OMC | ODISHA
NEW OPPORTUNITIES

Letter No....11683.../OMC/F&E/2021
09th August, 2021

To

Divisional Forest Officer
Keonjhar Forest Division

Sub: Proposal for diversion of 345.189 ha of forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, Odisha.

Ref: (i) Letter No. 8-46/2018-FC, dt. 31.01.2019 by MoEF & CC, Govt. of India.
(ii) Memo No. 2825, dt. 08.02.2019 by Spl. Secretary to Govt., F & E Dept., Govt. of Odisha.
(iii) Memo. No. 8516 dt. 27.04.2021 by CF (Nodal).

Sir,

MoEF & CC, Govt. of India vide letter under reference (i) has stipulated twenty seven conditions in the in-principle (Stage-I) approval order pertaining to Khandabandh Iron Ore Mining lease of OMC Ltd over an area of 366.311 ha. The State Govt. vide letter under reference (ii) has also imposed six additional conditions for compliance. The point wise compliance to the conditions stipulated by MoEF & CC, Govt. of India and the State Government is given as under:

i. Legal status of the diverted forest land shall remain unchanged.

In compliance, it is submitted that OMC will pursue the matter with the State Government to keep the legal status of forest land unchanged. An undertaking by OMC in this regard is given at **Sl.No.1 of Annexure-I.**

ii. Compensatory Afforestation shall be raised over equal identified non-forest land (NFL) within three years from the date of Stage-II Clearance and maintained thereafter by the State Forest Department at the cost of the User Agency. At least 1000 saplings per hectares shall be planted over 345.189 ha (345189 plants). If this is not possible to plant these many seedlings in the identified NFL, the balance seedlings will be planted in degraded forest land as per the prescriptions of the Working Plan at the cost of the User agency. In such case CA cost will be revised and duly approved by competent authority and deposited online in the CAF managed by CAMPA.

In compliance, it is submitted that State Forest Department shall raise CA within a period of three years from the date of grant of Stage-II FC over equal identified non-forest land of 345.189 ha allotted by the Collector, Keonjhar in Sikulapada (62.058 ha), Raidiha (51.225 ha), Fuljhar (46.397 ha) villages under Keonjhar Forest Division and by Collector, Kalahandi in Balangi (11.00 ha), Kerapai (38.644 ha) and Dalimguda (135.865 ha) villages under Kalahandi (S) Forest Division by utilizing the funds deposited by OMC. DFO, Keonjhar Division has recommended 88695 plants in the above three villages and 41720 plants in 104.30 ha of degraded forest land in Keonjhar district. DFO, Kalahandi (S) has also recommended 214774 plants in three villages in Kalahandi district. Therefore, total 345189 plants (88695 + 214774 + 41720) have been recommended to meet the requirement of 1000 plants/ha against 345.189 ha of non-forest land. All the CA schemes have been revised as per the current wage rate and technically approved by APCCF (FD & NO, FC Act) vide Memo No.11050 dt 06.07.2021. The differential cost of CA amounting Rs 86, 77,400.00 (Revised estimate: Rs 12, 50, 70,200.00 – Amount deposited by OMC: Rs. 11, 63, 92,800.00) has been transferred by OMC online. The abstract of the CA scheme recommended by DFO, Keonjhar and DFO, Kalahandi (S) and approved by APCCF (FD & NO, FC Act) is furnished hereunder:

Sl. No.	CA site		Area (in ha)	Number of plants	Approved Amount in Rs	Amount Deposited in Rs	Differential amount deposited in Rs
1	Sikulapada	Keonjhar	62.058	49646	3,72,56,700/-	10,24,55,700/-	83,63,900/-
2	Raidiha		51.225	20490			
3	Phuljhar		46.397	18559			
4	Balangi	Kalahandi	11.00	17403	7,35,62,900/-		
5	Kerapai		38.644	58387			
6	Dalimguda		135.865	138984			
Total			345.189	303468	11,08,19,600/-		
7	Baitarani RF	Keonjhar	104.30	41720	1,42,50,600/-	1,39,37,100/-	3,13,500/-
G. Total				345189	12,50,70,200	11,63,92,800/-	86, 77,400/-
Rs 15, 55, 35,502/- deposited vide UTR No. UBINA 20318549222, dt. 13.11.2020 includes Rs11, 63, 92,800/- Rs 87, 52,000/- deposited vide UTR No. UBINJ 21197384846, dt. 16.07.2021 which includes Rs 86, 77,400/-							

iii. 25% of the CA cost additionally will be spent towards Soil and Moisture Conservation activities in the proposed CA area as per site requirement and deposited in CAF.

In compliance, it is submitted that the CA schemes have been technically approved by APCCF (FD & NO, FC Act) with a total financial outlay of Rs 12, 50, 70,200/- which includes Rs 7,68,85,952/- towards cost of plantation excluding the cost of barbed wire fencing and 20% escalation cost. Out of Rs 7,68,85,952/- an amount of Rs. 2,39,41,219.93/- i.e. (31.14%) will be spent towards cost of SMC activities deposited by OMC online. Therefore, additional cost for SMC may not be required to be spent. Justification to this effect is given as under for kind perusal:

Sl. No.	Scheme	Year wise Amount towards SMC measures in Rs. Per ha.					Cost per Ha. (Rs.)	Sub-Total cost in Rs.	Addl. SMC & Staggered Trenches suggested by DFO (Rs.)	Grand Total
		0th	1st	2nd	3rd	4th to 10th				
1	159.68 (62.058 ha @ 800 seedlings/ ha)	0	6220	2488	0	0	8708	540401.06	4373629	4914030.06
2	159.68 (97.622 ha @ 400 seedlings/ ha)	0	6220	2488	0	0	8708	850092.38		
3	185.509 (134.234 ha @ 1600 seedlings/ha- Bald hill plantation)	40430	8086	8086	8086	45717	110405	14820104.77	0	14820104.77
4	185.509 (51.275 ha- ANR without Gap)	0	6220	2488	0	0	8708	446502.7	0	446502.7
5	Addl. CA (104.30 @ 400 seedlings/ha.	0	6220	2488	0	0	8708	908244.40	2852338	3760582.40
Total										23941219.93

iv. User Agency shall pay penal NPV as per guideline issued by this Ministry's Letter No.11-42/2017-FC dated 29.01.2018 and the same be deposited in the account of CAMPA before Stage-II Clearance.

In compliance, it is submitted that OMC has transferred Rs. 51, 87, 65,551/- which includes Rs. 47, 11, 96,750/- towards cost of penal NPV as per the demand raised by DFO, Keonjhar on dt. 28.08.2019 in Account No. 150825887070438 vide UTR No. ANDBH 19267382500 in Corporation Bank, Lodhi Road, New Delhi on dt. 24.09.2019 in compliance with the guidelines by MoEF & CC dt 29.01.2018. The copy of the challan generated through PARIVESH portal with UTR number in support of the proof of the deposit by OMC is enclosed as **Annexure-II.**

v. User Agency shall pay CA for entire area before Stage-II Clearance. Thus, User Agency shall transfer the cost for raising and maintaining the compensatory afforestation in lieu of entire area proposed for diversion i.e. 345.189 ha of forest land at the current wage rate in consultation with State Forest Department. Accordingly, CA cost shall be revised and duly approved by competent authority and deposited online in the CAF managed by CAMPA. The scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years;

In compliance, it is submitted that the total financial outlay of Rs 12, 50, 70,200/- for raising compensatory afforestation approved by APCCF (FD & NO, FC Act, 1980) over the entire area of 345.189 ha has been deposited by OMC in two phases as given below:

i) Rs 15, 55, 35,502/- deposited vide UTR No. UBINA 20318549222, dt. 13.11.2020 includes Rs11, 63, 92,800/-)
ii) Rs 87, 52,000/- deposited vide UTR No. UBINJ 21197384846, dt. 16.07.2021 which includes Rs 86, 77,400/-)

The approved schemes include appropriate provision for anticipated cost increase for works scheduled for subsequent years. The copy of the technically approved CA schemes (3 schemes), demand letter by DFO, Keonjhar, challan generated through PARIVESH portal and payment receipt with UTR number in support of the proof of the deposit by OMC is enclosed as **Annexure-III series**.

vi. User Agency shall submit approved Wildlife Management Plan and commensurate funds shall be deposited in account of CAMPA through online portal.

Initially, the Site Specific Wildlife Conservation Plan (SSWCP) prepared by OMC was technically approved by PCCF (WL) & CWLW, Odisha on dt 06.09.2011 and subsequently after lapse of five years, it was revised and approved on dt 15.09.2020. As per the demand raised by DFO, Keonjhar, OMC deposited Rs.3, 70, 60,000/- online through RTGS vide UTR No. ANDBH 19206649652 dt 25.07.2019 in the Ad-hoc CAMPA Account No. 150825887070934 and subsequently transferred the differential amount of Rs 40, 16,000/- online through RTGS vide UTR No. UBINA 20318549222 dt 13.11.2020 in Ad-hoc CAMPA Account No.150825887070699 towards recommendation to be implemented in the project impact area.

DFO, Keonjhar vide letter no. 4474/Mining dt. 30.07.2021 has raised a demand of Rs. 98, 10,000/- towards recommendation to be implemented within the ML area. An amount of Rs. 98, 10,000/- has been deposited by OMC vide UTR No. UBINJ21218304942 dt. 06.08.2021 in Ad-hoc CAMPA Account No.150825887070251.

The copy of the demand letters by DFO and the RTGS receipt in support of the proof of the deposit by OMC is submitted at **Annexure-IV series**. The copy of the initial approved SSWLCP along with the revised financial outlay is enclosed herewith as **Annexure-V**.

vii. Following activities shall be undertaken by the user agency at the project cost:

A. Mitigative measures to minimize soil erosion and choking of stream shall be implemented within a period of three years with effect from the issue of Stage-II clearance in accordance with the approved Plan in consultation with the State Forest Department.

In compliance, it is submitted that a scheme to minimize the soil erosion and choking of stream has been prepared in consultation with DFO, Keonjhar and approved by RCCF, Rourkela with a total financial outlay of Rs. 44,16,000/- on dt 11.06.2021 estimated at the current wage rate. An undertaking by OMC to execute the scheme in accordance with the approved Plan within a period of three years with effect from the date of issue of Stage-II FC at the

approved financial outlay is given at Sl.No.2 of Annexure-I. The copy of the approved scheme and approval is enclosed as Annexure-VI.

B. Planting of adequate drought hardy plant species and sowing of seeds, in the appropriate area within the mining lease to arrest soil erosion in accordance with the approved scheme;

In compliance, it is submitted that a scheme for planting of adequate drought hardy plant species and sowing of seeds in the appropriate area within the mining lease to arrest soil erosion has been prepared in consultation with DFO, Keonjhar and approved by RCCF, Rourkela without any financial outlay as the cost towards measures proposed in this scheme has already been included within the scheme prepared in compliance with condition No. (xii) towards fencing, protection and regeneration of the safety zone area. An undertaking by OMC to execute the scheme at the approved financial outlay is given at **Sl.No.3** of **Annexure-I**. The copy of the approved scheme and approval is enclosed as **Annexure-VII.**

C. Construction of check dams, retention toe walls to arrest sliding down of the excavated material along the contour in accordance with the approved scheme;

In compliance, it is submitted that a scheme for construction of check dams, retention toe walls to arrest sliding down of the excavated material along the contour has been prepared in consultation with DFO, Keonjhar and approved by RCCF, Rourkela on dt 11.06.2021 with a total financial outlay of Rs. 62,73,900/- estimated at the current wage rate. An undertaking by OMC to execute the scheme at the approved financial outlay is given at **Sl. No. 4** of **Annexure-I**. The copy of the approved scheme and approval is enclosed as **Annexure-VIII.**

D. Stabilize the overburden dumps by appropriate grading/benching, in accordance with the approved scheme, so as to ensure that angles of repose at any given place is less than 28° and

In compliance, it is submitted that a scheme to stabilize the overburden dumps by appropriate grading/benching, has been prepared in consultation with DFO, Keonjhar and approved by RCCF, Rourkela on dt 11.06.2021 with a total financial outlay of Rs. 2,06,12,300/- estimated at the current wage rate. An undertaking by OMC to execute the scheme at the approved financial outlay is given at Sl. No. 5 of Annexure-I. The copy of the approved scheme and approval is enclosed as Annexure-IX

E. No damage shall be caused to the top-soil and the user agency will follow the top soil management plan.

In compliance, it is submitted that an undertaking is given at **Sl.No. 6** of **Annexure-I** that no damage shall be caused to the top-soil. OMC also undertakes to follow the top soil management plan, prepared in consultation with the DFO, Keonjhar and approved by RCCF, Rourkela on dt 11.06.2021 with a total financial outlay of Rs. 3, 47, 47,300/- estimated at the current wage rate. The copy of the approved scheme and approval is enclosed as **Annexure-X.**

viii. The land identified for the purpose of CA shall be clearly depicted on a Survey of India topo-sheet of 1:50,000 scale.

In compliance, it is submitted that the land identified for the purpose of CA has been clearly depicted on the Survey of India Topo sheet Nos. F45N11 (Raidiha & Sikulapada), F45N6 (Phuljhar), E44F2 (Dalimguda), E44F3 (Kerapal) and E44E15 (Balangi) on 1:50,000 scale. The copy of the Topo sheets is enclosed as **Plate No. I & II** for villages located in Keonjhar district and as **Plate No. III, IV & V** for villages located in Kalahandi district.

ix. The admissible non-forest land shall be identified for raising compensatory afforestation and the same shall be transferred and mutated in favour of the State Forest Department before issue of the Stage-II clearance. The non-forest land identified for raising Compensatory Afforestation shall be notified by the State Government as RF under Section-4 or PF under Section-20 of the Indian Forest Act, 1927 or under the relevant Section (s) of the local Forest Act, as the case may be, within a period of six months. The Nodal Officer (Forest Conservation) shall report compliance in this regard;

In compliance, it is submitted that 345.189 ha of accepted non-forest land in six villages (3 in Keonjhar and 3 in Kalahandi district) selected for raising CA has been transferred and mutated in favour of the State Forest Department vide RoRs issued by the Tahasildar Bansapal, Keonjhar district and Tahasildar, Thuamul Rampur, Kalahandi district respectively. The said mutated non-forest land has been notified by the State Government as PF on dt 11.06.2021 as per the details given below:

Sl. No.	Name of the village	Status of mutation		Notified as PF by the State Govt.		
		Area in ha	RoR	Letter No.	Date	Name of the PF
A. Tahasil: Banspal; District: Keonjhar						
1	Raidiha	51.225	Issued	10464	11.06.2021	Raidiha Protected Forest
2	Fuljhar	46.397	Issued	10478	11.06.2021	Fuljhar Protected Forest
3	Sikulapada	62.058	Issued	10471	11.06.2021	Sikulapada Protected Forest
B. Tahasil: Thuamul Rampur; District: Kalahandi						
4	Balangi	11.00	Issued	10429	11.06.2021	Balangi Protected Forest
5	Kerapai	18.993	Issued	10436	11.06.2021	Kerapai-A Protected Forest
6	Kerapai	19.651	Issued	10443	11.06.2021	Kerapai –B Protected Forest
7	Dalimguda	24.078	Issued	10450	11.06.2021	Dalimguda-A Protected Forest
8	Dalimguda	111.787	Issued	10457	11.06.2021	Dalimguda-B Protected Forest
TOTAL		345.189				

The copy of the RoRs of six villages and PF Notifications issued by the State Government are enclosed as **Annexure-XI** series.

x. The User Agency shall transfer online, the Net Present Value (NPV) of the forestland being diverted under this proposal, as per the orders of the Hon'ble Supreme Court of India dated 28.03.2008, 24.04.2008 and 09.05.2008 in Writ Petition (Civil) No. 202/1995 and the guidelines issued by this Ministry vide its letter No.5-3/2007-FC dated 05.02.2009. The requisite funds shall be transferred through online portal into Ad-hoc CAMPA account of the State Concerned;

In compliance, it is submitted that OMC has transferred the total amount of NPV as per the demand raised by DFO, Keonjhar in phases. The details are given as below:

Sl. No.	Area in ha	Amount deposited	Mode of payment (DD/RTGS) by OMC
1	129.095	Rs 74875100.00	DD No.717349 to 717423 of Rs 990000/- each DD No.717424 of Rs 625100/-, dt 09.09.2006
2	165.435	Rs 120767550.00	DD No.650823, dt 21.07.2010
3	Interest on belated payment	Rs 178670.00	UTR No. ANDBN 14067595317, dt 07.03.2014
4	50.669	Rs. 47568801.00	UTR No. ANDBH 19267382500, dt.24.09.2019

OMC has deposited NPV as per the guidelines by Hon'ble Supreme Court of India. As per the instruction by the State Forest Department during 2006, OMC submitted the DDs drawn in favour of DFO, Keonjhar and DFO, Keonjhar vide letter No.5586 dt 14.09.2006 sent the original DDs received from OMC to CCF (Nodal). It is submitted that during final recommendation of this part of the compliance, the details of DDs finally submitted by CCF (N) to MoEF & CC may kindly be referred so that the verification of CAMPA account by MoEF & CC at New Delhi get easier. During 2010 the

DD was drawn in favour of CAF-1585 in Corporation Bank and thereafter continued to deposit online since 2014. The copy of the DDs and RTGS receipt in support of the proof of the deposit by OMC is enclosed as **Annexure-XII** series for kind perusal.

xi. At the time of payment of the Net Present Value (NPV) at the then prevailing rate, the User Agency shall furnish an undertaking to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India;

In compliance, it is submitted that OMC has furnished an undertaking at **Sl. No. 07** of **Annexure-I** to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India.

xii. Fencing, protection and regeneration of the safety zone area [7.5 meters strip shall be kept within the mining lease boundary and area of the safety zone shall be part of the total area of mining lease as per the Ministry's guidelines dated 27.05.2015] shall be done within three year at the project cost from the issue of Stage-II Clearance. Besides this afforestation on degraded forest land to be selected elsewhere measuring one & a half times the area under safety zone shall also be done at the project cost. The degraded forest land (DFL) so selected will be informed to the MoEF & CC with shape files and afforestation will be done within three years from the date of Stage-II clearance and maintained thereafter in accordance with the approved Plan in consultation with the State Forest Department;

In compliance, it is submitted that a scheme for fencing, protection and regeneration of the safety zone area (7.5 meters strip all along the ML boundary) has been approved by RCCF, Rourkela on dt 11.06.2021 with a total financial outlay of Rs. 93, 35,600/-. An undertaking by OMC to execute the scheme at the approved financial outlay is given at **Sl.No.8** of **Annexure-I**. The copy of the approved scheme with approval letter is enclosed as **Annexure-XIII.**

OMC has transferred Rs.15, 55, 35,502/- in Ad-hoc CAMPA Account through RTGS vide UTR No. UBINA 20318549202 dt 13.11.2020 including Rs 17, 32,600/- towards the cost of 1.5 times Safety Zone over 10.38 ha (6.919 x 1.5) of degraded forest land as per the scheme technically approved by RCCF, Rourkela in Baitarani East (A) PRF under Champua Range of Keonjhar Forest Division. Due to revision in the wage rate, the scheme has been revised and technically approved by RCCF, Rourkela on dt 11.06.2021 with a total financial outlay of Rs 17,61,700/-. On receiving the demand from DFO, Keonjhar, OMC transferred the differential amount of Rs 29,100/- (Rs 17, 61,700.00 – Rs 17, 32,600.00) in Ad-hoc CAMPA Account through RTGS vide UTR No. UBINJ 21197384846 dt 16.07.2021. The afforestation will be done by the forest department within three years from the date of Stage-II Forest Clearance and maintained thereafter in accordance with the approved Plan. The copy of the approved scheme with approval letter, RTGS receipt in support of the proof of the deposit by OMC is enclosed as **Annexure-XIV series.**

xiii. User Agency shall ensure that the Compensatory levies (CA cost, NPV, etc.) are deposited through challan generated online on web portal and deposited in appropriate bank online only. Amount deposited through other mode will not be accepted as compliance of the Stage-I clearance.

In compliance, it is submitted that OMC has deposited the compensatory levies in shape of DDs as per the advice by DFO, Keonjhar in his demand letter during 2006 and 2010. All the dues thereafter have been transferred through RTGS as per the challan generated by PARIVESH portal. The details of compensatory levies deposited by OMC are given in the format enclosed as **Annexure-XV.**

xiv. Period of diversion of the said forest land under this approval shall be for a period co-terminus with the period of the mining lease proposed to be granted under the Mines and Minerals (Development and Regulation) Act, 1957, as amended and the Rules framed there-under;

In compliance, it is submitted that the State Government vide order No.III (A) SM-14/2013-4904/SM dt 25.06.2018 have been pleased to order that in terms of Rule 3 (1) of the Mineral (Mining by Government Company) Rules,2015, the period of original lease is deemed to be granted for 50 years i.e. from dt 30.11.1963 to dt 29.11.2013 and in terms of Rule 3 (2) read with Rule 3 (3) of said rules, the validity period of the lease is extended for a further period of 20 years from dt 30.11.2013 to 29.11.2033 subject to execution of supplementary lease deed for the extension period upon getting all the statutory clearances within a period of three months. The State Government vide letter No.9566/SM dt 09.11.2020 has allowed further one year time with effect from 25.09.2020 for execution of supplementary lease deed. OMC shall execute the lease on getting the forest clearance. An undertaking by OMC to execute the lease on getting all clearances is given at Sl.No.9 of **Annexure-I**. The copy of the letter by the State Government in this regard is enclosed as **Annexure-XVI**.

xv. The State Government shall complete settlement of rights, in terms of the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006, if any, on the forest land to be diverted and submit the documentary evidence as prescribed by this Ministry in its letter No. 11-9/1998-FC (pt.) dated 03.08.2009 read with 05.07.2013, in support thereof;

In compliance, it is submitted that the process of settlement of rights, in terms of the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006, over 345.189 ha of forest land has been completed. The documentary evidence as prescribed by the Ministry in their letter No. 11-9/1998-FC (pt.) dt 03.08.2009 read with dt 05.07.2013, in support thereof is enclosed as **Annexure-XVII series**.

xvi. The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required;

In compliance, it is submitted that EC as per the provisions of the Environmental (Protection) Act, 1986 has been granted by MoEF, Govt. of India vide letter No.J-11015/1081/2007-IA.II (M) dt 15.12.2008 for production of 1.0 MTPA of iron ore. The copy of the grant order of EC is enclosed as **Annexure-XVIII**.

xvii. No labour camp shall be established on the forest land and the User Agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas;

In compliance, it is submitted that no labour camp has been established on the forest land. An undertaking is given at **Sl.No.10** of **Annexure-I** to provide alternate fuels to the labourers and staff working at site as to avoid any damage and pressure on the nearby forest areas.

xviii. The boundary of the diverted forest land, mining lease and safety zone, as applicable, shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates;

In compliance, it is submitted that the boundary of the diverted forest land, mining lease and safety zone, has been demarcated on ground by erecting four feet high reinforced cement concrete pillars, each marked with durable paint its serial number, distance from pillar to pillar and GPS co-ordinates. The photographs are attached at **Annexure-XIX**.

xix. The layout plan of the mining plan/proposal shall not be changed without the prior approval of the Central Government and the forest land shall not be used for any purpose other than that specified in the proposal;

In compliance, it is submitted that an undertaking is given at **Sl.No.11** of **Annexure-I** that the layout plan of the mining plan/proposal shall not be changed by OMC without the prior approval of the Central Government. Further, the forest land shall not be used for any purpose other than that specified in the proposal.

xx. The forest land proposed to be diverted shall under no circumstances be transferred to any other agency, department or person without prior approval of the Central Government;

In compliance, it is submitted that an undertaking is given at **Sl.No.12** of **Annexure-I** that the forest land proposed to be diverted shall under no circumstances be transferred by OMC to any other agency, department or person without prior approval of the Central Government.

xxi. No damage to the flora and fauna of the adjoining area shall be caused;

In compliance, it is submitted that an undertaking is given at **Sl.No.13** of **Annexure-I** that no damage to the flora and fauna of the adjoining area shall be caused by OMC.

xxii. The user agency shall explore the possibility of translocation of maximum number of trees identified to be felled and shall ensure that any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department.

In compliance it is submitted that an undertaking is given at **Sl.No.14** of **Annexure-I** to explore the possibility of translocation of maximum number of trees identified to be felled and shall ensure that any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department.

xxii. User agency either himself or through the State Forest Department shall undertake gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests (having crown density less than 0.40), if any, located in the area within 100 m from outer perimeter of the mining lease. The plan for plantation and SMC activities will be prepared and submitted to MoEF & CC before Stage-II Clearance;

In compliance, it is submitted that on receiving the demand from DFO, Keonjhar towards a scheme for gap planting and soil and moisture conservation activities to restock and rejuvenate the degraded open forest within 100 m from outer perimeter of Khandabandha Iron Ore mining lease approved by RCCF, Rourkela OMC has transferred Rs.15, 55, 35,502/- in favour of Ad-hoc CAMPA through RTGS mode vide UTR No. UBINA 20318 549202 dt.13.11.2020 including Rs 34, 02,100/- towards differential cost of the scheme. Due to revision of wage rate the revised scheme has been technically approved by RCCF, Rourkela on dt 11.06.2021 at a financial outlay of Rs 33, 56,600/-. On receiving the demand from DFO, Keonjhar, OMC transferred the differential amount of Rs 45500/- (Rs 34, 02,100.00 - Rs. 33, 56,600.00) through RTGS in to A/c No.150825887070369 vide UTR No. UBINJ 21197384846 dt 16.07.2021 in state CAMPA for execution of the work by State Forest Department. The copy of the demand letter and RTGS receipt in support of proof of the deposit by OMC is enclosed as **Annexure-XX series.**

xxiv. The User Agency shall undertake mining in a phased manner after taking due care for reclamation of the mined over area. The concurrent reclamation plan as per the approved mining

plan shall be executed by the User Agency from the very first year, and an annual report on implementation thereof shall be submitted to the Nodal Officer, Forest (Conservation) Act, 1980, in the concerned State Government and the concerned Regional Office of the Ministry. If it is found from the annual report that the activities indicated in the concurrent reclamation plan are not being executed by the User Agency, the Nodal Officer or the concern Addl. Principle Chief Conservator of Forests (Central) may direct that the mining activities shall remain suspended till such time such reclamation activities area satisfactorily executed.

In compliance, it is submitted that OMC has submitted an undertaking at Sl.No.15 of Annexure-I to carryout mining as per the mining plan/scheme of mining approved by IBM. An undertaking by OMC is also furnished at same serial number to submit an annual report on implementation of the concurrent reclamation plan to the Nodal Officer, Forest (Conservation) Act, 1980, Odisha and Eastern Regional Office, MoEF & CC, Bhubaneswar.

xxv. The User Agency shall prepare a list of existing village tanks and other water bodies with GPS co-ordinates located within five km. from the mine lease boundary. This list is to be duly verified by the concerned Divisional Forest Officer. The User Agency shall regularly undertake desilting of these village tanks and other water bodies so as to mitigate the impact of siltation of such tanks/water bodies. A detailed approved plan for desilting of identified ponds and water bodies to be prepared in consultation with forest department and shall be submitted to MoEF & CC before Stage-II approval;

In compliance, it is submitted that the list of existing village tanks and other water bodies with GPS co-ordinates located within five km. from the ML boundary has been duly verified by DFO, Keonjhar. A plan for desilting of ponds and water bodies as per the list attached to the scheme has been prepared in consultation with DFO, Keonjhar and got it approved by RCCF, Rourkela on dt 11.06.2021 at a total financial outlay of Rs. 22,88,500/. The copy of the approved plan is enclosed herewith as **Annexure-XXI** for onward submission to MoEF & CC for Stage-II approval. An undertaking by OMC is furnished at Sl.No.16 of Annexure-I to desilt the village tanks and other water bodies at the approved financial outlay.

xxvi. The User Agency shall submit the annual self-compliance report in respect of the above stated conditions to the State Government, concerned Regional Office and to this Ministry by the end of March every year regularly;

In compliance, it is submitted that an undertaking by OMC is furnished at Sl. No.17 of Annexure-I to submit the annual self-compliance report in respect of the conditions stipulated in this stage-I clearance to the State Government, concerned Regional Office and to this Ministry by the end of March every year regularly.

xxvii. Any other condition that the concerned Regional Office of this Ministry may stipulate with the approval of competent authority in the interest of conservation, protection and development of forests & wildlife; and

In compliance, it is submitted that an undertaking by OMC is furnished at **Sl. No.18** of **Annexure-I** to abide by any other condition that the concerned Regional Office of this Ministry may stipulate with the approval of competent authority in the interest of conservation, protection and development of forests & wildlife.

xxviii. The user agency shall comply all the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and NGT Order (s) pertaining to this project, if any, for the time being in force, as **applicable** *to the project,*

In compliance, it is submitted that an undertaking by OMC is furnished at **Sl. No.19** of Annexure-I to comply all the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court

Order (s) and NGT Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project

Besides the above conditions, the compliance to the additional conditions imposed by the State Government vide letter under reference (ii) is given as under:

A) The User Agency shall pay towards cost of removal of trees enumerated before commencement of work on Stage-II approval and tree felling should be taken up in phases strictly as per requirement under the supervision of the Divisional Forest Officer, Keonjhar Forest Division.

In compliance, it is submitted that an undertaking by OMC is furnished at Sl. No.20 of **Annexure-I** to pay towards cost of removal of trees enumerated before commencement of work on Stage-II approval. OMC also undertakes that tree felling shall be taken up in phases strictly as per requirement under the supervision of the DFO, Keonjhar Forest Division.

B) Claims settled under FRA pertaining to forest land within the leasehold area, shall be compensated suitability before taking possession of such forest land by the lessee for mining operation.

In compliance, it is submitted that an undertaking by OMC is furnished at **Sl. No.21** of **Annexure-I** to compensate the claims settled under FRA pertaining to forest land within the leasehold area suitably before taking possession of such forest land by OMC for mining operation.

C) Phased Reclamation Plan shall be executed by the lessee at their cost.

In compliance, it is submitted that an undertaking is furnished at Sl. No.22 of **Annexure-I** to execute the phased reclamation plan by OMC at project cost.

D) The lessee shall have valid Consent to operate order from SPCB, Odisha before commencement of mining operation.

In compliance, it is submitted that an undertaking by OMC is furnished at Sl. No.23 of **Annexure-I** to obtain Consent to operate order from SPCB, Odisha before commencement of mining operation.

E) The User Agency shall pay the proportionate cost for implementation of Regional Wildlife Management Plan as per revised cost norm. Since the SSWLCP has been approved in the year 2011, the approved cost of the Plan needs to be revisited as per current wage rate and accordingly the modified cost needs to be realized from the user agency upon having Stage-I forest clearance.

In compliance, it is submitted that OMC has transferred Rs.15, 55, 35,502/- in favour of Ad-hoc CAMPA through RTGS mode vide UTR No. UBINA 20318549202 dt. 13.11.2020 which includes Rs 30037502/- towards proportionate cost for implementation of RWMP as per the demand raised by DFO, Keonjhar vide letter No. 2067 / 6F - Mining- 15 / 2017 dt 13.03.2019. The copy of the demand by DFO, Keonjhar and the copy of the RTGS receipt in support of proof of the deposit by OMC is enclosed as **Annexure-XXII Series.**

The compliance to the second part of the above condition has already been given against Condition No.vi of the stage-I approval letter by MoEF & CC, Govt. of India and hence not repeated again. The copy of the RTGS receipt in support of proof of deposit by OMC is enclosed as Annexure-IV Series.

F) The user agency shall undertake demarcation of the lease area on the ground posting four feet high cement concrete pillars embedded two feet inside the soil with serial number, forward and backward bearings, and distance from pillar to pillar. The user agency shall also submit the map of lease area showing

different kinds of forest land using DGPS survey data and latitude and longitude of each pillar to the Divisional Forest Officer, Keonjhar for his reference before commencement of work on final forest clearance.

In compliance, it is submitted that the ML area has been demarcated on the ground by posting 4' high RCC pillars embedded two feet inside the soil with serial number, forward and backward bearings and distance from pillar to pillar. OMC has submitted the map of lease area showing different kinds of forest land using DGPS survey data and latitude and longitude of each pillar to the DFO, Keonjhar vide letter No. 2803/OMC/F&E/2019 dt. 18.02.2019. The photographs of the completed work and copy of the letter to DFO, Keonjhar are enclosed as **Annexure-XXIII series.**

G) Since the DFO has reported that soil erosion is likely to increase in the area, the; user agency shall take appropriate steps to control erosion in the applied area.

In compliance, it is submitted that adequate SMC measures have been planned to be executed by OMC within mining lease area as per the schemes under condition No.vii (A, B, C and D) of this stage-I approval order duly approved by RCCF, Rourkela to comply the observation raised by DFO, Keonjhar.

H) Present status of mining lease shall be indicated with specific reference to whether the ML period has been extended as per MMDR Amendment Act, 2015 and if so, whether supplementary lease deed has been executed for the extended period.

In compliance, it is submitted that the State Government has extended the mining lease period vide letter No. III (A) SM-14/2013-4904/SM dt 25.06.2018 till dt 29.11.2033 for a period of 70 years from the date first execution of the lease deed in terms of Rue 3 (1), 3 (2) & 3 (3) of Mineral (Mining by Government Company) Rules, 2015. On getting forest clearance supplementary lease deed shall be executed.

It is therefore requested to kindly examine the above compliance and recommend to RCCF, Rourkela for onward submission for grant of final forest clearance.

Yours faithfully,

Encl: As above.

(Dr Suman Krishna Sit)
General Manager (Geo)
Authorised signatory

Memo No.....1684../OMC/F&E/2021 dt 09.08.2021

Copy forwarded to the Regional Manager, Barbil for kind information. He is requested to contact DFO, Keonjhar for necessary recommendation to RCCF, Rourkela and onward recommendation to APCCF (FD & NO FC Act), Bhubaneswar.

(Dr Suman Krishna Sit)
General Manager (Geo)
Authorised signatory

OMC | ODISHA NEW OPPORTUNITIES

ANNEXURE-I

UNDERTAKINGS

[As per condition No. i, vii (A), vii (B), vii (C),vii (D), vii (E),xi, xii, xiv, xvii, xix, xx, xxi, xxii, xxiv, xxvi, xxvii, xxviii stipulated in the Stage-I Forest Clearance granted by MoEF & CC, Govt. of India vide letter No. 8-46/2018-FC, dt. 31.01.2019 and condition No. A, B, C and D of the Memo No. 2825, dt. 08.02.2019 given by the State Government pertaining to Khandabandha Iron Ore Mining Lease over 366.311 ha of OMC Ltd.]

I Sri Suman Krishna Sit, General Manager (Geology), Authorized signatory of O.M.C.Ltd. for this project do hereby undertake the following for furtherance of the Forest Diversion Proposal for grant of 345.189 ha of forest land included within Khandabandha Iron Ore mining lease of OMC located in Keonjhar Forest Division of Keonjhar district, Odisha:

Sl. No.	Condition No.	Undertakings by OMC
Conditions stipulated by MoEF & CC, Govt. of India vide Letter No. 8-46/2018-FC, dt. 31.01.2019		
1	i	That the legal status of forest land remain unchanged.
2	vii (A)	To execute the scheme by OMC to minimize the soil erosion and choking of stream in accordance with the approved plan within a period of three years w.e.f. the date of issue of Stage-II FC at the approved financial outlay of Rs. 44,16,000/-.
3	vii (B)	To execute the scheme by OMC for planting of adequate drought hardy plant species and sowing of seeds in the appropriate area within the mining lease to arrest soil erosion as approved by RCCF, Rourkela.
4	vii (C)	To execute the scheme by OMC for construction of check dams, retention toe walls to arrest sliding down of the excavated material along the contour at the approved financial outlay of Rs.62,73,900/-.
5	vii (D)	To execute the scheme by OMC to stabilize the overburden dumps by appropriate grading/benching at the approved financial outlay of Rs. 2,06,12,300/-.
6	vii (E)	To execute the top soil management plan approved with a total financial outlay of Rs.3,47,47,300/-.
7	xi	To pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India.
8	xii	To execute the scheme by OMC for fencing, protection and regeneration of the safety zone area (7.5 meters strip all along the ML boundary) at the approved financial outlay of Rs. 93,35,600/-.
9	xiv	To maintain the period of diversion of the forest land under this approval co-terminus with the period of the mining lease proposed to be granted under the Mines and Minerals (Development and Regulation) Act, 1957, as amended and the Rules framed there-under.

Sl. No.	Condition No.	Undertakings by OMC
Conditions stipulated by MoEF & CC, Govt. of India vide Letter No. 8-46/2018-FC, dt. 31.01.2019		
10	xvii	To prohibit construction of labour camp on the forest land and provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas.
11	xix	To maintain the layout plan of the mining plan/proposal unchanged till prior approval of the Central Government and use the forest land for the purpose specified in the proposal.
12	xx	To retain the forest land proposed to be diverted without any transfer to any other agency, department or person without prior approval of the Central Government;
13	xxi	To maintain and no damage to the flora and fauna of the adjoining area shall be caused.
14	xxii	To explore the possibility of translocation of maximum number of trees identified to be felled and ensure that any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department.
15	xxiv	To carryout mining as per the mining plan/scheme of mining approved by IBM and to submit an annual report on implementation of the concurrent reclamation plan to the Nodal Officer, Forest (Conservation) Act, 1980, Odisha and Eastern Regional Office, MoEF & CC, Bhubaneswar.
	xxiv	To submit an annual report on implementation of the concurrent reclamation plan to the Nodal Officer, Forest (Conservation) Act, 1980, Odisha and IRO, MoEF & CC, Bhubaneswar
16	xxv	To desilt the village tanks and other water bodies at the approved financial outlay.
17	xxvi	To submit the annual self-compliance report in respect of the conditions stipulated in Stage-I clearance, conditions to the State Government, concerned Regional Office and MoEF & CC by the end of March every year regularly;
18	xxvii	To abide by any other condition that the IRO, Bhubaneswar may stipulate with the approval of competent authority in the interest of conservation, protection and development of forests & wildlife.
19	xxviii	To comply all the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and NGT Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project,

Additional Conditions stipulated by the State Government vide Memo No. 2825, dt. 08.02.2019.

Sl. No.	Condition No.	Undertakings by OMC
20	A	To pay the cost of removal of trees enumerated before commencement of work under Stage-II approval and tree felling shall be taken up by OMC in phases strictly as per requirement under the supervision of the DFO, Keonjhar.
21	B	To compensate suitability the claims settled under FRA pertaining to forest land within the leasehold area before taking possession of such forest land by OMC for mining operation.

Additional Conditions stipulated by the State Government vide Memo No. 2825, dt. 08.02.2019.

Sl. No.	Condition No.	Undertakings by OMC
22	C	To execute the Phased Reclamation Plan by OMC at project cost.
23	D	To obtain Consent to Operate order from SPCB, Odisha before commencement of the mining operation.

COUNTERSIGNED

Divisional Forest Officer
Keonjhar Division

[Sri Suman Krishna Sit]
General Manager (Geology)
Authorized signatory
The Odisha Mining Corporation Limited

Suman Krishna Sit
General Manager(Geo)
Power of Attorney Holder
Odisha Mining Corporation Ltd.
Bhubaneswar

ANNEXURE-II

OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION

Phone No- 06766-254315, email ID- dfokjr.od@gov.in

No. 8121 /6F-Mining-15/2017

Dated, Keonjhar the 28-08-/2019

To

The Executive Director (F&E),
M/s OMC Ltd, OMC House,
Bhubaneswar- 751001

Sub: Proposal for diversion of 345.189 ha forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd in Keonjhar District, Odisha.

X-Sub: **Demand of funds towards Penal Net Present Value over 129.095 ha.**

Ref: F. No. 8-46/2018-FC dated 31.01.2019 of MoEF&CC, Govt. of India and letter No. 2821/F&E dated 08.02.2019 of Special Secretary to Govt. F&E Department, Odisha, Bhubaneswar & memo No.14712 dated 21.08.2019 of Addl. PCCF, FD&NO, FC Act, O/o- the PCCF, Odisha, Bhubaneswar.

Sir,

With reference to the aforementioned letter on the captioned subject, this is to apprise that it has been stipulated vide condition No. (iv) of the Stage- I clearance *inter alia* state that User Agency shall pay penal NPV as per guideline issued by this Ministry's letter No. 11-42/2017-FC dated 29.01.2018 and the same be deposited in the account of CAMPA before Stage- II Clearance.

It is therefore requested to deposit the maximum up to Five (5) times the NPV as per guideline letter No. 11-42/2017-FC dated 29.01.2018 of MoEF&CC, Govt. of India of the applicable rate as calculated hereunder-

1. Area of forest land utilized in violation to FC Act, 1980 = 129.095 ha
2. Applicable rate of NPV per ha under FC Act, 1980 {Eco Value Class-I, Density less than 0.3 (taking in to account of adjoining mining leases) - Rs. 7,30,000/-.
3. Amount of penal NPV due for deposit- Rs. 7,30,000 x 129.095 ha x 5 times = Rs.47,11,96,750/- **(Rupees forty seven crore eleven lakh ninety six thousand seven hundred fifty) only.**

The demanded amount has to be deposited within 30 days from the date of issue of this letter through e-portal of MoEF&CC as provided in the https://parivesh.nic.in/ and the proof/evidence of the deposit of fund be submitted to this office for further necessary action at this end.

Yours faithfully,

Santosh 27/8/19

Divisional Forest Officer,
Keonjhar Division.

Memo No._____/ Dated.

Copy submitted to the Regional Chief Conservator of Forests, Rourkela Circle, Rourkela/ Addl. Principal Chief Conservator of Forests, FD & NO, FC Act, O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar for favour of kind information.

Divisional Forest Officer,
Keonjhar Division.

NEFT RTGS CHALLAN

019/F & E

AGENCY COPY

NEFT / RTGS CHALLAN for Ad-HOC CAMPA

Date : 19-09-2019

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	5887070438
MoEF/SG File No.	8-46/2018-FC
Location.	ORRISA
Address.	OMC HouseKhordha
Amount(in Rs)	518765551/-

Amount in Words :Fifty-One Crore Eighty-Seven Lakh Sixty-Five Thousand Five Hundred and Fifty-One Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	CORP0000371
Pay to Account No.	150825887070438 Valid only for this challan amount
Bank Name & Address:	Corporation Bank Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only
- This challan is valid only for seven days.

BANK COPY

NEFT / RTGS CHALLAN for Ad-HOC CAMPA

Date : 19-09-2019

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	5887070438
MoEF/SG File No.	8-46/2018-FC
Location.	ORRISA
Address:	OMC House Khordha
Amount(in Rs)	518765551/-

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Bank Name & Address:	Corporation Bank Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

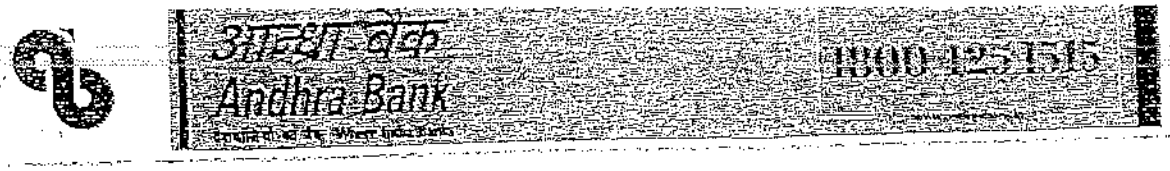
- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only
- This challan is valid only for seven days.

After making successful payment, User Agencies may send a line of confirmation through Email: helpdeskcampa@corpbank.co.in

Sr. Manager (Finance)
The Odisha Mining Corporation Ltd.
Bhubaneswar

UTR NO- ANDBH19267382500
Dt. 24-09-2019

47,11,96,750/-
+ 4,75,68,801/-
51,87,65,551/-



ODISHA MINNING CORPORATION LTD

OMC HOUSE UNIT 5 BHUBANESWAR KHURDA ORISSA ODISHA

BHUBANESHWAR

ODISHA

751001

Customer ID: 02198480

Branch IFSC: ANDB0001059

Branch: O M C CAMPUS

Branch MICR: 751011008

Branch Code: 001059

Statement of Account No:105911011000001 for the period (From:24/09/2019 To:24/09/2019)

Tran Date	Chq No.	Transaction Description	Debit (Rs.)	Credit (Rs.)	Balance (Rs.)
24/09/2019		BY DEBENDU MOHAPATRA		20,000.00	15,96,246.10
24/09/2019	344992	BSNL OD GMTD BBSR COLLEC	2,446.00		15,93,800.10
24/09/2019	345036	BHART AIRTEL LIMITED	1,770.00		15,92,030.10
24/09/2019	2416	OMC LTD J K ROAD	2,00,00,000.00		-1,84,07,969.90
24/09/2019	2417	OMC LTD J K ROAD	1,20,00,000.00		-3,04,07,969.90
24/09/2019	345054	SEETA INTEGRATED STEEL AND ENERGY	5,88,392.94		-3,09,96,362.84
24/09/2019	2420	RTGS/ANDBRS20190924003825OO/ORRISA CAMPA	51,87,65,551.00		54,97,61,913.84
24/09/2019	-	RTGS Service Charge & GST: ANDBH19267382500	59.00		54,97,61,972.84

This is a computer generated statement & hence no signature is required.
Never Search for Bank Support Contact Details on Google, Twitter, Facebook etc. https://www.andhrabank.in/english/GenContactus.aspx is the ONLY OFFICIAL way to reach us.
Never call/respond to unverified mobile numbers claiming to be Andhra Bank support.
Never share confidential details like card no/expiry/CVV/OTP/Internet Banking password with anyone when you receive any unsolicited calls for card activation/upgrade/rewards redemption. Andhra Bank will never ask for these details.

+++ End of Statement +++

Date and Time: 24/09/2019 2:57 PM

ANNEXURE:- III
Series

REVISED SCHEME FOR COMPENSATORY AFFORESTATION OVER 159.680haOF NON-FOREST GOVT. LAND IDENTIFIED IN VILLAGE SIKULAPDA, PHULJHAR & RAIDIHA UNDER BANSAPAL TAHASIL OF B.J.P. RANGE OF KEONJHAR FOREST DIVISION AGAINST KHANDBANDH IRON ORE MINES OF M/s ODISHA MINING CORPORATION LTD.

(@ Rs. 303.40/- per manday)

ELEMENTS OF THE SCHEME FOR COMPENSATORY AFFORESTATION

CHAPTER	PARTICULARS	PAGE NUMBER
I	BRIEF NOTE ON THE PROPOSED FOREST DIVERSION PROPOSAL	1 to 1
II	DETAILS OF LAND IDENTIFIED FOR COMPENSATORY AFFORESTATION	2 to 3
III	DELINEATION OF PROPOSED AREA ON SUITABLE MAP	3 to 3
IV	AGENCY RESPONSIBLE FOR COMPENSATORY AFFORESTATION	3 to 3
V	DETAILS OF WORK SCHEDULED PROPOSED FOR COMPENSATORY AFFORESTATION	4 to 5
VI	COST STRUCTURE OF PLANTATION, PROVISION OF FUNDS AND UTILIZATION	6 to 14
VII	DETAILS OF PROPOSED MONITORING MECHANISM	15 to 15

Decision Support System analysis of Non-forest land identified in village Sikulapda, Phuljhar & Raidiha under Bansapal Tahasil of B.J.P. Range

Sl. No.	Name of the Patch	Verified in Decision Support System (in ha)				Length of barbed wire fencing (in KM)
		Total Area	Non-forest	Open Forest	MDF	
1	Sikulapda Block- I	18	10	5	3	2.22
2	Sikulapda Block- II	44	8	22	14	4.10
3	Phuljhar	46	4	18	24	3.00
4	Raidiha Block- I	48	1	16	31	2.71
5	Raidiha Block- II	5	0	3	2	1.32
	Total	161	23	64	74	13.35

CHAPTER- I

BRIEF NOTE ON THE PROPOSED FOREST DIVERSION PROPOSAL

The mining lease of Khandbandh Iron ore mine was granted over 905.175 Acers or 366.311 ha vide letter No. III (A) II-9/63- 11708, dated 22.11.1963 of Govt. of Odisha Mining & Geology Department. The said Mining lease was executed on dated 30.11.1963 for a period of 30 years with effect from 30.11.1963 to 29.11.1993 over an area of 366.311 ha. The first RML was applied on 09.11.1992 one year prior to expiry of the original mining lease period. The second RML was applied on 06.11.2012 over the said area from extension of ML period 30.11.2013 to 29.11.2033.

The Mining Lease of Khandbandh Iron Ore Mines of M/s OMC Ltd lies between longitude E 85^0 23'12.66888" – 85^0 24' 45.86016" and latitude N 21^0 55' 40.27579'' – 21^0 57' 29.90066" in Survey of India topo sheet no. F 45 N 5. The said mining lease over 366.311 ha involves 97.217 ha Village Forest, 209.973 ha DLC forest land and 37.999 ha Non-forest land recorded as Forest as on 25.10.1980. The instant diversion proposal has been submitted over 345.189 ha (Revenue forest-97.217 ha, DLC Forest-209.973 ha and 37.999 ha Non- Forest land recorded as Forest as on 25.10.1980) including safety zone area over 6.77 ha Forest land for diversion under Section-2 (ii) of Forest (Conservation) Act, 1980. The certified status of the non-forest land, involved in the mining lease, depicts that 37.999 ha non-forest land in village Khandbandh, Guruda & Jaroli is Forest as on 25.10.1980. The total broken up land, involved in the mining lease, is 129.095 ha.

Non-forest Govt. land over 209.324 ha is required for compensatory afforestation for the said project. Out of 209.324 ha, 159.68 ha has been identified and allotted in villages Sikulapda, Phuljhar & Raidiha under BJP Range of Banspal Tahasil (earlier Telkoi Tahasil) of Keonjhar district vide letter No. 1740/Rev dated 29.06.2006 and letter No. 679/Rev dated 30.04.2009 of the Collector, Keonjhar and for 49.644 ha has been identified and allotted in villages Kerapai and Balangi under Thuamul Rampur Tahasil of Kalahandi (S) Division in Kalahandi District vide letter No. 53/Rev dated 09.01.2014 and letter No. 1971/Rev dated 19.12.2016 of the Collector, Kalahandiin favour of Khandbandh Iron Ore Mines of M/s OMC Ltd for Compensatory Afforestation. The present Compensatory Afforestation scheme has been prepared at the prevailing wages @Rs. 298.00 per man days with maintenance period of 10 (ten) years.

Earlier a compensatory afforestation scheme over 159.680 ha of non-forest Govt. land identified in villages Sikulapada, Raidiha and Phuljhar has been approved by PCCF (N) @ Rs. 286.30 per man day and @ 298.00. Labour Commissioner of Odisha letter no. 4864/LC dt. 22.07.2020 has revised the minimum wage rate to Rs. 303.40/- per man day. In this context the scheme has been revised @ Rs. 303.40/- per man day.

CHAPTER- II

DETAILS OF LAND IDENTIFIED FOR COMPENSATORY AFFORESTATION

A. LAND IDENTIFICATION AND JOINT VERIFICATION OF THE IDENTIFIED SITE.

The site for Compensatory Afforestation has been identified in village Sikulapda over 62.058 ha, Phuljhar over 46.397 ha & Raidiha over 51.225 ha under Bansapal Tahasil in B.J.P. Range of Keonjhar Forest Division over 159.680 ha and has been jointly verified by the Tahasildar, Bansapal, Revenue Inspector, Kanjipani, Range Officer, B.J.P. Range and Forest Section Officer, Kanjipani. The identified land has been allotted in favour of Khandbandh Iron Ore Mines of M/s Odisha Mining Corporation Ltd by the Collector, Keonjhar vide letter No.1740/Rev dated 29.06.2006 and letter No. 679/Rev dated 30.04.2009. The identified bearing Khata No. 51 & plot No. 10, 11(P), 176(P) & 317(P) of Sikulapda village, Khata No. 154(AAA) & plot No. 1836(P), 1945, 1946, 1969 & 1970 of Phuljhar village and Khata No. 35(AAA) & plot No. 136(P), 137, 138(P), 139(P) & 295(P) of Raidiha village.

B. INFORMATION ON NON-ENCROACHMENT AND NON-ENCUMBRANCE.

The Tahasildar, Bansapal has given certificate of non-encroachment and non-encumbrance in respect of the non-forest Govt. land identified and allotted for Compensatory Afforestation.

C. INFORMATION ON LAND STATUS.

The land schedule and land status of 159.680 ha land identified and allotted for Compensatory Afforestation is furnished hereunder:-

Tahasil	Village	Khata No.	Plot No.	Area taken for instant proposal for CA (in ha).	Kissam
Banspal	Sikulapda	51	10	16.000	Parbat- II
			11(P)	11.700	Parbat- II
			317(P)	17.100	Parbat- II
			176(P)	17.258	Parbat- II
			Total	62.058	
	Phuljhar	154	1836(P)	3.833	Parbat- II
			1945	10.086	Parbat- II
			1946	15.598	Parbat- II
			1969	12.344	Parbat- II
			1970	4.536	Parbat- II
			Total	46.397	
	Raidiha	35	136(P)	9.2310	Parbat- II
			137	15.2000	Parbat- II
			138(P)	15.7472	Parbat- II
			139(P)	6.6602	Parbat- II
			295(P)	4.3866	Parbat- II
			Total	51.2250	
	Grand Total			159.680	

D. SUITABILITY OF IDENTIFIED SITE FOR COMPENSATORY AFFORESTATION.

The identified land is free from encroachment and encumbrance. This land is neither covered under Section-4 of Orissa Forest Act, 1972 nor included in DLC report.

The non-forest Govt. land identified in villages Sikulapda, Phuljhar & Raidiha are in three patch situated in hilly slopes with existing growth of Sal and its associates. The slope of the identified site is moderate and suitable for Compensatory Afforestation in ANR with gap plantation model@ 400 seedling per ha over 159.680ha.

The topography of the area is mainly hilly. The soil is prone to erosion necessitating soil-moisture conservation measures. Available depth of sandy-loam soil is conducive for plantation with suitable soil-moisture conservation measures. The average temperature varies from 13.5° C minimum in December to 45°C maximum in May. The annual rainfall varies from 1200 mm to 1500 mm. The maximum rainfall is received during the rainy season from July to September. The identified land is considered for Compensatory Afforestation in ANR with gap plantation model over 159.680 ha. The CA scheme is envisaged to be executed with involvement of Sikulapda & Raidiha VSS.

CHAPTER-III

DELINEATION OF PROPOSED AREA ON SUITABLE MAP

GPS COORDINATES AND GPS MAP OF THE CA SITE

The area has been demarcated through GPS survey and 68nos of 4' height RCC pillars have been posted around the identified area and the GPS survey data showing latitude & Longitude of each point and their chainage with bearing has been depicted in the village sheet map (Map Enclosed). A durable sign board has been erected at the identified site at a conspicuous location with name of the project, year of allotment, name of the scheme, details of plots etc. depicted there on.

CHAPTER- IV

AGENCY RESPONSIBLE FOR COMPENSATORY AFFORESTATION

I. AGENCY RESPONSIBLE FOR PLACEMENT OF FUNDS

The user agency shall provide funds for raising CA as per the approved scheme.

II. AGENCY RESPONSIBLE FOR EXECUTION OF COMPENSATORY AFFORESTATION

The Territorial Wing of the Forest Department i.e. Divisional Forest Officer, Keonjhar Division will be assigned with the task for execution of CA.

CHAPTER- V

DETAILS OF WORK SCHEDULE PROPOSED FOR CA

A. PLANTING PLAN

Planting Plan reflects the species specific treatment of the identified site. Choice of species is based on the geo-morphology of the site, soil-texture, structure, fertility and depth, proneness of the site to water logging etc. Specific treatment of the site in terms of soil and moisture conservation intervention will be depicted in the treatment map. A treatment map will invariably be prepared for Species to be planted and treatments to be applied to the different patches shown in the treatment map and planting plan. This plan will be followed when actual planting is carried out.

Species to be planted:-

1. *Sizyziumcumini*(Jamu)
2. *Adina cardifolia*(Kuruma)
3. *Anogeissuslatifolia*(Dhaura)
4. *Accacia catechu* (Khair)
5. *Dalbergiasissoo*(Sissoo)
6. *Azadirrachtaindica*(Neem)
7. *Gmelinaarborea* (Gambar)
8. *Terminaliabelerica*(Bahada)
9. *Terminaliachebula*(Harida)
10. *Pongamiapinnata* (Karanja)
11. *Emblicaofficinalis* (Anla)

B. PRE-PLANTING OPERATION

B (I)-RAISING OF PLANTATION STOCK- NURSERY

Nursery will be raised @ 880/ ha seedlings for village-Sikulapada (over 62.058 ha) and @440/ ha seedlings for village- Phuljhar (over 46.397 ha) & Raidiha (over 51.2250 ha) including seedlings for 10% causality replacement under ANR model for 159.680ha.

Name of the village	Total area (in ha)	ANR plantation @ 800/ha	ANR with gap plantation @ 400/ha	Remarks
Sikulapada	62.058	62.058 ha	-	-
Phuljhar &	97.622	-	46.397	In vill-Phuljhar
Raidiha			51.2250	In vill-Raidiha

B (II)-SURVEY, DEMARCATION & PILLAR POSTING, GPS READING WITH MAPPING

The planting area has been surveyed and demarcated through GPS survey and 68 nos. of 4' height RCC pillars have been posted at inter visible distance (as per the direction of forest Range Officer, BJP Range) with GPS co-ordinates, forward and backward bearing, pillar No. and distance between pillars inscribed in it. A GPS map in the scale of 1:4000 has been prepared along with GPS co-ordinates forward and backward bearing, pillar No. and distance between pillars reflected in the map. A durable sign board has been erected at a conspicuous location with name of the site, scheme, area etc. depicted on it.

B (III)-SITE PREPARATION AND SILVICULTURAL OPERATION INCLUDING CLEARANCE OF WEED, CLIMBER CUTTING, HIGH STUMP CUTTING, SINGLING OF SHOOTS

The clearing of the site involving removal of invasive weeds, bushes, climbers, high stumps and singling of shoots will be taken up preferably by the end of February and latest by the end of March. Pits of the dimension 30 x 30 x 30 cm. will be dug @800 & @ 400 per ha in the available gaps over 159.68 ha preferably 2 months before or at least a month before planting of seedlings.

C. PLANTING OPERATION

Planting of seedlings will be taken up in the month of July. The polythene covering of the balls of earth will be carefully removed before planting. Care will be taken to see that the ball of earth is not broken while doing so. The seedling with the ball of earth will then be placed firmly in the pit and buried at such a depth that the root collar is well below the surface of the soil. The soil around the plant will be well compacted with the heal as a final step so that there is a proper bond between the ball and the surrounding soil. The earth close to the collar will be slightly elevated so that rain water does not accumulate very close to the plant.

D. POST PLANTING OPERATION

D (1)-CASUALTY REPLACEMENT

The entire area will be gone over in the same order as plantation was carried out and casualties, if any, will be replaced as soon as the main plantation operation is over.

D (2)-WEEDING AND SOIL WORKING

Regular and efficient weeding will start immediately after sprouting of the stumps is complete or after the seedlings have started throwing up new buds.

D (3)-MANURING AND INSECTICIDE APPLICATION

On degraded sites urban compost or farmyard manure, wherever available, will be added to the soil while refilling the pits. As regards artificial fertilizers, the minerals required and dosage @ 50 grammes of patent mixtures like 'Gromor' or N.P.K. (2:2:1) will be applied in two split doses one in August and the other in September.

D (4)-SOIL MOISTURE CONSERVATION MEASURES

Special Soil Moisture Conservation Measures will be taken up through construction of LBCD structures of dimension 10' x 10' x 5' to the tune of 160 nos. over the entire plantation site and Staggered trenches of 2.5 mt x 0.5 mt x 0.5 mt) @195 MD for 450 structures per ha over 159.680 ha.

D (5)-PROTECTION AGAINST FIRE AND BIOTIC INTERFERENCE

It is proposed to protect the CA plantation from grazing by domestic animals using Barbed wire fencing (7 Strands). The total length of such Barbed wire fencing for both the patches which comes to 13.35 Km (13350 M).Fire line tracing will be ensured to protect the plantation from fire and watch & ward will be provided as per the approved norm for protecting the plantation from grazing with involvement of Sikulapada & Raidiha VSS.

CHAPTER- VI

COST STRUCTURE OF PLANTATION, PROVISION OF FUNDS AND UTILIZATION

A. COST NORM FOR ANR PLANTATION @ 800 PLANTS PER HECTARE

WAGE RATE Rs. 303.40/- PER MANDAY (VILLAGE - SIKULAPADA)

SL. No	Item of Work	Preferable Period of Execution	Labour in Mandays	Lobour Cost (Rs)	Material Cost (Rs)	Total Cost in (Rs)
	0TH YEAR					
1	Survey, Demarcation and Pillar Posting, GPS Reading with mapping	Nov/Dec	2	606.80	0	606.8
2	Site Preparation	Nov/Dec	2	606.80	0	606.8
3	Silvicultural Operation including clearance of weed, climber cutting, high stump cutting, singling of shoots etc.	Jan/Feb	5	1517.00	0	1517.00
4	Nursery cost (6 months old seedling)part @ Rs.12.43/- seedling (Rs.8.67 in 0th year + Rs.3.76 in 1st year) for 880 seedlings (800+80)	Jan-Mar	22	6674.8	1470	8144.8
5	Contingency and Unforeseen Expenditures		0	0	230	230
	SUB TOTAL		31	9405.40	1700	11105.40
	Monitoring & Supervision charge 5% of the total cost					555.27
	GRAND TOTAL		31	9405.40	1700	11660.67
	1ST YEAR					
1	Nursery cost (6 months old seedling) balance @ Rs.3.76 for 880 seedlings	Apr-June	11	3337.40	230	3567.40
2	Pitting 30 cm cube size	Feb/Mar	24	7281.60	0	7281.60
3	Carriage and planting including casualty replacement	Jul/Aug	20	6068.00	0	6068.00
4	Complete weeding, Soil working, Manuring	Aug/Sep	24	7281.60	0	7281.60
5	Cost of Vermi compost 200 gms/plant @ Rs.20/- per kg = Rs.3200.00 and Granular Insecticide 5 gms/plant @ Rs.80/- per kg. =Rs.320.00	Aug/Sep	0	0	3520	3520
6	Cost of Chemical fertiliser (a) Urea 70 gms/plant in two subsequent doses @ Rs.6/- per kg =Rs.336.00 (b) NPK 50 gms/plant @ Rs.24/- per kg=Rs.960.00 as basal dose	Jul/Aug	0	0	1296	1296
7	Fire line Tracing and Inspection Path	Feb/Mar	3	910.20	0	910.20
8	Silvicultural Operation involving clearance of weeds, cutting of climbers, singling of shoots etc.	Sep/Oct	15	4551.00	0	4551.00
9	Soil Conservation Measures (Staggered trenches of dimension 2 m X 0.5 m X 0.5 m @ 60 nos per ha) or its equivalent	Sep/Oct	20	6068.00	0	6068.00
10	Watch & ward	Aug-Mar	7	2123.80	0	2123.80
11	Contingency and Unforeseen Expenditures		0	0	338	338
	SUB TOTAL		124	37621.6	5384	43005.60
	Monitoring & Supervision charge 5% of the total cost					2150.28
	GRAND TOTAL		124	37621.6	5384	45155.88

	2ND YEAR					
1	Casualty Replacement including cost of seedling, carriage and planting	Jul/Aug	4	1213.6	994.40	2208.00
2	Complete weeding and cultural operations	Sep/Oct	8	2427.20	0	2427.00
3	Soil working and manuring	Sep/Oct	8	2427.20	0	2427.20
4	Cost of Fertilizer and insecticide (a) Vermi compost 200gms/plant @ Rs.20/- per kg = Rs.3200.00 (b) Granular Insecticides 5 gms/plant for 80 plants 400 gms @ Rs.80/- per kg=Rs.32.00	Sep/Oct	0	0	3232	3232
5	Fire line Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
6	Soil Conservation Measures (Renovation of staggered trenches etc.)	Sep/Oct	8	2427.20	0	2427.20
7	Watch & ward (whole year)	Apr-March	7	2123.80	0	2123.80
8	Contingency and Unforeseen Expenditures		0	0	224	224
	SUB TOTAL		36	10922.4	4450	15372.40
	Monitoring & Supervision charge 5% of the total cost					768.62
	GRAND TOTAL		36	10922.4	4450	16141.02
	3RD YEAR					
1	Complete weeding and cultural operations	Aug/Sep	4	1213.60	0	1213.60
2	Soil working	Aug/Sep	4	1213.60	0	1213.60
3	Fire line Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
4	Watch & ward (whole year)	April-Mar	7	2123.80	0	2123.80
	SUB TOTAL		16	4854.40	0	4854.40
	Monitoring & Supervision charge 5% of the total cost					242.72
	GRAND TOTAL		16	4854.40	0	5097.12
	4TH YEAR					
1	Fire line Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operations	April-Mar	2	606.80	0	606.80
	SUB TOTAL		3	910.20	0	910.20
	Monitoring & Supervision charge 5% of the total cost					45.51
	GRAND TOTAL		3	910.20	0	955.71
	5th Year					
1	Fire line Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operations	April-Mar	2	606.80	0	606.80
	SUB TOTAL		3	910.20	0	910.20
	Monitoring & Supervision charge 5% of the total cost					45.51
	GRAND TOTAL		3	910.20	0	955.71
	6th Year					
1	Fire line Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operations	April-Mar	2	606.80	0	606.80
	SUB TOTAL		3	910.20	0	910.20
	Monitoring & Supervision charge 5% of the total cost					45.51
	GRAND TOTAL		3	910.20	0	955.71
	7th Year					
1	Fire line Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operations	April-Mar	2	606.80	0	606.80

	SUB TOTAL		3	910.20	0	910.20
	Monitoring & Supervision charge 5% of the total cost					45.51
	GRAND TOTAL		3	910.20	0	955.71
	8th Year					
1	Fire line Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operations	April-Mar	2	606.80	0	606.80
	SUB TOTAL		3	910.20	0	910.20
	Monitoring & Supervision charge 5% of the total cost					45.51
	GRAND TOTAL		3	910.20	0	955.71
	9th Year					
1	Fire line Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operations	April-Mar	2	606.80	0	606.80
	SUB TOTAL		3	910.20	0	910.20
	Monitoring & Supervision charge 5% of the total cost					45.51
	GRAND TOTAL		3	910.20	0	955.71
	10th Year					
1	Fire line Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operations	April-Mar	2	606.80	0	606.80
	SUB TOTAL		3	910.20	0	910.20
	Monitoring & Supervision charge 5% of the total cost					45.51
	GRAND TOTAL		3	910.20	0	955.71

ABSTRACT

SL. No	Item of Work	No. Person Day	Labour cost @ Rs 303.40/-per day	Material cost (Rs)	Monitoring & Supervision charge 5% of the total cost	Total cost in (Rs)
1	0th Year	31	9405.40	1700	555.27	11660.67
2	1st Year	124	37621.6	5384	2150.28	45155.88
3	2nd Year	36	10922.4	4450	768.62	16141.02
4	3rd Year	16	4854.40	0	242.72	5097.12
5	4th Year	3	910.20	0	45.51	955.71
6	5th Year	3	910.20	0	45.51	955.71
7	6th Year	3	910.20	0	45.51	955.71
8	7th Year	3	910.20	0	45.51	955.71
9	8th Year	3	910.20	0	45.51	955.71
10	9th Year	3	910.20	0	45.51	955.71
11	10th Year	3	910.20	0	45.51	955.71
TOTAL		228.00	69175.20	11534.00	4035.46	84744.66

Total cost of CA at village Sikulapada over 62.058 ha: Rs 52, 59,084.11

B. COST NORM FOR ANR PLANTATION @ 400 PLANTS PER HECTARE @ Rs 303.40 PER MANDAY (VILLAGE – RAIDIHA & PHULJHAR)

0th year (Advance work) Pre-planting operation.

Sl. No	Item of work	Preferable period of execution	Man days	Labour (Rs)	Material (Rs)	Total (Rs)
	0th year					

1	Survey demarcation and pillar posting, GPS reading with mapping	Nov/Dec	2	606.80	0	606.80
2	Site Preparation	Nov/Dec	2	606.80	0	606.80
3	Silviculture Operation including clearance of weed, climber cutting, high stump cutting, singling of shoots etc.	Jan/Feb	5	1517.00	0	1517.00
4	Nursery cost (6 months old seedling) part @ Rs. 9.45/- seedling (Rs. 6.67 in 0th) year + Rs. 2.78 in 1st year) for 440 seedlings (400+40)		11	3337.40	735.00	4072.40
5	Contingency and unforeseen expenditure		0	0	165.00	165.00
	Sub Total		**20**	**6068.00**	**900.00**	**6968.00**
	Monitoring & supervision charges 5% of the total cost					348.40
	Total		**20**	**6068.00**	**900.00**	**7316.40**
	1st year					
1	Nursery cost (6 months old seedling) balance @Rs. 2.78 for 440 seedlings	Apr-Jul	5	1517.00	255.00	1772.00
2	Pitting 30 cm cube size	Feb/Mar	12	3640.80	0	3640.80
3	Carriage and planting including casualty replacement	Jul/Aug	10	3034.00	0	3034.00
4	Complete weeding, Soil working, manuring	Aug/Sep	12	3640.80	0	3640.80
5	Cost of vermin compost @200gms/plant @Rs. 20/-per kg=Rs. 1600.00 and Granular insecticide 5 gms/ plant @ Rs. 80 per kg=Rs.160.00	Aug/Sep	0	0	1760.00	1760.00
6	Cost of chemical fertilizer (a) Urea 70 gms/plant in two subsequent doses @ Rs.6 per kg =Rs 168.00 (b) NPK 50 gms/plant @ Rs. 24/- per kg= Rs. 480.00 as basal dose		0	0	648.00	648.00
7	Silvicultural operation involving clearance of weeds, cutting of climbers, singling of shoots etc.	Sep/Oct	15	4551.00	0	4551.00
8	Soil Conservation Measures (Staggered trenches of dimension 2 m x o.5 mx 0.5 m@ 60 nos per ha) or its equivalent	Sep/Oct	20	6068.00	0	6068.00
9	Fire line Tracing and inspection path	Feb/Mar	3	910.20	0	910.20
10	Watch & ward	Aug-Mar	7	2123.80	0	2123.80
11	Contingency and unforeseen expenditure		0	0	319.00	319.00
	Sub Total		**84**	**25485.60**	**2982.00**	**28467.60**
	Monitoring & supervision charges 5% of the total cost					1423.38
	Total		**84**	**25485.60**	**2982.00**	**29890.98**
	2nd year					
1	Casualty Replacement including cost of seedling, carriage and planting	Jul/Aug	2	606.8	497.20	1104.00
2	Complete weeding and cultural operations	Sep/Oct	4	1213.60	0	1213.60
3	Soil working and manuring	Sep/Oct	4	1213.60	0	1213.60
4	Cost of fertilizer and insecticide (a) Vermicompost 200 gms/plant @ Rs. 20/ per kg=Rs.1600 (b) Granular insecticide 5 gms/plant for 40 plants 200gms @ Rs. 80/- per kg=Rs.16.00	Sep/Oct	0	0	1616.00	1616.00

5	Fire line Tracing and inspection path	Feb/Mar	1	303.40	0	303.40
6	Soil conservation Measures (Renovation of staggered trenches etc.)	Sep/Oct	8	2427.20	0	2427.20
7	Watch & ward (whole year)	Apr-Mar	7	2123.80	0	2123.80
8	Contingency and unforeseen expenditure		0	0	362.00	362.00
	Sub Total		26	7888.40	2475.20	10363.6
	Monitoring & supervision charges 5% of the total cost					518.18
	Total		26	7888.40	2475.20	10881.78
	3rd Year					
1	Complete weeding and cultural operations	Aug/Sep	2	606.80	0	606.80
2	Soil working	Aug/Sep	2	606.80	0	606.80
3	Fire line Tracing and inspection path	Feb/Mar	1	303.40	0	303.40
4	Watch & ward (whole year)	Apr-Mar	7	2123.80	0	2123.80
	Sub Total		**12**	**3640.80**	**0**	**3640.80**
	Monitoring & supervision charges 5% of the total cost					182.04
	Total		12	3640.80	0	3822.84
	4th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operation	Apr-Mar	2	606.80	0	606.80
	Sub-Total		**3**	**910.20**	**0**	**910.20**
	Monitoring & supervision charges 5% of the total cost					45.51
	Total		3	910.20	0	955.71
	5th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operation	Apr-Mar	2	606.80	0	606.80
	Sub-Total		**3**	**910.20**	**0**	**910.20**
	Monitoring & supervision charges 5% of the total cost					45.51
	Total		3	910.20	0	955.71
	6th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operation	Apr-Mar	2	606.80	0	606.80
	Sub-Total		**3**	**910.20**	**0**	**910.20**
	Monitoring & supervision charges 5% of the total cost					45.51
	Total		3	910.20	0	955.71
	7th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operation	Apr-Mar	2	606.80	0	606.80
	Sub-Total		**3**	**910.20**	**0**	**910.20**
	Monitoring & supervision charges 5% of the total cost					45.51
	Total		3	910.20	0	955.71
	8th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operation	Apr-Mar	2	606.80	0	606.80
	Sub-Total		**3**	**910.20**	**0**	**910.20**
	Monitoring & supervision charges 5% of the total cost					45.51

	Total		3	910.20	0	955.71
	9th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operation	Apr-Mar	2	606.80	0	606.80
	Sub-Total		3	910.20	0	910.20
	Monitoring & supervision charges 5% of the total cost					45.51
	Total		3	910.20	0	955.71
	10th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operation	Apr-Mar	2	606.80	0	606.80
	Sub-Total		3	910.20	0	910.20
	Monitoring & supervision charges 5% of the total cost					45.51
	Total		3	910.20	0	955.71

ABSTRACT

Year	Person days	Labour	Material	Monitoring & Supervision charge 5% of the total cost	Total
0th Year	20	6068.00	900.00	348.40	7316.40
1st Year	84	25485.60	2982.00	1423.38	29890.98
2nd Year	26	7888.40	2475.20	518.18	10881.78
3rd Year	12	3640.80	0	182.04	3822.84
4th Year	3	910.20	0	45.51	955.71
5th Year	3	910.20	0	45.51	955.71
6th Year	3	910.20	0	45.51	955.71
7th Year	3	910.20	0	45.51	955.71
8th Year	3	910.20	0	45.51	955.71
9th Year	3	910.20	0	45.51	955.71
10th Year	3	910.20	0	45.51	955.71
Total	163.00	49454.20	6357.20	2790.57	58601.97
Total cost of CA at village Phuljhar & Raidiha over 97.622 ha					5720841.52

C. ESTIMATE FOR BARBED WIRE FENCE

7 strands straight + 2 diagonal strands of 2 ply barbed wire on RCC posts fixed at 2.5 mtr intervals.

Two struts at every 10th pillar

Fence post size Length-8ft, Bottom width 6"x6", Top width-4"x4" Reinforced with 6mm rods

Minimum wage rate Rs. 303.40 per day for unskilled labourer

ANALYSIS OF RATE

1	Earth work in hard or gravelly soil within 50m. Initial lead and 1.5m. initial lift including rough dressing of clods to maximum 5 cm. to 7 cm and laying in layers not exceeding 0.3 m. in depth (per 100 cum.)			
	Mulia	43	303.40	13046.20
	2% sundries and T & P etc.			260.92
		Total		13307.12
2	Cement concrete (1:4:8) with 4 cm hard granite metal including lying, compacting, curing with all cost, conveyance, royalty of materials etc. (per 1 cum)			
	HG metal	0.96 cum	Rs 1223.40	1174.64
	Sand	0.48 cum	Rs 443.00	212.62
	Cement	1.72 qtl	Rs 630.00	1083.60
	Mason 2nd Class	0.18	Rs 343.40	61.81
	Man mulia	1.80	Rs 303.40	546.12
	Woman mulia	1.40	Rs 303.40	424.76
	Man mulia	0.70	Rs 303.40	212.38

		Total		3715.93
3	Cement Concrete (1:2:4) with 12 mm size C.B.H.G chips including cost, carriage & royalty etc complete			
	HG chips 12 mm	0.96 cum	Rs 1581.40	1518.14
	Sand	0.45 cum	Rs 443.42	199.53
	Cement	3.23 qtl	Rs 630.00	2034.90
	Mason 2nd Class	0.60	Rs343.40	206.04
	Mulia	4.6	Rs 303.40	1395.64
		Total		5354.25
4	Cutting, bending, binding, straightening and tying the grills and placing in position including cost of M.S Tor Steel and binding wire etc (Ref-A/R-2006 item No. 9 Page 52). Taking output for 1 quintal			
	Cost & carriage of HYSD Steel including 5% for wastage & overlapping	1.05 qtl	Rs 5500.00	5775.00
	Binding wire	8 kg	Rs 80/kg	640.00
	Labour for cutting, bending, shifting to site, tying & placing in position Mate	0.44	393.40	173.10
	Blacksmith Special	4	453.40	1813.60
	Semiskilled mulia	8	343.40	2747.20
		Total		11148.90

01) 02 ply barbed wire (5 Rmt per kg)
7 straight strand x 1000 Mt =7000Mt
2 Diagonal strand = 2 X $\sqrt{(6.5')^2 + (8.2')^2}$ = 2 x 10.50 ft
=21.00 ft x 400 nos=8400 ft or =2560Mt
=9560Mt

Cost per KM=9560/5=1912 Kg @ Rs.80/Kg Rs.1, 52,960.00

02). Construction of RCC pillars of size-
Length—8ft, Bottom width 6"x6", Top width-4"x4"
Reinforced with 6mm rods with proper curing
$\{8' \times \frac{6"+4"}{2}\} \times \frac{6"+4}{2}$ = 1.34 cft or 0.038 cum
i) Cost of c.c. work 1:2:4=0.038 cum @5354.25/cum = 203.46
ii) Cost of rod including cutting, bending & binding
0.038x0.9qtl=0.0342 qtl@ Rs. 11148.90/qtl. = 381.29
iv) Contingency (15%) including = 87.71
Curing, stacking, provision of hooks etc.
Rs.672.46

Requirement of pillars per KM-
Spacing=2.5mtx2.5mt
Requirement=1000mt/2.5mt = 400
Strut pillar in every 10th pillar=(400/10)x2 = 80
480 Nos
Cost of pillars per Kilometer= 480@ Rs 672.46 Rs.3, 22,780.80

03).Fitting fixing of RCC pillars in position with hbg metal (4cm) in C.M (1:4:8)
i) Digging of pits 1.5'x1.5'x1.5'=3.375cft/pit
for 480 pits, 480x3, 375=1620 cft or 45.86 cum @ Rs. 13307.12/100cum = Rs 6102.65
ii) Fixing of pillars with 4cm hbg metals in C.M 1:4:8
pit size-1.5'x1.5'x1.5' =3.375 cft
Deduct 1/3rd of butt of pillar i.e.3.375/3 = (-) 1.125 cft
Total c.c. work per pillar 2.25cft
For 480 pillars=480x2.25=1080cft or 30.577 cum @ Rs. 3715.93/cum Rs.1, 13,621.99

04). Labour for straightening the barbed wire and fixing & clipping with pillars
70M.d per km@ Rs 303.40 per manday = Rs.21, 238.00

05). Carriage of Barbed wire & pillars to work site
@ Rs.1000/tl. and cost of loading & unloading within 5 km distance

Approximately 10 tld @ 800/tld = Rs.18, 000.00

06). Provision of one Iron Gate of size (4' x 5') on LS = Rs. 7,500.00

Total = Rs.6, 42,203.44

Labour Cess 1% = Rs. 6,422.03

Expenditure per 1 km of barbed wire fencing Rs. 6, 48,625.47

07).Expenditure towards maintenance for 3 years (3rd, 6th & 9th year)

@ 2% of cost per rkm = 3 x 2% x Rs.6, 48,625.47 = Rs.38, 917.53

Expenditure per 1 km of barbed wire fencing including maintenance = Rs.6, 87,543.00

Or say Rs 6, 87,600.00

Total perimeter to be covered by Barbed wire fencing is 13.35 km. The total cost shall be Rs 687600 X 13.35 = Rs 9179460.00.

D. ESTIMATE FOR LOOSE BOULDER CHECK DAM (10' x 10' x 5')

LOOSE BOULER CHECK DAM

Size - 10' x 10' x 5'		
(i)	Requirement of boulder (Picked up and broken) $^1/_2$ (10' x 4') x 10' x 5' = 350 cft or 9.90 cum @ Rs. 185/- per cum Cost of Boulder @ Rs. 199/- per cum for 9.9 cum	Rs. 1,831.50/-
(ii)	Labour for construction of LBCD for 1 cum Mulia 1.04 No. x 303.40 = 315.54 Mason special 0.17 No. x 453.40 = 77.08 Stone packer 0.35 No. x 343.40 = 120.19 Total = 512.81 For 9.90 cum 9.90 x 512.81 =	Rs. 5076.82/-
		Rs. 6908.32/-
	(Rounded to)	Rs. 6909/-

For 1 cum Rs. 697.88/- per cum or Rs. 698/- per cum

N.B. The cost of transportation with a lead of 5 Kms- Rs. 156.40/- cum.

ABSTRACT		
Sl. No.	ITEM	REMARKS
1	In-situ collected, broken and utilized for construction of LBCD	Rs. 698/Cum
2	Cost of transportation within a lead of 5 Kms.	Rs. 156.40/Cum
Total		Rs. 854.40/Cum
For 9.9 Cum= 9.9 x 854.4= Rs. 8458.66 or say 8500/-		

ADDITIONAL COST PROPOSED

1	SMC measures- LBCD structure of dimension 10' x 10' x 5' @Rs. 8510.93/- per LBCD for 160 nos. LBCD structures.	8510.93 x 160 nos.	1361748.80
2	Staggered trenches of 2.5 x 0.5 x 0.5 mtr @60MD for 300 structures per ha or Rs. 18,204/- per ha over 159.68 ha	Rs. 18204 x 159.68 ha	2906814.72
3	Barbed wire fencing for 13.35 Km @Rs. 6,87,600/- per Km including gate with maintenance up to 9th year as per approved norm	Rs. 687600 x 13.35 Km	9179460.00
	Sub-Total		13448023.52

TOTAL COST OF PROJECT

1	Plantation over 62.058 ha @800 seedlings/ ha of Rs. 84744.66	5259084.11
2	Plantation over 97.622 ha @400 seedlings/ ha of Rs. 58601.97	5720841.52
	Total plantation cost over 159.68 ha	10979925.63
3	Additional Cos	13448023.52
	Sub-Total	24427949.15
4	15% of the total plantation cost towards Entry Point Activity/ Incentive to VSS etc.	3664192.37
	Total	28092141.52
5	Add Escalation Cost (20%)	5618428.30
	Grand Total	33710569.82
		Or say
		3,37,10,600.00

(Rupees three crore thirty-seven lakh ten thousand six-hundred) Only

A. PROVISION OF FUNDS AND FUND UTILIZATION

Rs. **3,37,10,600.00** (Rupees three crore thirty-seven lakh ten thousand six hundred) only shall be deposited by the user agency M/s Odisha Mining Corporation Ltd on approval of the scheme in Ad-hoc CAMPA Account and the funds will be utilized for raising of CA by the Divisional Forest Officer, Keonjhar Division on allotment by the Principal Chief Conservator of Forests, Odisha, Bhubaneswar.

Divisional Forest Officer,
Keonjhar Division

Revised Financial Outlay for **Compensatory Afforestation Scheme** over **159.680 ha** of non-forest land identified in village Sikulpada, Phuljhar and Raidihi under Banspal Tahasil of B.J.P Range of Keonjhar Division against **Khandbandh Iron Ore Mines** of **M/s OMC Ltd.**

(Wage Rate @ Rs.303.40 per MD)

Sl. No.	Description	Amount (Rs.)
1.	Cost of ANR Plantation @ 800 plants / ha over 62.058 ha @ Rs.84,809.55 per ha with 10 years maintenance	52,63,111.00
2.	Cost of ANR Plantation @ 400 plants / ha over 97.622 ha @ Rs.58,646.49 per ha with 10 years maintenance	57,25,188.00
3.	Soil Conservation Measures:	
	(i) L.B.C.D. of size 10 ft x 10 ft x 5 ft @Rs.8595.18 per structure for 160 no. structure	13,75,229.00
	(ii) Staggered trenches of size 2.5 mts x 0.5 mt x 0.5 mt. of 300 nos. per ha @ 60 MD or Rs.18,204/- per ha over 159.68 ha	29,06,815.00
4	Cost of Barbed wire fencing over 13.35 KM @ Rs.6,83,362/- per RKM with maintenance upto 3 years	91,22,883.00
	Total	**2,43,93,226.00**
5.	15% of the total plantation cost towards Entry Point Activity/ Incentive to VSS etc.	36,58,984.00
	Total	**2,80,52,210.00**
6.	Add Escalation Cost (20%)	56,10,442.00
	Total	**3,36,62,652.00 Or rounded off to 3,36,62,700.00**

~(Rupees Three crore thirty six lakhs sixty two thousand seven hundred) only

Technically Approved

Principal Chief Conservator of Forests
Forest Diversion & Nodal Officer, FC Act
22/10/20

Principal Chief Conservator of Forests
(Forest Diversion & Nodal Officer FC Act)
O/o. the P.C.C.F Odisha, Bhubaneswar

CHAPTER- VII

DETAILS OF PROPOSED MONITORING MECHANISM

Compensatory Afforestation will be taken up in the identified site by the Range Officer, BJP Forest Range of Keonjhar Division. The Range Forest Officer, BJP Forest Range will undertake field checks of the works undertaken at the identified site and will be cross checked by the Asst. Conservator of Forests, (Affn.) and Divisional Forest Officer, Keonjhar Division. GPS co-ordinates along with other required information of Compensatory Afforestation will be uploaded in the e-Greenwatch Portal of NIC, MoEF & CC, Govt. of India for the purpose of online monitoring. Annual progress of plantation involving growth of planted seedlings, survival percentage etc. will be monitored and recorded in the plantation journal by the field staffs of BJP Forest Range and reported to the Divisional Forest Officer for necessary action. The same thing will be reported to the Regional Chief Conservator of Forests, Rourkela Circle and Chief Conservator of Forests (PP&A), O/o the Pr. Chief Conservator of Forests, Odisha, Bhubaneswar and necessary corrective measures will be followed if required so.

12/2/25

Divisional Forest Officer,
Keonjhar Division

STATE FOREST HEADQUARTERS
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS, ODISHA, BHUBANESWAR

Memo No. 11046 /9F (MG) - 22/2018
Dated, Bhubaneswar the 06th July, 2021

To

The DFO, Keonjhar Forest Division.

Sub: **Proposal for diversion of 345.189 ha forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd in Keonjhar district, Odisha – Submission of revised financial outlays of CA Schemes at ₹ 311/- per manday regarding.**

In inviting a reference on the captioned subject, the revised financial outlay for Compensatory Afforestation Scheme over 159.680 ha of non-forest land identified in village Sikulpada, Phuljhar and Raidihi under Banspal Tahasil of BJP Range of your division against proposed diversion of the above mentioned project has been technically approved for ₹ 3,72,56,700/- (Rupees three crores seventy two lakhs fifty six thousand and seven hundred) only by Addl.PCCF (FD & NO, FC Act) at current wage rate of ₹ 311/- per manday is enclosed.

The revised financial outlay for Additional Compensatory Afforestation Scheme over 104.30 ha of degraded forest land identified in Baitarani RF under Champua Forest Range of your division to accommodate the balance 41720 nos of plants against proposed diversion of the above mentioned project has been technically approved for ₹ 1,42,50,600/- (Rupees one crore forty two lakhs fifty thousand and six hundred) only by Addl.PCCF(FD & NO, FC Act) at current wage rate of ₹ 311/- per manday is enclosed.

Similarly, the revised financial outlay for Compensatory Afforestation Scheme over 185.509 ha of non-forest land identified in village Balangi, Kerapai and Dalimguda under Thuamul-Rampur Tahasil in Kalahandi District of Kalahandi (South) Forest division against proposed diversion of the above mentioned project has been technically approved for ₹ 7,35,62,900/- (Rupees seven crores thirty five lakhs sixty two thousand and nine hundred) only by Add.PCCF(FD & NO,FC Act) at current wage rate of ₹ 311/- per manday is enclosed.

P.T.O

You are requested to raise demand on the user agency for payment of the amount through web portal of MoEF & CC and submit the deposit particulars of the amount paid in prescribed format alongwith updated Stage-I compliance.

This is most urgent.

Encl – Revised Financial outlays
over 159.680 ha, 104.30 ha & 185.509 ha

Addl.PCCF(FD & NO, FC Act)

Memo No. 11047 /Dt 06.07.2021

Copy forwarded to the RCCF, Rourkela Circle for information & necessary action in continuation to this office memo no. 18853 dated 29.10.2020.

Addl.PCCF(FD & NO, FC Act)

Memo No. 11048 /Dt 06.07.2021

Copy forwarded to the RCCF, Bhawanipatna Circle for information & necessary action in continuation to this office memo no. 18854 dated 29.10.2020.

Addl.PCCF(FD & NO, FC Act)

Memo No. 11049 /Dt 06.07.2021

Copy alongwith the revised financial outlay over 185.509 ha forwarded to the DFO, Kalahandi (South) Forest Division for information & necessary action in continuation to this office memo no. 18855 dated 29.10.2020.

Encl - Revised financial outlay over 185.509 ha

Addl.PCCF(FD & NO, FC Act)

Memo No. 11050 /Dt. 06.07.2021

Copy forwarded to the Executive Director, F&E, HO, OMC Ltd., OMC House, Bhubaneswar-751001 for information and necessary action in continuation to this office memo no. 18856 dated 29.10.2020.

Addl.PCCF(FD & NO, FC Act)

Revised Financial Outlay for Compensatory Afforestation Scheme over 159.680 ha of non-forest land identified in village Sikulpada, Phuljhar and Raidihi under Banspal Tahasil of B.J.P Range of Keonjhar Division against Khandbandh Iron Ore Mines of M/s OMC Ltd.

(Wage Rate @ Rs.311/- per MD)

Sl. No.	Description	Amount (Rs.)
1.	Cost of ANR Plantation @ 800 plants / ha over 62.058 ha @ Rs.86,647.89 per ha with 10 years maintenance	53,77,195.00
2.	Cost of ANR Plantation @ 400 plants / ha over 97.622 ha @ Rs.59,965.92 per ha with 10 years maintenance	58,53,993.00
3.	Soil Conservation Measures:	
	(i) L.B.C.D. of size 10 ft x 10 ft x 5 ft @Rs.8712.50 per structure for 160 no. structure	13,94,000.00
	(ii) Staggered trenches of size 2.5 mts x 0.5 mt x 0.5 mt. of 300 nos. per ha @ 60 MD or Rs.18,660/- per ha over 159.68 ha	29,79,629.00
4	Cost of GI Chain Link Mesh Fencing over 13.35 KM @ Rs.9,81,400/- per RKM with maintenance upto 3 years	1,31,01,690.00
	Total	2,87,06,507.00
5.	15% of the total plantation cost towards Entry Point Activity/ Incentive to VSS etc.	23,40,682.00
	Total	3,1047,189.00
6.	Add Escalation Cost (20%)	62,09,438.00
	Total	3,72,56,627.00 Or rounded off to 3,72,56,700.00

(Rupees Three Crore Seventy two lakhs fifty six thousand seven hundred) only

Technically Approved

Additional Principal Chief Conservator of Forests
Forest Diversion & Nodal Officer, FC Act

SCHEME FOR

SITE SPECIFIC COMPENSATORY AFFORESTATION

OVER

185.509 HA OF NON-FOREST GOVT. LAND

IDENTIFIED IN BALANGI, KERAPAI AND DALIMGUDA VILLAGES

UNDER THUAMUL RAMPUR TAHASIL

IN

KALAHANDI DISTRICT

AGAINST

KHANDABANDH IRON ORE MINES OF

ODISHA MINING CORPORATION LTD.
(A Govt. of Odisha Undertaking)
OMC HOUSE, POST BOX-34, BHUBANESWAR-1

(@ Rs. 303.40/- per manday)

Scheme for Compensatory Afforestation (CA) to be carried out over 185.509 ha of non-forest Govt. land allotted in villages Balangi, Kerapai and Dalimguda under Thuamul Rampur Tahasil of Kalahandi District in lieu of diversion of forest land pertaining to Khandabandh Iron Ore Mines of Odisha Mining Corporation Ltd. located in Keonjhar District.

MoEF & CC, Govt. of India vide F.No. 8-46/2018-FC, dt 31.01.2019 has accorded Stage-I Forest Clearance over 345.189 ha of forest land out of the total mining lease area of 366.311 ha pertaining to Khandabandh Iron Ore Mines of M/s Odisha Mining Corporation Limited (OMC) located in Keonjhar District of Odisha subject to compliance of several conditions. The condition no. (v) out of several others is read as follows:

"*User Agency shall pay CA for entire area before Stage-II Clearance. Thus, User Agency shall transfer the cost for raising and maintaining the compensatory afforestation in lieu of entire area proposed for diversion. i.e. 345.189 ha of forest land at the current wage rate in consultation with State Forest Department. Accordingly, CA cost shall be revised and duly approved by competent authority and deposited online in the CAF managed by CAMPA. The Scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years*"
Accordingly, the requirement of non-forest Govt. land for raising CA is worked out to be 345.189 ha out of which 159.68 ha of non-forest Govt. land has been allotted by Collector, Keonjhar for CA in village Sikulapada (62.058 ha), Phuljhar (46.397 ha) and Raidiha (51.2250 ha) under Banspal Tahasil of Keonjhar District. Therefore, balance 185.509 ha (345.189-159.68) of non-forest Govt. land has been allotted by Collector, Kalahandi. The details are given as under:

Sl.No.	Name of the village	Area allotted	Letter No & date
1	Kerapai	38.644 ha	Letter No. 35/Rev dt 09.01.2014
2	Balangi	11.00 ha	Letter No. 1971/Rev dt 19.12.2016
3	Dalimguda	135.865	Letter No.1132/Rev dt. 02.07.2019

On analysis through DSS it was found that around 49 ha of area in village Dalimguda, 2.152 ha in village Kerapai and 0.123 ha in village Balangi is coming under MDF category. Hence compensatory afforestation over total non-forest land in both the districts shall be raised in the following sites:

Sl No	District	Tahasil	Forest Division	Revenue Village	Area in hectare	Scheme	No. of seedlings
1.	Keonjhar	Bansapal	Keonjhar Forest Division	Sikulapada	62.058	ANR with 800 plants.	49646
2.	-do-	-do-	-do-	Raidiha	51.225	ANR with 400 plants.	20490
3.	-do-	-do-	-do-	Phuljhar	46.397	ANR with 400 plants.	18558
Sub-total					159.680		88694
4	Kalahandi	Thuamul Rampur	Kalahandi (S) Division	Bolangi	11.000	Bald Hill 10.877 ha with 1600 plants + ANR without gap over 0.123 ha.	17403
5.	-do-	-do-	-do-	Kerapai	38.644	Bald Hill 36.492 ha with 1600 plants + ANR	58387

						without gap over 2.152 ha.	
6	-do-	-do-	-do-	Dalimguda	135.865	Bald hill 86.865 ha with 1600 Plants + ANR without gap over 49.00 ha.	138984
Sub-total					**185.509**		**214774**
Grand Total					345.189		**303468**

The number of plants required to be planted over 345.189 ha as per the MoEF & CC guideline is worked out to be 345189 nos @ 1000 plants per hectare. The present scheme is prepared for CA over 185.509 ha in Balangi, Kerapai and Dalimguda villages under DFO, Kalahandi (S).

Non-forest land suitable for plantation in Balangi, Kerapai and Dalimguda villages under Thuamul Rampur Tahasil of Kalahandi District allotted in favour of OMC by the Collector, Kalahandi vide letter No. 35/Rev, dt. 09.01.2014, letter No. 1971/Rev dt. 19.12.2016 and letter No. 1132/ Rev. dt. 02.07.2019 respectively was jointly verified by Revenue, Forest and OMC and the letter of allotment order by Collector, Kalahandi is enclosed at **Annexure-A.**

The site specific schemes are therefore prepared as follows:

1. Details of non-forest land:

District: Kalahandi; Tahasil: Thuamul Rampur

Village	Khata No	Kisam	Plot No.	Area (Acr)	Area considered (Acr)
Kerapai	51 (AAA)	Dangar	307	27.50	26.902
		Dangar	311	20.03	20.03
		Dangar	365	13.23	13.23
		Dangar	366	23.58	23.58
		Dangar	367	11.75	11.75
	Sub-Total				**95.492 Ac or 38.644 ha**
Balangi	122 (AAA)	Dangar	196	29.00	27.18
	Sub-Total				**27.180 Ac or 11.000 ha.**
Dalimguda	26 (AAA)	Dangar	60	18.50	11.00
		Dangar	61	37.50	30.00
		Dangar	68	42.28	33.50
		Dangar	69	26.00	26.00
		Dangar	73	40.61	29.89
		Dangar	147	33.75	5.26
		Dangar	148	40.00	40.00
		Dangar	149	32.75	32.75
		Dangar	150	35.50	35.50
		Dangar	151	26.00	26.00
		Dangar	152	24.00	24.00
		Dangar	153	40.00	40.00
		Dangar	155	5.00	1.84
Sub-Total					**335.740 Ac or 135.865 ha**
Grand Total					**185.509 ha**

Topo sheet No. E44E15, E44F3 and E44F2 showing CA sites at village Balangi, Kerapai and Dalimguda respectively are enclosed as **Plate-I**. The village maps showing the land details for the proposed CA are enclosed as **Plate No. II (A, B & C)**. The jointly verified non-forest land by Forest and Revenue authorities is enclosed as **Annexure-B**. The GPS co-ordinates of survey stations & Key Plan of CA area shown on topo sheet is furnished as **Annexure-C Series.**

2. Description of the area

I. Whether the site selected for Compensatory Afforestation is a land bank or not: This identified non-forest area is under the control of Revenue Department and classified as 'Dangar'. It is not a land bank

II. If the CA site is other than the land bank, reasons be given: No land bank has been established yet for this purpose.

III. In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: Dalimguda is adjoining Arakhapedi RF, Kerapai is at a distance of 2.1 km from Mohangiri RF and Balangi is at a distance of 300 mtr from Singari RF.

IV. Soil type: The soil is eroded with exposed rocks in some areas. Good depth of loamy soils are available in blank plain areas and podu affected areas.

V. Topography :

a) Hilly/Undulating/Plain: The Compensatory Afforestation sites are hilly and undulating.

b) Slope: Steep/Medium/Gentle: The sites selected for Compensatory Afforestation have medium to gentle slope.

VI. Whether the area is bearing any root stock of vegetation: The sites selected for Compensatory Afforestation degraded Sal and root stock of Sal in some areas. Few big trees also occur in scattered manner.

VII. Suitability of the land for compensatory afforestation: The identified land is free from encroachment and encumbrance.

3. Plantation Model: Bald Hill plantation with 1600 plants per hectare will be raised over 10.877 ha in Balangi, over 36.492 ha in Kerapai and over 86.865 ha in Dalimguda. ANR without gap will be raised over 0.123 ha in Balangi, over 2.152 ha in Kerapai and over 49.00 ha in Dalimguda village. Maintenance of plantation for 10 years is also required as per F.No. 11-168/2009-FC date 14.02.2012 of MoEF. Cost norm for Bald Hill plantation is given at **Annexure-D** and ANR without gap plantation is furnished as **Annexure-E.**

4. Schedule of Plantation Programme:

Details of year wise break up of requirements of funds are given as under:

Year	Bald Hill with 1600 plants per ha			ANR without gap plantation		
	Area	Rate/Ha.	Amount	Area	Rate/Ha.	Amount
0th Year	134.234 Ha.	103116.93	13841797.98	51.275 Ha.	2867.13	147012.09
1st Year		91553.60	12289605.94		14223.51	729310.48
2nd Year		35709.87	4793478.69		5412.12	277506.45
3rd Year		18477.06	2480249.67		2863.56	146829.04
4th Year		16884.21	2266435.05		1060.71	54387.91
5th Year		16884.21	2266435.05		1060.71	54387.91
6th Year		16884.21	2266435.05		1060.71	54387.91
7th Year		16884.21	2266435.05		1060.71	54387.91
8th Year		16884.21	2266435.05		1060.71	54387.91
9th Year		16884.21	2266435.05		1060.71	54387.91
10th Year		16884.21	2266435.05		1060.71	54387.91
Total		367046.93	49270177.60		32791.29	1681373.39

5. Technical details: Technical details of Compensatory Afforestation Scheme are as follows:

a) General Details :

Survey & Demarcation of boundary: The identified area will be surveyed by DGPS and the area will be demarcated with RCC pillars of size 2.5 mtr x 30 cm x 30 cm. This work will be done by the User Agency at Project cost.

Fencing: To protect the plantation from grazing and other biotic interference, it will be provided with 7 strand straight and 2 strand crossed barbed wire fencing with RCC pillars, the cost for which will be paid by the User Agency. Since non-forest areas adjoining this site have also been taken for Compensatory Afforestation for other projects and barbed wire fencing will be done around the entire patch, the length of barbed wire fence needed in this project is furnished below.

Sl No	Village	Length of outer periphery of the site in mtr	Length of enclosures if required to be fenced	Length of common fence of adjoining project which need not be fenced	Total length of fence in mtr (3+4-5)
1	2	3	4	5	6
1	Balangi	1564	0	965 mtr with Sukurangi	599
2	Kerapai	2161	0	-	2161
3	Dalimguda Patch I	2299	0	469 mtr with Unchabali	1830
4	Dalimguda Patch II	4711	0	-	4711
Total		**10735**	**0**		**9301**

Estimate for barbed wire fencing has been provided in **Annexure-G.**

Planting and post-planting:

b) Plantation will be taken up in time as per cost norm. While taking up plantation, the following points shall be taken up for consideration:

- Care to be taken to raise healthy plantable seedlings of minimum 60 cm height. 10% extra seedlings are to be raised for replacement of casualty.
- Pitting shall invariably be done during November-February i.e., before onset of monsoon. If possible the soil of upper portion and lower portion of pit should be placed separately in specific direction so that while planting the pits will be filled with top-soil first.

- Planting shall be done on the onset of monsoon to get full benefit of monsoon rain and planting should never be delayed.
- Basal dose of 50 grams of NPK and 5 grams of Chlorpyriphos dust per plant should be applied at the time of planting carefully by mixing with top-soil so that the roots of seedlings do not come in direct contact with fertilizer.
- In case of any mortality of planted seedlings, it should be replaced with good seedlings as soon as possible for better success rate.
- Complete weeding in proper time will be done. Strip weeding will not be permitted.
- Soil-working and application of 2nd dose fertilizer of 50 gms NPK per plant should be done in time.
- Since the area is provided with barbed wire fence, watch & ward will be easier and the watchers may be engaged in weeding in problematic areas alongwith watch & ward.

c) **Species:**

Although indigenous species are to be preferred in the plantation, considering adverse soil & moisture conditions we may go for hardy exotic species where required so that the plants are able to survive. For success of plantation in interior tribal areas, plantation of fruit and NTFP species plays a great role since economic species have a little value for local people. Considering the topography, soil and moisture availability of the plantation area, the following species will be planted:

Name of species	Common name	Remarks
Azadirachta indica	Neem	
Derris indica	Karanja	
Emblica officinalis	Amla	
Terminalia chebula	Harida	In lower areas with good soil depth
Terminalia bellirica	Bahada	In lower areas with good soil depth
Dalbergia sissoo	Sissoo	In lower areas with good soil depth
Gmelina arborea	Gambhari	In lower areas with good soil depth
Dendrocalamus strictus	Salia bamboo	In lower areas with good soil depth healthy seedlings from rhizomes may be planted
Dalbergia sissoo	Sissu	In lower areas with good soil depth
Cassia siamea	Chakunda	In lower areas with good soil depth
Tamarindus indica	Tentuli	In lower areas with good soil depth
Madhuca indica	Mahul	Only two years old seedlings may be planted
Simaruba glauca	Simaruba	In rocky areas with low soil depth
Zizyphus mauritania	Ber	In rocky areas with low soil depth
Tectona grandis	Teak	Potted seedlings from pre-sprouted healthy stumps will be planted

Mangifera indica	Mango	In situ plantation (direct placing of mango stone in planting site) during pre-monsoon may be adopted in few lower areas or where life-saving watering can be done during summer

d) Soil and Moisture Conservation Works :

Since most of the areas are hilly and undulating, half-moon trenches on down-hill side of plants should be constructed within cost norm.

e) Protection of the plantation: 7 strand Barbed wire fences with RCC pillars all along the periphery of the plantation will be provided. Few watchers will also be engaged for protection of the plantation.

6. Proposed Monitoring Mechanism: - The scheme shall be executed by the Divisional Forest Officer, Keonjhar Forest Division with his staff and all prescribed records are to be maintained. Compensatory Afforestation work will be monitored by officers of State Forest Department and MoEF&CC.

7. Total cost of the project: The total cost of the project is Rs Rs **6,88,16,400.00 (Rupees Six Crore Eighty eight lakh Sixteen thousand Four hundred)** only as detailed in **Annexure-G** which shall be payable by the user agency as per demand of the DFO, Kalahandi (S) Forest Division.

Divisional Forests Officer
Kalahandi (S) Forest Division
Divisional Forest Officer
Kalahandi South Division

ANNEXURE: A

OFFICE OF THE COLLECTOR & DISTRICT MAGISTRATE: KALAHANDI

No. 53 /Rev- Date: 09.01.2014

To,

Divisional Forest Officer (South)
Kalahandi, Bhawanipatna

Sub: Filing of requisition for Compensatory Aforestation – allocation of non-forest Govt. land.

Ref: Your letter No. 6135 / 3F dated 18.12.2013.

Sir,

I am to say that non-forest Government land measuring to an area of Ac. 167.65 under Th.Rampur Tahasil has been identified and allotted for raising compensatory aforestation in lieu of the forest land pertaining to lease hold area of the granted mining lease against South-Kaliapani and Sukurangi Chromite Mines in Jajpur District and Khandabandh Iron Ore Mines in Keonjhar District of M/S. OMC Ltd., Bhubaneswar.

As such, you are requested to file necessary requisition before the Tahasildar, Th.Rampur for processing alienation proposal for sanction of the land in favour of Forest Department immediately.

Enc: Land schedule

Yours faithfully,

9.1.14
Collector,
Kalahandi

Memo No. 54 /Rev. Date: 09.01.2014

Copy alongwith joint verification report forwarded to Tahasildar, Th.Rampur for information. He is requested to process the alienation proposal in favour of the Forest Department on obtaining the requisition from the Divisional Forest Officer (South), Kalahandi

9.1.14
Collector,
Kalahandi

Memo No. 55 /Rev. Date: 09.01.2014

Copy to Sub-Collector, Bhawanipatna for information and necessary action.

9.1.14
Collector,
Kalahandi

Memo No. 56 /Rev. Date: 09.01.2014

Copy to Chairman-cum-MD, OMC Ltd., Odisha, Bhubaneswar with reference to his letter No. 13845/OMC dated 28.10.2013 for information and necessary action.

9.1.14
Collector,
Kalahandi

OFFICE OF THE COLLECTOR & DISTRICT MAGISTRATE: KALAHANDI

No. 1971 /Rev- Date: 19.12.2016

To,

Divisional Forest Officer (South)
Kalahandi, Bhawanipatna

Sub: Allotment of Govt. land for Compensatory Afforestation.

Ref: Your letter No.5211 dated 13.12.2016.

Sir,

I am to say that the enclosed schedule of non-forest Government land measuring Ac. 95.492 equivalent to 38.644 Ha under Th.Rampur Tahasil has been identified for allocation for raising compensatory afforestation in lieu of diversion of forest land coming within the lease hold area of the granted mining leases of Khandabandh Iron Ore in favour of O.M.C Ltd., Bhubaneswar.

You are requested to please file necessary requisition in Form No. 1-A before the Tahasildar, Th.Rampur for processing alienation proposal for sanction of the land in favour of Forest Department immediately.

Enc: as above.

Yours faithfully,

Collector
Kalahandi

Memo No. 1972 /Rev. Date: 19.12.2016

Copy alongwith copies of Joint verification report and sketch map forwarded to Tahasildar, Th.Rampur for information. He is requested to process the alienation proposal in favour of the Forest Department on obtaining the requisition from the Divisional Forest Officer (South), Kalahandi.

Collector
Kalahandi

Memo No. 1973 /Rev. Date: 19.12.2016

Copy to Sub-Collector, Bhawanipatna for information and necessary action.

Collector
Kalahandi

Memo No. 1974 /Rev. Date: 19.12.2016

Copy to Chairman-cum-Managing Director, Odisha Mining Corporation Ltd, Bhubaneswar with reference to his letter No. 17628/OMC dated 07.12.2016 for information and necessary action.

Collector
Kalahandi

OFFICE OF THE COLLECTOR & DISTRICT MAGISTRATE, KALAHANDI.

No. 1132 /Rev- /2019 dated. 02.07.2019

To

The Divisional Forest Officer (South)
Kalahandi, Bhawanipatna.

Sub:- Allotment of Govt. land for Compensatory Afforestation.

Ref:- Your letter No. 2757 dated 01.07.2019.

Sir,

I am to say that the enclosed schedule of non-forest Government land measuring Ac. 335.74 equivalent to 135.865 Ha in village- Dalimguda under Th. Rampur Tahasil has been identified and joint verification completed for allocation for raising compensatory afforestation towards diversion of forest land for mining and ancillary use of Khandabandh Iron Ore Mining Lease located in Keonjhar District of M/S O.M.C Ltd., Bhubaneswar.

You are requested to please file necessary requisition in Form No. 1-A before the Tahasildar, Th. Rampur for processing alienation proposal for sanction of the land in favour of Forest Department immediately.

Yours faithfully

Collector, 2.7.2019
Kalahandi.

Memo No. 1133 / Dated. 02.07.2019

Copy alongwith copies of joint verification report and sketch map forwarded to Tahasildar, Th. Rampur for information. He is requested to process the alienation proposal in favour of the Forest Department on obtaining the requisition from the Divisional Forest Officer (South), Kalahandi.

Collector,
Kalahandi.

Memo No. 1134 / Dated. 02.07.2019

Copy to Sub-Collector, Bhawanipatna for information and necessary action.

Collector,
Kalahandi.

Memo No. 1135 / Dated. 02.07.2019

Copy to Managing Director, Odisha Mining Corporation Ltd. Bhubaneswar for information and necessary action.

Collector,
Kalahandi.

ANNEXURE-B

JOINT VERIFICATION REPORT OF NON-FOREST GOVERNMENT LAND IN VILLAGE BALANGI UNDER THUAMUL RAMPUR TAHASIL OF KALAHANDI DISTRICT FOR RAISING COMPENSATORY AFFORESTATION AGAINST SOUTH-KALIAPANI & SUKURANGI CHROMITE MINES IN JAJPUR DISTRICT AND KHANDABANDHA IRON ORE MINES IN KEONJHAR DISTRICT OF M/s ODISHA MINING CORPORATION LIMITED

Certified that on joint field verification of non-forest Government land belonging to Dangar Kisam in Balangi village of Thuamul Rampur Tahasil of Kalahandi district, it is identified as per the schedule given below covering over an area of 167.65 Acres. The identified land is found to be suitable for Compensatory Afforestation (Block plantation) and it is free from encroachment and other encumbrances.

Name of the mines	Khata No.	Plot No.	Total area of the plot in Acr	Area recommended for Compensatory Afforestation in Acr	Kissam
South-Kaliapani	122 Abada Ajagya Anabadi	102	17.95	11.00	Dangar
Sukurangi		205	19.75	19.75	Dangar
		187	13.88	13.88	Dangar
		163	8.25	8.25	Dangar
		353	23.50	23.50	Dangar
		349	2.02	2.02	Dangar
		372	27.05	25.49	Dangar
		197	34.76	34.76	Dangar
		196	29.00	1.82	Dangar
Khandabandha		196	29.00	27.18	Dangar
	TOTAL			167.65 Acr	

Revenue Inspector	Forester	Revenue Supervisor	Forest Range Officer	Tahasildar	Divisional Forest Officer
Thuamul Rampur	Thuamul Rampur Section	Thuamul Rampur	Thuamul Rampur South Range	Thuamul Rampur	Kalahandi (S) Division
Revenue Inspector Thuamul Rampur	Forester Th.Rampur Section		Forest Range Officer TH. RAMPUR, SOUTH RANGE	Tahasildar Th.Rampur	Divisional Forest Officer Kalahandi (S) Division Bhawanipatna

16-11-2013 16-11-13 16-11-13 16/11/2013 16-11-13

Badchatarani

466

JOINT VERIFICATION REPORT OF NON-FOREST GOVT LAND IN VILLAGE KERAPAI UNDER TH.RAMPUR TAHASIL OF KALAHANDI DISTRICT FOR RAISING COMPENSATORY AFFORESTATION AGAINST KHANDABANDH MINIING LEASE OF OMC LTD LOCATED IN THE DISTRICT OF KEONJHAR,ODISHA

Certified that on joint verification of non-forest Govt land (Kissam-Dangar) in Village Kerapai of Th.Rampur Tahasil of Kalahandi District, it is found that the schedule wise land mentioned as given under is free from encroachments and encumbrances ; does not comes under DLC land and FR Settlement :

Name of the Mines	Name of the Village	Plot No	Khata No	Kissam	Total area of the Plot (Acr)	Area Considered (Acr)
Khandabandh Iron Ore Mines	Kerapai	307	51 (AAA)	Dangar	27.50	26.902
		311		Dangar	20.03	20.03
		365		Dangar	13.23	13.23
		366		Dangar	23.58	23.58
		367		Dangar	11.75	11.75

TOTAL AREA CONSIDERED -95.492 Ac or 38.644 ha

Revenue Inspector
Nakrundi

Section Forester
Forestor
Salsurni Section
Th.Rampur

Range officer
Th.Rampur (N) Range

Tahsildar 9/11/16
Th.Rampur
TAHASILDAR
Thuamal Rampur

OFFICE OF THE DIVISIONAL FOREST OFFICER KALAHANDI SOUTH DIVISION
At/Po-Parmanandapur,Bhawanipatna, Ward No.4,Rly Station Road Dist-Kalahandi, Odisha,Pin code-766002
Phone & Tele Fax No.-06670-230268 (O) Phone No.06670-230479 (R)
(E.Mail ID:- dfokids6@gmail.com)

SITE SUITABILITY CERTIFICATE

This is to certify that, the proposed land of 38.644 ha. is found suitable for plantation. The land is located in Village Kerapat under Th. Rampur North Range of Kalahandi South Division, for raising compensatory afforestation against Khandabandh Iron Ore Mining Lease of OMC Ltd.

Divisional Forest Officer,
Kalahandi South Division.

JOINT VERIFICATION REPORT OF NON-FOREST GOVERNMENT LAND IN VILLAGE DALIMAGUDA UNDER TH.RAMPUR TAHASIL OF KALAHANDI DISTRICT FOR RAISING COMPENSATORY AFFORESTATION (BALD HILL PLANTATION) IN LIEU OF THE FOREST LAND PROPOSED FOR DIVERSION FOR MINING AND ANCILLARY USE AGAINST KHANDABANDH IRON ORE MINING LEASE OF M/s ODISHA MINING CORPORATION LIMTED LOCATED IN THE DISTRICT OF KEONJHAR, ODISHA.

Certified that on joint verification of Non forest government land (Kissam – Dangar) in village Dalimagudaof Thuamul Rampur Tahasil of Kalahandi District, it is found that the scheduled wise land mentioned as given under is suitable for bald hill Block plantation and are free from encroachment and encumbrances, does not comes under DLC land and FR Settlement.

Name of the Mines	Name of the Village	Plot No.	Khata No.	Kissam	Total area of the plot (Acres)	Area considered in (Acres)	Type of Plantation in Hectares
Khandabandh Iron Ore Mining Lease	Dalimaguda	60	26 (AAA)	Dangar	18.50	11.00	Block Plantation 1600 Plants /HA
		61			37.50	30.00	
		68			42.28	33.50	
		69			26.00	26.00	
		73			40.61	29.89	
		147			33.75	5.26	
		148			40.00	40.00	
		149			32.75	32.75	
		150			35.50	35.50	
		151			26.00	26.00	
		152			24.00	24.00	
		153			40.00	40.00	
		155			5.00	1.84	
TOTAL						335.74 Acre Or 135.865 Ha	

Divisional Forest Officer
Kalahandi South Division

Revenue Inspector
Gunpur

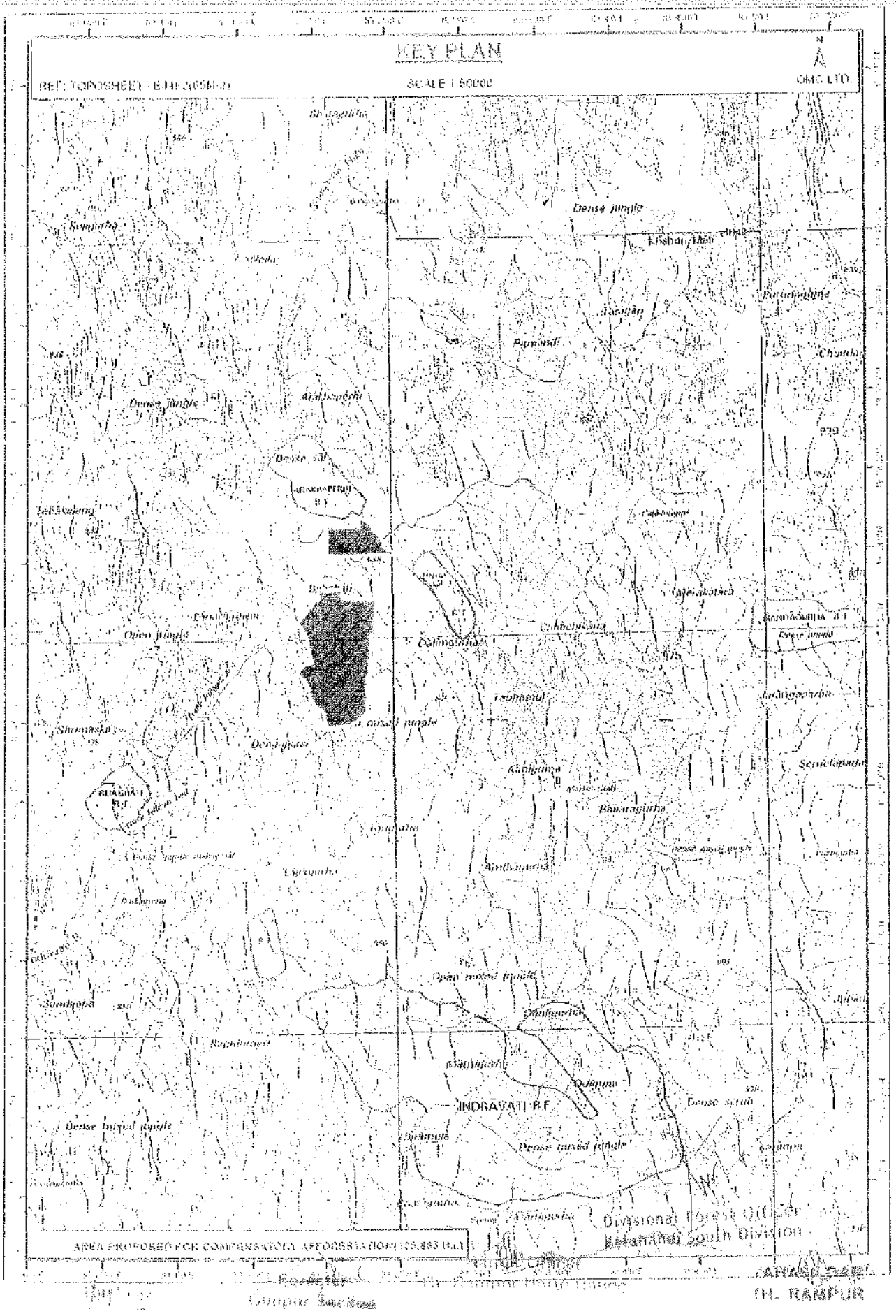
Forester
Gunpur Section

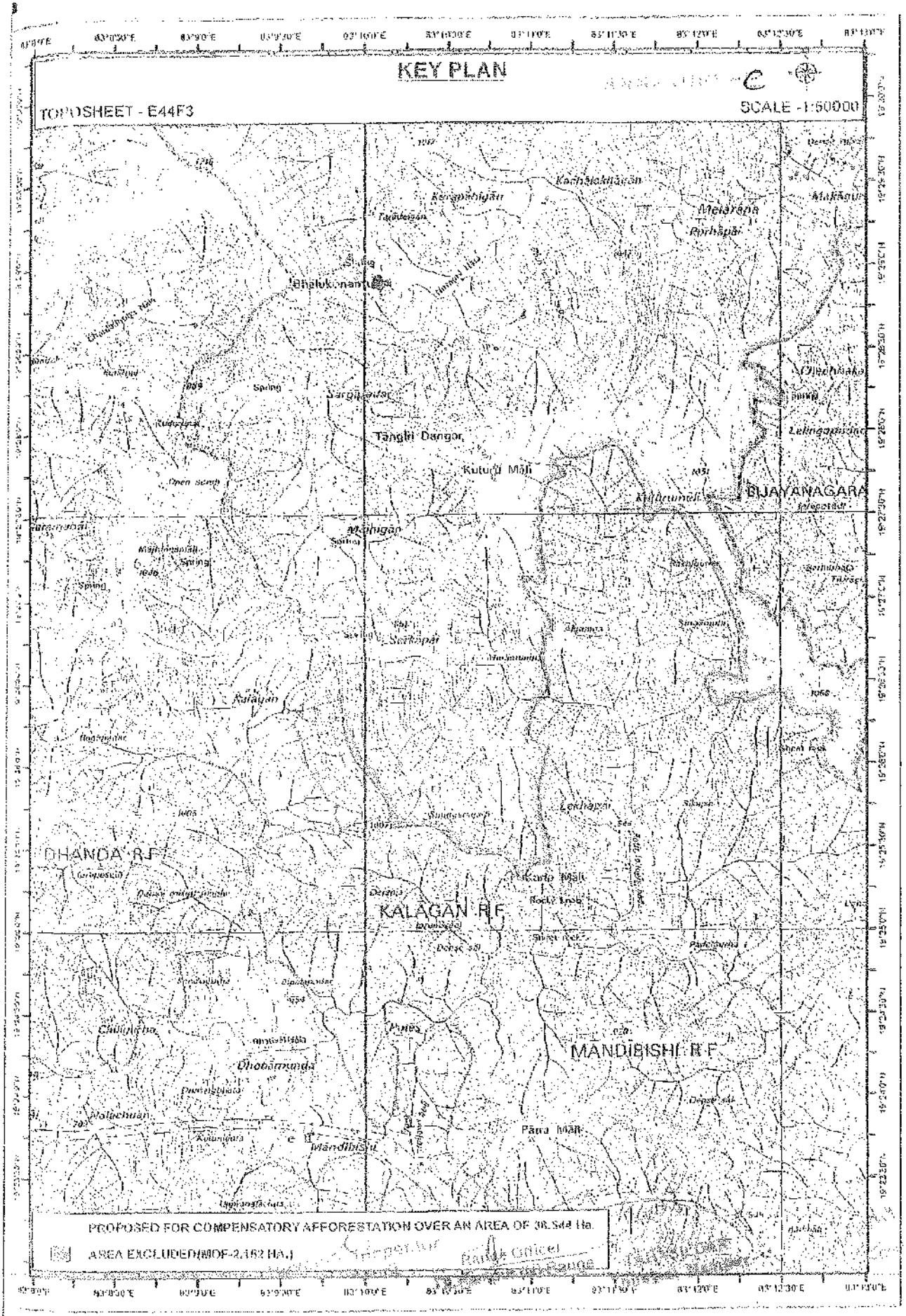
Range Officer
Th.Rampur(N)Range

Tahasildar
TH. RAMPUR



468 (A)


KEY PLAN
SCALE 1:50000
OMC LTD.
Dense jungle
Dense jungle
Dense sal
Open jungle
Dense mixed jungle
Open mixed jungle
Dense mixed jungle
INDRAVATI R.F.
Dense scrub
Dense mixed jungle
AREA PROPOSED FOR COMPENSATORY AFFORESTATION
Divisional Forest Officer
Kalahandi South Division
TH. RAMPUR


KEY PLAN
TOPOSHEET - E44F3
SCALE -1:50000
Bhalukonam
Tanglri Dangor
Kuturu Mali
BIJAYANAGARA
Kalagan
DHANDA R.F
KALAGAN R.F
MANDIBISHI R.F
Pātra Mali
Mandibishi
PROPOSED FOR COMPENSATORY AFFORESTATION OVER AN AREA OF 38.544 Ha.
AREA EXCLUDED(MOF-2.162 HA.)

ANNEXURE - C

Seiref

GPS READING OF THE AREA PROPOSED FOR CA

Village: Kerapai

From	To	Longitude	Latitude	F.Bearing	B.Bearing	Distance	Patch
1	2	83°10'48.52"	19°28'23.09"	337°43'05"	157°43'05"	167.49	PATCH-2
2	3	83°10'46.41"	19°28'28.15"	2°05'17"	182°05'17"	89.03	PATCH-2
3	4	83°10'46.56"	19°28'31.05"	17°10'01"	197°10'01"	16.27	PATCH-2
4	5	83°10'46.73"	19°28'31.55"	27°28'52"	207°28'52"	138.47	PATCH-2
5	6	83°10'48.97"	19°28'35.52"	27°28'52"	207°28'52"	61.09	PATCH-2
6	7	83°10'49.96"	19°28'37.27"	48°37'59"	228°37'59"	117.31	PATCH-2
7	8	83°10'53.02"	19°28'39.75"	64°48'07"	244°48'07"	80.30	PATCH-2
8	9	83°10'55.52"	19°28'40.83"	49°48'29"	229°48'29"	29.53	PATCH-2
9	10	83°10'56.30"	19°28'41.44"	33°52'05"	213°52'05"	44.01	PATCH-2
10	11	83°10'57.16"	19°28'42.62"	10°45'36"	190°45'36"	42.34	PATCH-2
11	12	83°10'57.45"	19°28'43.97"	9°08'10"	189°08'10"	40.11	PATCH-2
12	13	83°10'57.68"	19°28'45.25"	89°16'19"	269°16'19"	71.53	PATCH-2
13	14	83°11'00.14"	19°28'45.25"	179°02'10"	359°02'10"	303.65	PATCH-2
14	15	83°11'00.18"	19°28'35.38"	89°35'10"	269°35'10"	240.20	PATCH-2
15	16	83°11'08.41"	19°28'35.34"	221°26'46"	41°26'46"	29.77	PATCH-2
16	17	83°11'07.73"	19°28'34.62"	233°18'50"	53°18'50"	48.24	PATCH-2
17	18	83°11'06.39"	19°28'33.70"	231°19'19"	51°19'19"	66.94	PATCH-2
18	19	83°11'04.58"	19°28'32.36"	250°57'36"	70°57'36"	45.07	PATCH-2
19	20	83°11'03.11"	19°28'31.90"	230°59'13"	50°59'13"	71.23	PATCH-2
20	21	83°11'01.20"	19°28'30.47"	201°04'12"	21°04'12"	29.44	PATCH-2
21	22	83°11'00.82"	19°28'29.58"	213°57'32"	33°57'32"	88.92	PATCH-2
22	23	83°10'59.09"	19°28'27.20"	234°10'05"	54°10'05"	97.36	PATCH-2
23	24	83°10'56.36"	19°28'25.38"	252°45'18"	72°45'18"	125.11	PATCH-2
24	25	83°10'52.25"	19°28'24.22"	237°36'40"	57°36'40"	58.35	PATCH-2
25	26	83°10'50.54"	19°28'23.23"	257°50'28"	77°50'28"	23.26	PATCH-2
26	1	83°10'49.76"	19°28'23.08"	269°47'38"	89°47'38"	36.24	PATCH-2
		Total periphery				2.161 km	

VILLAGE DALIMGUDA

PATCH-I

POINTS		GEOGRAPHIC CO-RDINATES		BEARING		DISTANCE IN METERS
FROM	TO	LONGITUDE	LATITUDE	FORWARD	BACKWARD	
1	2	83°02'02.89"	19°38'01.00"	0°22'25"	180°22'25"	337.616
2	3	83°02'03.10"	19°38'11.97"	89°11'40"	269°11'40"	399.21
3	4	83°02'16.80"	19°38'12.00"	0°10'03"	180°10'03"	103.532
4	5	83°02'16.86"	19°38'15.37"	108°55'35"	288°55'35"	41.916
5	6	83°02'18.21"	19°38'14.91"	116°26'33"	296°26'33"	80.135
6	7	83°02'20.66"	19°38'13.72"	133°39'24"	313°39'24"	38.603
7	8	83°02'21.61"	19°38'12.85"	149°21'32"	329°21'32"	66.766
8	9	83°02'22.75"	19°38'10.96"	137°47'53"	317°47'53"	17.918
9	10	83°02'23.16"	19°38'10.53"	137°47'53"	317°47'53"	35.095
10	11	83°02'23.96"	19°38'09.67"	134°57'37"	314°57'37"	51.735
11	12	83°02'25.20"	19°38'08.47"	151°34'10"	331°34'10"	60.52

12	13	83°02'26.16"	19°38'06.73"	160°55'06"	340°55'06"	71.926
13	14	83°02'26.94"	19°38'04.51"	132°37'22"	312°37'22"	71.199
14	15	83°02'28.72"	19°38'02.92"	118°16'16"	298°16'16"	75.272
15	16	83°02'30.98"	19°38'01.74"	168°09'00"	348°09'00"	24.223
16	17	83°02'31.14"	19°38'00.96"	269°09'21"	89°09'21"	422.906
17	1	83°02'16.63"	19°38'00.93"	269°38'04"	89°38'04"	400.384
AREA-24.079 HA. & PERIMETER - 2298.956 Meter						

PATCH-II

POINTS		GEOGRAPHIC CO-RDINATES		BEARING		DISTANCE IN METERS
FROM	TO	LONGITUDE	LATITUDE	FORWARD	BACKWARD	
1	2	83°02'03.10"	19°36'55.84"	330°40'46"	150°40'46"	44.305
2	3	83°02'02.37"	19°36'57.11"	342°46'21"	162°46'21"	71.469
3	4	83°02'01.67"	19°36'59.34"	346°30'15"	166°30'15"	54.419
4	5	83°02'01.26"	19°37'01.06"	341°05'20"	161°05'20"	60.411
5	6	83°02'00.61"	19°37'02.93"	298°24'29"	118°24'29"	95.656
6	7	83°01'57.74"	19°37'04.44"	326°18'36"	146°18'36"	47.699
7	8	83°01'56.85"	19°37'05.74"	324°16'21"	144°16'21"	37.155
8	9	83°01'56.12"	19°37'06.73"	336°39'57"	156°39'57"	29.391
9	10	83°01'55.73"	19°37'07.61"	340°12'10"	160°12'10"	39.43
10	11	83°01'55.29"	19°37'08.82"	334°17'24"	154°17'24"	7.929
11	12	83°01'55.17"	19°37'09.06"	356°09'27"	176°09'27"	35.534
12	13	83°01'55.11"	19°37'10.21"	342°38'46"	162°38'46"	48.788
13	14	83°01'54.63"	19°37'11.73"	338°44'58"	158°44'58"	51.1
14	15	83°01'54.01"	19°37'13.28"	325°47'40"	145°47'40"	48.948
15	16	83°01'53.08"	19°37'14.61"	320°05'06"	140°05'06"	88.655
16	17	83°01'51.16"	19°37'16.84"	317°39'24"	137°39'24"	24.979
17	18	83°01'50.59"	19°37'17.45"	40°49'56"	220°49'56"	148.345
18	19	83°01'53.96"	19°37'21.06"	77°15'25"	257°15'25"	76.768
19	20	83°01'56.54"	19°37'21.58"	346°20'43"	166°20'43"	10.082
20	21	83°01'56.46"	19°37'21.90"	346°06'21"	166°06'21"	262.841
21	22	83°01'54.40"	19°37'30.22"	332°22'35"	152°22'35"	118.494
22	23	83°01'52.56"	19°37'33.66"	325°29'21"	145°29'21"	47.276
23	24	83°01'51.65"	19°37'34.94"	330°57'40"	150°57'40"	43.242
24	25	83°01'50.95"	19°37'36.17"	37°40'10"	217°40'10"	334.351
25	26	83°01'58.07"	19°37'44.70"	89°29'11"	269°29'11"	35.388
26	27	83°01'59.28"	19°37'44.69"	359°50'34"	179°50'34"	106.685
27	28	83°01'59.32"	19°37'48.16"	90°39'02"	270°39'02"	301.285
28	29	83°02'09.65"	19°37'47.94"	180°40'43"	0°40'43"	92.936
29	30	83°02'09.58"	19°37'44.91"	90°31'39"	270°31'39"	401.929
30	31	83°02'23.37"	19°37'44.64"	179°59'20"	359°59'20"	298.805
31	32	83°02'23.25"	19°37'34.92"	178°54'53"	358°54'53"	117.67
32	33	83°02'23.27"	19°37'31.10"	272°17'18"	92°17'18"	64.596
33	34	83°02'21.06"	19°37'31.21"	180°41'28"	0°41'28"	286.755
34	35	83°02'20.82"	19°37'21.88"	179°46'09"	359°46'09"	201.464
35	36	83°02'20.77"	19°37'15.33"	269°11'58"	89°11'58"	37.007
36	37	83°02'19.50"	19°37'15.33"	180°10'48"	0°10'48"	200.514
37	38	83°02'19.40"	19°37'08.81"	180°10'48"	0°10'48"	214.789
38	39	83°02'19.28"	19°37'01.83"	228°02'34"	48°02'34"	125.638

39	40	83°02'16.04"	19°36'59.13"	238°27'12"	58°27'12"	98.107
40	41	83°02'13.15"	19°36'57.50"	261°21'29"	81°21'29"	13.72
41	42	83°02'12.69"	19°36'57.44"	256°58'37"	76°58'37"	79.841
42	43	83°02'10.01"	19°36'56.88"	266°22'01"	86°22'01"	33.405
43	44	83°02'08.87"	19°36'56.83"	260°51'11"	80°51'11"	31.623
44	45	83°02'07.79"	19°36'56.67"	262°49'48"	82°49'48"	116.183
45	1	83°02'03.83"	19°36'56.25"	239°02'10"	59°02'10"	24.684
AREA-111.786 HA. & PERIMETER - 4710.291Meter						

VILLAGE: BALANGI

Points		Co-ordinates		BEARING		Distance in mtr
From	To	Longitude	Latitude	Forward	Backward	
A	B	82°53'45.121"	19°29'00.296"	359°44'00"	179°44'00"	302.21
B	C	82°53'45.105"	19°29'10.014"	0°00'00"	180°00'00"	201.77
C	D	82°53'45.117"	19°29'16.503"	89°43'00"	269°43'00"	271.28
D	E	82°53'54.304"	19°29'16.600"	177°43'00"	357°43'00"	202.66
E	F	82°53'54.651"	19°29'10.110"	270°04'00"	90°04'00"	77.46
F	G	82°53'51.954"	19°29'10.094"	180°00'00"	0°00'00"	212.21
G	H	82°53'51.935"	19°29'03.270"	339°23'00"	159°23'00"	19.16
H	I	82°53'51.707"	19°29'03.845"	326°42'00"	146°42'00"	18.70
I	J	82°53'51.360"	19°29'04.345"	224°17'00"	44°17'00"	14.64
J	K	82°53'51.012"	19°29'04.005"	180°45'00"	0°45'00"	29.45
K	L	82°53'51.016"	19°29'03.053"	210°23'00"	30°23'00"	56.47
L	M	82°53'50.020"	19°29'01.483"	233°19'00"	53°19'00"	37.54
M	N	82°53'48.994"	19°29'00.753"	212°14'00"	32°14'00"	14.31
N	A	82°53'48.820"	19°29'00.363"	269°26'00"	89°26'00"	106.34
Perimeter 1.564 km						

Divisional Forest Officer
Kalahandi South Division

ANNEXURE-D

COST NORM FOR BALD HILL PLANTATION @ 1600 PLANTS PER HECTARE

(Labour cost @Rs 303.40 per manday)

Sl No	Item of Work	Preferable Period of execution	Manday	Labour Cost (Rs)	Material Cost (Rs)	Total Cost in (Rs)
	PREPARATORY OPERATION (0TH YEAR)					
1	Survey and demarcation	June	2	606.8	0	606.8
2	Pitting (1600 per ha) each pit-45 cm^3	Nov-Dec	128	38835.20	0.00	38835.20
3	**Soil and water conservation measures** (a) Staggered trench along the contour @ 300 per ha (2.5mx0.5 m x0.5m); digging of percolation pits @ 600 per ha in lieu of staggered trenches, gully plugging and Drainage line treatment, half moon trench on the uphill side of each planting pit (100 MD for staggered trench / percolation pits and 30 MD for gully plugging, drainage line treatment and half moon trench).	Sep-Nov	130	39442.00	0.00	39442.00
	(b) Site clearance-8 MD, alignment and staking of contour lines on ground, planting pits, contour trenches/ percolation pits and check dam sites, etc.- 2 MD.	July-Aug	10	3034.00	0.00	3034.00
4	Raising of seedlings in poly bags (minimum 60 cm high) @ Rs.12.67 per seedling (Rs.8.83 in 0th year + Rs.3.84) Part (1760 saplings to be raised for one hectare)	Oct-Mar	44	13349.60	2939.00	16288.60
	TOTAL 0th year		**314**	95267.60	2939.00	**98206.60**
5	Monitoring & Supervision charge 5% of the total cost			0.00		4910.33
	GRAND TOTAL		**314**	95267.60	**2939.00**	**103116.93**
	PLANTING OPERATION (1ST YEAR)					
1	Cost of sapling (balance) from April-June/July @Rs.3.84 per seedling for 1760 seedlings	Apr-Jun	21.5	6523.10	593.00	7116.10
2	Freshening of pits -64 MD, filling with fertile soil and farm yard manure (FYM)-24 MD, application of insecticide and planting of 60 cm tall saplings including carriage of plants- 21 MD	Jun-Jul	109	33070.60	0.00	33070.60
3	Cost of Fertile Soil 0.25 cft @ Rs.8 per cft/FYM 0.25 cft @ Rs.15 per cft per pit		0	0.00	9200.00	9200.00
4	Sowing of seeds on dug out earth of trench	June	6	1820.40	200.00	2020.40

5	Carriage-6MD,Planting including Casualty replacement-6 MD, fertilizer application- 5 MD, 1st weeding-7 MD, 2nd weeding -5 MD, soil working- 7 MD	Jul-Aug	36	10922.40	0.00	10922.00
6	Cost of fertilizer and insecticide (Granular Insecticide @ 5 gms/plant @ Rs.80/- per kg=Rs.640.00, NPK 100 gms/plant in two doses @ Rs.24 per kg= 3840		0	0.00	4480.00	4480.00
7	Maintenance of soil and Moisture Conservation measures (20% of cost)	Oct-Dec	26	7888.40	0.00	7888.40
8	Closure to grazing fire and other biotic interference by engaging watch & ward	Apr-Mar	30	9102.00	0.00	9102.00
9	Fire tracing and control, display board construction, painting/writing, other misc. cost	Jan-Feb	10	3034.00	360.00	3394.00
	TOTAL (1st Year)		**238.5**	**72360.9**	**14833.00**	**87193.90**
10	Monitoring & Supervision charge 5% of the total cost			0.00		4359.70
	GRAND TOTAL		**238.5**	**72360.9**	**14833.00**	**91553.60**
	MAINTENANCE OPERATION (2ND YEAR)					
1	Casualty replacement- 6 MD including seedling cost @Rs.12.67 per seedling and its transportation	Jun-Jul	10	3034.00	1988.80	5022.80
2	Soil working- 7 MD, 1st weeding-6 MD, 2nd weeding -6 MD and fertilizer application -4 MD	Aug-Oct	23	6978.20	0.00	6978.20
3	Cost of fertilizer @ 50 gms NPK per plant @ Rs.24/- per kg for 1600 plants =Rs.1920.00 Insecticide @ 5 gm per plant for 160 nos. of plants @ Rs. 80 per KG = Rs. 64.00		0	0.00	1984.00	1984.00
4	Maintenance of Soil and Moisture Conservation measures (20% of cost)	Aug-Oct	26	7888.40	0.00	7888.40
5	Fire tracing and control and other miscellaneous cost	Feb-Mar	10	3034.00	0.00	3034.00
6	Closure to grazing, fire and other biotic interference by engaging watch and ward	Apr-Mar	30	9102.00	0.00	9102.00
	TOTAL 2nd Year		**99**	30036.60	**3972.80**	**34009.40**
7	Monitoring & Supervision charge 5% of the total cost			0.00		1700.47
	GRAND TOTAL		**99**	30036.60	**3972.80**	**35709.87**
	MAINTENANCE OPERATION (3RD YEAR)					
1	Closure to grazing, fire and other biotic interference by engaging watch and ward	Apr-Mar	18	5461.20	0	5461.20
2	SMC Measures 26 mandays and Maintenance of plantation 14 mandays		40	12136.00	0	12136.00
	TOTAL 3rd Year		**58**	17597.20	0	17597.20
3	Monitoring & Supervision charge 5% of			0.00		879.86

	the total cost					
	GRAND TOTAL		58	17597.20	0	18477.06
	MAINTENANCE OPERATION (4TH YEAR)					
1	Closure to grazing, fire and other biotic interference by engaging watch and ward	Apr-Mar	18	5461.20	0	5461.20
2	SMC Measures 21 mandays and Maintenance of plantation 14 mandays		35	10619.00	0	10619.00
	TOTAL 4th Year		53	16080.20	0	16080.20
3	Monitoring & Supervision charge 5% of the total cost			0.00		804.01
	GRAND TOTAL		53	16080.20	0	16884.21
	MAINTENANCE OPERATION (5TH YEAR)					
1	Closure to grazing, fire and other biotic interference by engaging watch and ward	Apr-Mar	18	5461.20	0	5461.20
2	SMC Measures 21 mandays and Maintenance of plantation 14 mandays		35	10619.00	0	10619.00
	TOTAL 4th Year		53	16080.20	0	16080.20
3	Monitoring & Supervision charge 5% of the total cost			0.00		804.01
	GRAND TOTAL		53	16080.20	0	16884.21
	MAINTENANCE OPERATION (6TH YEAR)					
1	Closure to grazing, fire and other biotic interference by engaging watch and ward	Apr-Mar	18	5461.20	0	5461.20
2	SMC Measures 21 mandays and Maintenance of plantation 14 mandays		35	10619.00	0	10619.00
	TOTAL 4th Year		53	16080.20	0	16080.20
3	Monitoring & Supervision charge 5% of the total cost			0.00		804.01
	GRAND TOTAL		53	16080.20	0	16884.21
	MAINTENANCE OPERATION (7TH YEAR)					
1	Closure to grazing, fire and other biotic interference by engaging watch and ward	Apr-Mar	18	5461.20	0	5461.20
2	SMC Measures 21 mandays and Maintenance of plantation 14 mandays		35	10619.00	0	10619.00
	TOTAL 4th Year		53	16080.20	0	16080.20
3	Monitoring & Supervision charge 5% of the total cost			0.00		804.01
	GRAND TOTAL		53	16080.20	0	16884.21
	MAINTENANCE OPERATION (8TH YEAR)					
1	Closure to grazing, fire and other biotic interference by engaging watch and ward	Apr-Mar	18	5461.20	0	5461.20
2	SMC Measures 21 mandays and Maintenance of plantation 14 mandays		35	10619.00	0	10619.00
	TOTAL 4th Year		53	16080.20	0	16080.20
3	Monitoring & Supervision charge 5% of the total cost			0.00		804.01
	GRAND TOTAL		53	16080.20	0	16884.21

	MAINTENANCE OPERATION (9TH YEAR)					
1	Closure to grazing, fire and other biotic interference by engaging watch and ward	Apr-Mar	18	5461.20	0	5461.20
2	SMC Measures 21 mandays and Maintenance of plantation 14 mandays		35	10619.00	0	10619.00
	TOTAL 4th Year		53	16080.20	0	16080.20
3	Monitoring & Supervision charge 5% of the total cost			0.00		804.01
	GRAND TOTAL		53	16080.20	0	16884.21
	MAINTENANCE OPERATION (10TH YEAR)					
1	Closure to grazing, fire and other biotic interference by engaging watch and ward	Apr-Mar	18	5461.20	0	5461.20
2	SMC Measures 21 mandays and Maintenance of plantation 14 mandays		35	10619.00	0	10619.00
	TOTAL 4th Year		53	16080.20	0	16080.20
3	Monitoring & Supervision charge 5% of the total cost			0.00		804.01
	GRAND TOTAL		53	16080.20	0	16884.21

ABSTRACT

Sl. No.	Year	No. Person Day	Labour cost @ Rs 303.40 per manday	Material cost (Rs)	Monitoring & Supervision charge 5% of the total cost	Total cost in (Rs)
1	0th Year	314	95267.60	2939.00	4910.33	103116.93
2	1st Year	238.5	72360.9	14833.00	4359.70	91553.60
3	2nd Year	99	30036.60	3972.80	1700.47	35709.87
4	3rd Year	58	17597.20	0	879.86	18477.06
5	4th Year	18	16080.20	0	804.01	16884.21
6	5th Year	18	16080.20	0	804.01	16884.21
7	6th Year	18	16080.20	0	804.01	16884.21
8	7th Year	18	16080.20	0	804.01	16884.21
9	8th Year	18	16080.20	0	804.01	16884.21
10	9th Year	18	16080.20	0	804.01	16884.21
11	10th Year	18	16080.20	0	804.01	16884.21
	Total	835.50	327823.70	21744.80	17478.43	367046.93

In case of Bald Hill Plantation, the hills having more than 30% slope will qualify for Bald Hill Plantation norm. In remaining areas of the hill, cost norm for normal plantation @ 1600 plants per hectare will be applicable. In case of highly refractory sites having rocky out crop having less than 30% slope, the concerned CFs/RCCFs I/C circle will have to certify specifically about the Bald Hill characteristics of the site. In case of high hills, the upper portion may quality for Bald Hill Cost Norm and the foot hill with normal soil depth may be taken up at par with norms applicable for normal plantation. But the provision of fencing Bald Hill Plantation Norms will be available for the entire plantation in such case also.

Divisional Forest Officer
Kalahandi South Division

Annexure-E

COST NORM FOR AIDED NATURAL REGENERATION (ANR without gap) PER HECTARE

Wage rate Rs 303.40 per Day.

Sl. No.	Item of Work	Preferable period of Execution	Person days	Labour Cost (Rs)	Material Cost (Rs)	Total Cost in (Rs)
	0TH YEAR					
1	Survey, Demarcation and Pillar Posting, GPS Reading with mapping	Nov/Dec	2	606.80	0	606.80
2	Site Preparation	Nov/Dec	2	606.80	0	606.80
3	Cutting of high stumps	Nov/Dec	5	1517.00		1517.00
	SUB TOTAL		9	2730.60	**0**	**2730.60**
4	Monitoring & Supervision charge 5% of the total cost			0.00		136.53
	GRAND TOTAL		9	2730.60	**0**	**2867.13**
	1ST YEAR OPERATION					
1	Silvicultural Operation involving clearance of weeds, cutting of climbers, singling of shoots etc.	Sep/Oct	15	4551.00	0	4551.00
2	Soil Conservation Measures (Staggered trenches of dimension 2 m X 0.5 m X 0.5 m @ 60 nos per ha) or its equivalent	Sep/Oct	20	6068.00	0	6068.00
3	Fireline Tracing and Inspection Path	Feb/Mar	3	910.20	0	910.20
4	Watch & ward	Aug-Mar	5	1517.00	0	1517.00
5	Contingency and Unforeseen Expenditures		0	0.00	500.00	500.00
	SUB TOTAL		43	13046.20	**500.00**	**13546.20**
6	Monitoring & Supervision charge 5% of the total cost			0.00		677.31
	GRAND TOTAL		43	13046.20	**500.00**	**14223.51**
	2ND YEAR OPERATION					
1	Soil Conservation Measures (Renovation of staggered trenches etc.)	Sep/Oct	8	2427.20	0	2427.20
2	Fireline Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
3	Watch & ward (whole year)	Apr-Mar	7	2123.80	0	2123.80
4	Contingency and Unforeseen Expenditures		0	0.00	300.00	300.00
	SUB TOTAL		16	4854.40	**300.00**	**5154.40**
5	Monitoring & Supervision charge 5% of the total cost			0.00		257.72
	GRAND TOTAL		16	4854.40	300.00	**5412.12**
	3RD YEAR OPERATION					
1	Fireline Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward (whole year)	Apr-Mar	7	2123.80	0	2123.80

3	Contingency and Unforeseen Expenditures		0	0.00	300.00	300.00
	SUB TOTAL		8	2427.20	**300.00**	**2727.20**
4	Monitoring & Supervision charge 5% of the total cost			0.00		136.36
	GRAND TOTAL		8	2427.20	**300.00**	**2863.56**
	4TH YEAR OPERATION					
1	Fireline Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operations	Apr-Mar	2	606.80	0	606.80
3	Contingency and Unforeseen Expenditures			0.00	100.00	100.00
	SUB TOTAL		3	910.20	**100.00**	**1010.20**
4	Monitoring & Supervision charge 5% of the total cost			0.00		50.51
	GRAND TOTAL		3	910.20	**100.00**	**1060.71**
	5TH YEAR OPERATION					
1	Fireline Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operations	Apr-Mar	2	606.80	0	606.80
3	Contingency and Unforeseen Expenditures			0.00	100.00	100.00
	SUB TOTAL		3	910.20	**100.00**	**1010.20**
4	Monitoring & Supervision charge 5% of the total cost			0.00		50.51
	GRAND TOTAL		3	910.20	**100.00**	**1060.71**
	6TH YEAR OPERATION					
1	Fireline Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operations	Apr-Mar	2	606.80	0	606.80
3	Contingency and Unforeseen Expenditures			0.00	100.00	100.00
	SUB TOTAL		3	910.20	**100.00**	**1010.20**
4	Monitoring & Supervision charge 5% of the total cost			0.00		50.51
	GRAND TOTAL		3	910.20	**100.00**	**1060.71**
	7TH YEAR OPERATION					
1	Fireline Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operations	Apr-Mar	2	606.80	0	606.80
3	Contingency and Unforeseen Expenditures			0.00	100.00	100.00
	SUB TOTAL		3	910.20	**100.00**	**1010.20**
4	Monitoring & Supervision charge 5% of the total cost			0.00		50.51
	GRAND TOTAL		3	910.20	**100.00**	**1060.71**
	8TH YEAR OPERATION					
1	Fireline Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40

2	Watch & ward and cultural operations	Apr-Mar	2	606.80	0	606.80
3	Contingency and Unforeseen Expenditures			0.00	100.00	100.00
	SUB TOTAL		3	910.20	**100.00**	**1010.20**
4	Monitoring & Supervision charge 5% of the total cost			0.00		50.51
	GRAND TOTAL		3	910.20	**100.00**	**1060.71**
	9TH YEAR OPERATION					
1	Fireline Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operations	Apr-Mar	2	606.80	0	606.80
3	Contingency and Unforeseen Expenditures			0.00	100.00	100.00
	SUB TOTAL		3	910.20	**100.00**	**1010.20**
4	Monitoring & Supervision charge 5% of the total cost			0.00		50.51
	GRAND TOTAL		3	910.20	**100.00**	**1060.71**
	10TH YEAR OPERATION					
1	Fireline Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operations	Apr-Mar	2	606.80	0	606.80
3	Contingency and Unforeseen Expenditures			0.00	100.00	100.00
	SUB TOTAL		3	910.20	**100.00**	**1010.20**
4	Monitoring & Supervision charge 5% of the total cost			0.00		50.51
	GRAND TOTAL		3	910.20	**100.00**	**1060.71**

ABSTRACT

SL. No.	Item of Work	No. Person Day	Labour cost @ Rs 303.40/- per day	Material cost (Rs)	Monitoring & Supervision charge 5% of the total cost	Total cost in (Rs)
1	0th Year operation	9	2730.60	0	136.53	2867.13
2	1st Year operation	43	13046.20	500.00	677.31	14223.51
3	2nd Year operation	16	4854.40	300.00	257.72	5412.12
4	3rd Year operation	8	2427.20	300.00	136.36	2863.56
5	4th Year operation	3	910.20	100.00	50.51	1060.71
6	5th Year operation	3	910.20	100.00	50.51	1060.71
7	6th Year operation	3	910.20	100.00	50.51	1060.71
8	7th Year operation	3	910.20	100.00	50.51	1060.71
9	8th Year operation	3	910.20	100.00	50.51	1060.71
10	9th year operation	3	910.20	100.00	50.51	1060.71
11	10th year operation	3	910.20	100.00	50.51	1060.71
TOTAL		**97**	**29429.8**	**1800**	**1561.49**	**32791.29**

Divisional Forest Officer
Kalahandi South Division

ESTIMATE FOR BARBED WIRE FENCE

7 strands straight + 2 diagonal strands of 2 ply barbed wire on RCC posts fixed at 2.5 mtr intervals.
Two struts at every 10th pillar
Fence post size Length-8ft,Bottom width 6"x6", Top width-4"x4"Reinforced with 6mm rods
Minimum wage rate Rs. 303.40 per day for unskilled labourer

ANALYSIS OF RATE

1	Earth work in hard or gravelly soil within 50m. Initial lead and 1.5m. initial lift including rough dressing of clods to maximum 5 cm. to 7 cm and laying in layers not exceeding 0.3 m. in depth (per 100 cum.)			
	Mulia	43	303.40	13046.20
	2% sundries and T & P etc.			260.92
		Total		**13307.12**
2	Cement concrete (1:4:8) with 4 cm hard granite metal including lying, compacting, curing with all cost, conveyance, royalty of materials etc. (per 1 cum)			
	HG metal	0.96 cum	Rs 1223.40	1174.64
	Sand	0.48 cum	Rs 443.00	212.62
	Cement	1.72 qtl	Rs 630.00	1083.60
	Mason 2nd Class	0.18	Rs 343.40	61.81
	Man mulia	1.80	Rs 303.40	546.12
	Woman mulia	1.40	Rs 303.40	424.76
	Man mulia	0.70	Rs 303.40	212.38
		Total		**3715.93**
3	Cement Concrete (1:2:4) with 12 mm size C.B.H.G chips including cost, carriage & royalty etc complete.			
	HG chips 12 mm	0.96 cum	Rs 1581.40	1518.14
	Sand	0.45 cum	Rs 443.42	199.53
	Cement	3.23 qtl	Rs 630.00	2034.90
	Mason 2nd Class	0.60	Rs343.40	206.04
	Mulia	4.6	Rs 303.40	1395.64
		Total		**5354.25**
4	Cutting, bending, binding, straightening and tying the grills and placing in position including cost of M.S Tor Steel and binding wire etc (Ref-A/R-2006 item No. 9 Page 52). Taking output for 1 quintal			
	Cost & carriage of HYSD Steel including 5% for wastage & overlapping	1.05 qtl	Rs 5500.00	5775.00
	Binding wire	8 kg	Rs 80/kg	640.00
	Labour for cutting, bending, shifting to site, tying & placing in position Mate	0.44	393.40	173.10
	Blacksmith Special	4	453.40	1813.60
	Semiskilled mulia	8	343.40	2747.20
		Total		**11148.90**

01) 02 ply barbed wire (5 Rmt per kg)

7 straight strand x 1000 Mt =7000Mt

2 Diagonal strand = $2 \times \sqrt{(6.5')^2 + (8.2')^2} = 2 \times 10.50$ ft

=21.00 ft x 400 nos=8400 ft or =2560Mt

=9560Mt

Cost per KM=9560/5=1912 Kg @ Rs.80/Kg — Rs.1, 52,960.00

02). Construction of RCC pillars of size-

Length—8ft, Bottom width 6"x6", Top width-4"x4"
Reinforced with 6mm rods with proper curing
$\{8' \times \frac{6"+4"}{2}\} \times \frac{6"+4}{2}$ = 1.34 cft or 0.038 cum

i) Cost of c.c. work 1:2:4=0.038 cum @5354.25/cum = 203.46
ii) Cost of rod including cutting, bending & binding
0.038x0.9qtl=0.0342 qtl@ Rs. 11148.90/qtl. = 381.29
iv) Contingency (15%) including = 87.71
Curing, stacking, provision of hooks etc.
Rs.672.46

Requirement of pillars per KM-
Spacing=2.5mtx2.5mt
Requirement=1000mt/2.5mt = 400
Strut pillar in every 10th pillar = (400/10)x2 = 80
480 Nos

Cost of pillars per Kilometer= 480@ Rs 672.46 — Rs.3, 22,780.80

03) Fitting fixing of RCC pillars in position with hbg metal (4cm) in C.M (1:4:8)

i) Digging of pits 1.5'x1.5'x1.5'=3.375cft/pit
for 480 pits, 480x3, 375=1620 cft or 45.86 cum @ Rs. 13307.12/100cum =Rs 6102.65

ii) Fixing of pillars with 4cm hbg metals in C.M 1:4:8
pit size-1.5'x1.5'x1.5' =3.375 cft
Deduct 1/3rd of butt of pillar i.e.3.375/3 = (-) 1.125 cft
Total c.c. work per pillar 2.25cft
For 480 pillars=480x2.25=1080cft or 30.577 cum @ Rs. 3715.93/cum — Rs.1, 13,621.99

04) Labour for straightening the barbed wire and fixing & clipping with pillars
70M.d per km@ Rs 303.40 per manday = Rs.21, 238.00

05) Carriage of Barbed wire & pillars to work site
@Rs.1000/tl. and cost of loading & unloading within 5 km distance
Approximately 10 tld @ 800/tld = Rs.18, 000.00

06). Provision of one Iron Gate of size (4' x 5') on LS = Rs. 7,500.00

Total = Rs.6, 42,203.44
Labour Cess 1% = Rs. 6,422.03

Expenditure per 1 km of barbed wire fencing — Rs.6, 48,625.47

07) Expenditure towards maintenance for 3 years (3rd, 6th & 9th year)
@ 2% of cost per rkm = 3 x 2% x Rs.6, 48,625.47 = Rs.38, 917.53

Expenditure per 1 km of barbed wire fencing including maintenance = Rs.6, 87,543.00
Or say Rs 6, 87,600.00

Divisional Forest Officer
Kalahandi South Division

Revised Financial Outlay of **Compensatory Afforestation Scheme** over an area of **185.509 ha** of **non-forest land** identified in **village Balangi, Kerapai & Dalimguda** under Thuamul-Rampur Tahasil in Kalahandi District in lieu of diversion of forest land pertaining to **Khandbandh Iron Ore Mining** Lease in Keonjhar District of **M/s Odisha Mining Corporation Ltd.**

(Wage Rate @ Rs.303.40 per MD)

Sl. No.	Description	Amount (Rs.)
1.	Cost of Bald Hill Plantation @ 1600 Plants per ha over 134.234 ha without provision of fencing @ Rs.3,67,196.55 per ha with 10 years maintenance	4,92,90,127.00
2.	Cost of ANR without gap plantation over 51.275 ha @ Rs.32,791.29 per ha with 10 years maintenance	16,81,373.00
3.	Cost of barbed wire fencing around the plantation site over 9.301 Kms @ Rs.6,83,362/- per RKM with 3 years maintenance	63,55,950.00
	Total	**5,73,27,450.00**
4.	Add Escalation Cost (20%)	1,14,65,490.00
	Grand Total	**6,87,92,940.00 Or rounded off to 6,87,93,000.00**

(Rupees Six Crore eighty seven lakhs ninety three thousand) only

Technically Approved

Principal Chief Conservator of Forests
Forest Diversion & Nodal Officer, FC Act

22/10/20

Principal Chief Conservator of Forests
(Forest Diversion & Nodal Officer FC Act)
O/o. the P.C.C.F Odisha, Bhubaneswar

ANNEXURE-G

TOTAL COST OF THE COMPENSATORY AFFORESTATION SCHEME

Sl. No.	Item of Work	Total Estimated cost in Rs.
1	Barbed wire fence around plantation site Rs ~~6,87,600/-~~ 6,83,362/- X 9.301 km	~~6395367.60~~ 63,55,950.60
2	Bald Hill plantation with 1600 plants per ha over 134.234 ha X Rs. ~~367046.93~~ 3,67,196.55 without Provision of Fencing with 10 years Maintenance.	~~49270177.60~~ 4,92,90,127.00
3	ANR without gap over 51.275 ha X Rs. 32791.29 Per ha with 10 years Maintance	~~1681373.395~~ 16,81,373.00
	Total	~~57346918.60~~ 5,73,37,450.00
5	Cost escalation in future 20%	~~11469383.72~~ 1,14,65,490.00
	Grand Total	~~68816302.32~~ 6,87,92,940.00 or say ~~Rs 6,88,16,400.00~~

(Rupees six crore eighty ~~eight~~ lakh ~~sixteen~~ thousand ~~four hundred~~) only (Seven Ninety three) Rs. 6,87,93,000.00

Divisional Forest Officer,
Kalahandi South Division.
Divisional Forest Officer
Kalahandi South Division

STATE FOREST HEADQUARTERS
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS, ODISHA,
BHUBANESWAR

Memo No. 11046 /9F (MC) - 22/2018
Dated, Bhubaneswar the 06th July, 2021

To

The DFO, Keonjhar Forest Division.

Sub: Proposal for diversion of 345.189 ha forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd in Keonjhar district, Odisha – Submission of revised financial outlays of CA Schemes at ₹ 311/- per manday regarding.

In inviting a reference on the captioned subject, the revised financial outlay for Compensatory Afforestation Scheme over 159.680 ha of non-forest land identified in village Sikulpada, Phuljhar and Raidihi under Banspal Tahasil of BJP Range of your division against proposed diversion of the above mentioned project has been technically approved for ₹ 3,72,56,700/- (Rupees three crores seventy two lakhs fifty six thousand and seven hundred) only by Addl.PCCF (FD & NO, FC Act) at current wage rate of ₹ 311/- per manday is enclosed.

The revised financial outlay for Additional Compensatory Afforestation Scheme over 104.30 ha of degraded forest land identified in Baitarani RF under Champua Forest Range of your division to accommodate the balance 41720 nos of plants against proposed diversion of the above mentioned project has been technically approved for ₹ 1,42,50,600/- (Rupees one crore forty two lakhs fifty thousand and six hundred) only by Addl.PCCF(FD & NO, FC Act) at current wage rate of ₹ 311/- per manday is enclosed.

Similarly, the revised financial outlay for Compensatory Afforestation Scheme over 185.509 ha of non-forest land identified in village Balangi, Kerapai and Dalimguda under Thuamul-Rampur Tahasil in Kalahandi District of Kalahandi (South) Forest division against proposed diversion of the above mentioned project has been technically approved for ₹ 7,35,62,900/- (Rupees seven crores thirty five lakhs sixty two thousand and nine hundred) only by Add.PCCF(FD & NO,FC Act) at current wage rate of ₹ 311/- per manday is enclosed.

P.T.O

You are requested to raise demand on the user agency for payment of the amount through web portal of MoEF & CC and submit the deposit particulars of the amount paid in prescribed format alongwith updated Stage-I compliance.

This is most urgent.

Encl – Revised Financial outlays
over 159.680 ha, 104.30 ha & 185.509 ha

Addl.PCCF(FD & NO, FC Act)

Memo No. 11047 /Dt 06.07.2021

Copy forwarded to the RCCF, Rourkela Circle for information & necessary action in continuation to this office memo no. 18853 dated 29.10.2020.

Addl.PCCF(FD & NO, FC Act)

Memo No. 11048 /Dt 06.07.2021

Copy forwarded to the RCCF, Bhawanipatna Circle for information & necessary action in continuation to this office memo no. 18854 dated 29.10.2020.

Addl.PCCF(FD & NO, FC Act)

Memo No. 11049 /Dt 06.07.2021

Copy alongwith the revised financial outlay over 185.509 ha forwarded to the DFO, Kalahandi (South) Forest Division for information & necessary action in continuation to this office memo no. 18855 dated 29.10.2020.

Encl - Revised financial outlay over 185.509 ha

Addl.PCCF(FD & NO, FC Act)

Memo No. 11050 /Dt. 06.07.2021

Copy forwarded to the Executive Director, F&E, HO, OMC Ltd., OMC House, Bhubaneswar-751001 for information and necessary action in continuation to this office memo no. 18856 dated 29.10.2020.

Addl.PCCF(FD & NO, FC Act)

Revised Financial Outlay of Compensatory Afforestation Scheme over an area of 185.509 ha of non-forest land identified in village Balangi, Kerapai & Dalimguda under Thuamul-Rampur Tahasil in Kalahandi District in lieu of diversion of forest land pertaining to Khandbandh Iron Ore Mining Lease in Keonjhar District of M/s Odisha Mining Corporation Ltd.

(Wage Rate @ Rs.311/- per MD)

Sl. No.	Description	Amount (Rs.)
1.	Cost of Bald Hill Plantation @ 1600 Plants per ha over 134.234 ha without provision of fencing @ Rs.3,75,860.73 per ha with 10 years maintenance	5,04,53,289.00
2.	Cost of ANR without gap plantation over 51.275 ha @ Rs.33,565.35 per ha with 10 years maintenance	17,21,063.00
3.	Cost of GI Chain Link Mesh fencing around the plantation site over 9.301 Kms @ Rs.9,81,400/- per RKM with 3 years maintenance	91,28,001.00
	Total	6,13,02,353.00
4.	Add Escalation Cost (20%)	1,22,60,471.00
	Grand Total	7,35,62,824.00 Or rounded off to 7,35,62,900.00

(Rupees Seven Crore thirty five lakhs sixty two thousand nine hundred) only

Technically Approved

Additional Principal Chief Conservator of Forests
Forest Diversion & Nodal Officer, FC Act

189

OFFICE OF THE REGIONAL CHIEF CONSERVATOR OF FORESTS,
ROURKELA CIRCLE, AT/P.O. PANPOSH, ROURKELA-769 004.

Memo No. 1819 /3F-119/2020 Date: 17-07-2020

To

The Principal Chief Conservator of Forests
(Forest Diversion & Nodal Officer, FC Act),
O/o the Principal Chief Conservator of Forests, Odisha.

Sub: Proposal for diversion of 345.189 ha Forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, Odisha.

X-Sub: Submission of CA scheme over 104.34 ha degraded forest land identified in Baitarani RF near village-Mukundpur.

Ref: 1. Your Memo No. 21963 Dtd.12.12.2019
2. Memo No.4006 Dtd. 03.07.2020 of the DFO, Keonjhar Division.

The DFO, Keonjhar Division vide his Memo No.4005 Dtd. 03.07.2020 addressed to the undersigned and copy endorsed to you in the next Memo of even date has submitted the scheme for Compensatory Afforestation over 104.30 ha of degraded Forest land identified in Baitarani RF near Mukundpur village at the current wage rate of Rs.298.00 per man day to accommodate the balance 41720 nos. of seedlings. The said CA scheme is forwarded herewith in quadruplicate for favour of necessary approval at your end.

Encl: As above.

Regional Chief Conservator of Forests,
Rourkela Circle

Memo No. 1820 / Date: 17-07-2020

Copy forwarded to the Divisional Forest Officer, Keonjhar Division for information and necessary action with reference to his Memo No.4005 Dtd.03.07.2020.

Regional Chief Conservator of Forests,
Rourkela Circle

SCHEME FOR PLANTATION OVER 104.30 ha OF DEGRADED FOREST LAND IDENTIFIED IN BAITARANI RF NEAR VILLAGE MUKUNDPUR UNDER CHAMPUA FOREST RANGE OF KEONJHAR FOREST DIVISION AGAINST

KHANDBANDH IRON ORE MINES

OF

M/s ODISHA MINING CORPORATION LTD.

ELEMENTS OF THE SCHEME FOR COMPENSATORY AFFORESTATION

CHAPTER	PARTICULARS	PAGE NUMBER
I	BRIEF NOTE ON THE PROPOSED FOREST DIVERSION PROPOSAL	1 to 2
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III	DELINEATION OF PROPOSED AREA ON SUITABLE MAP	3 to 3
IV	AGENCY RESPONSIBLE FOR COMPENSATORY AFFORESTATION	3 to 4
V	DETAILS OF WORK SCHEDULED PROPOSED FOR COMPENSATORY AFFORESTATION	4 to 5
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ANNEXURES	LOOSE BOULDER CHECK DAM- ANNEXURE- I	12
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	ESTIMATE OF COST FOR CATTLE PROOF- ANNEXURE- III	14

Decision Support System of degraded forest land identified in Baitarani RF under Champua Range

Sl. No.	Name of the Patch	Verified in Decision Support System (in ha)				Length of Cattle proof trench fencing (in KM)
		Total Area	Non-forest	Open Forest	MDF	
01	Mukundpur	104.30	14.30	90.00	0.00	6.264
	Total	104.30	14.30	90.00	0.00	6.264

CHAPTER- I

BRIEF NOTE ON THE PROPOSED FOREST DIVERSION PROPOSAL

Khandbandh Iron ore Mining Lease was granted over 905.175 Acers or 366.311 ha vide letter No. III (A) II-9/63- 11708, dated 22.11.1963 of Govt. of Odisha Mining & Geology Department. The said Mining lease was executed on dated 30.11.1963 for a period of 30 years with effect from 30.11.1963 to 29.11.1993 over an area of 366.311 ha. The first RML was applied on 09.11.1992 one year prior to expiry of the original mining lease period. The second RML was applied on 06.11.2012 over the said area from extension of ML period from 30.11.2013 to 29.11.2033.

The Mining Lease of Khandbandh Iron Ore Mines of M/s OMC Ltd lies between longitude E 85^0 23' 12.66888" – 85^0 24' 45.86016" and latitude N 21^0 55' 40.27579" – 21^0 57' 29.90066" in Survey of India topo sheet no. F 45 N 5. The said mining lease over 366.311 ha involves 97.217 ha Village Forest, 209.973 ha DLC forest land and 37.999 ha Non-forest land recorded as Forest as on 25.10.1980. The instant diversion proposal has been submitted over 345.189 ha (Revenue forest-97.217 ha, DLC Forest- 209.973 ha and 37.999 ha Non- Forest land recorded as Forest as on 25.10.1980) including safety zone area over 6.77 ha Forest land for diversion under Section-2 (ii) of Forest (Conservation) Act, 1980. The certified status of the non-forest land, involved in the mining lease, depicts that 37.999 ha non-forest land in village Khandbandh, Gurunda & Jaroli is Forest as on 25.10.1980. The total broken up land, involved in the mining lease, is 129.095 ha.

Non-forest Govt. land over 345.189 ha is required for compensatory afforestation for the said project. Out of 345.189 ha, 159.68 ha has been identified and allotted in villages Sikulapda, Phuljhar & Raidiha under BJP Range of Banspal Tahasil (earlier Telkoi Tahasil) of Keonjhar district vide letter No. 1740/Rev dated 29.06.2006 and balance 185.509 ha of non-forest Govt. land has been allotted by Collector, Kalahandi in village Kerapai (38.644 ha), Balangi (11.00 ha) and Dalimguda (135.865 ha) under Thuamul Rampur Tahasil vide letter dt. 09.01.2014, 19.12.2016 and 02.07.2019 respectively. Out of the 185.509 ha of non-forest Govt. land around 51.275 ha of non-forest Govt. land is coming under MDF category. The details are given as below:

Sl. No.	Name of the village	MDF Area in Ha.
01	Dalimguda	49.000
02	Kerapai	2.152
03	Balangi	0.123
	Total	51.275

Hence compensatory afforestation will be raised as proposed below:

Sl No	District	Tahasil	Forest Division	Revenue Village	Area in hectare	Scheme	No. of seedlings proposed
1.	Keonjhar	Bansapal	Keonjhar Forest Division	Sikulapada	62.058	ANR with 800 plants	49646
2.	-do-	-do-	-do-	Raidiha	51.225	ANR with 400 plants	20490
3.	-do-	-do-	-do-	Phuljhar	46.397	ANR with 400 plants	18559
Sub-total					159.680		88695
4	Kalahandi	Thuamul Rampur	Kalahandi South Division	Balangi	11.000	Bald Hill 10.877 ha with 1600 plants + ANR without gap over 0.123 ha (MDF)	17403
5.	-do-	-do-	-do-	Kerapai	38.644	Bald Hill 36.492 ha with 1600 plants + ANR, without gap over 2.152 ha (MDF)	58387
6.	-do-	-do-	-do-	Dalangpda	135.865	Bald Hill 86.865 ha with 1600 plants + ANR without gap over 49 ha (MDF)	138984
Sub-total					185.509		214774
Grand Total					345.189		303469

As per the guideline, the required plants comes to 345.189 x 1000 = 345189 no. Therefore, there is a shortfall of 41720 (345189-303469) nos. of plant which could not be accommodated in non-forest Govt. land allotted in Kalahandi District. DFO, Kalahandi (S) while forwarding the scheme over 185.509 ha vide letter dt. 12.03.2020 also requested DFO, Keonjhar to identify additional degraded forest land in order to accommodate the required no of shortfall seedlings. In this context, the present plantation scheme has been prepared at the prevailing wages @ Rs. 298.00 per mandays with maintenance period of 10 (ten) years over 104.30 ha degraded forest land, identified in Baitarani RF under Champua Range of Keonjhar Division, to accommodate the balance seedling.

CHAPTER- II

DETAILS OF LAND IDENTIFIED FOR PLANTATION

IDENTEFICATION OF DEGRADED FOREST LAND

II (1)- Details of identified Forest land-

The identified Forest land for plantation is situated in Baitarani RF under Champua Range of Keonjhar Forest Division near village Mukundapur. This Forest Block is included in the working plan under Rehabilitation working circle.

II (2)- Character of existing vegetation of the identified site for Compensatory Afforestation-

The prevailing forest growth has been categorized under forest type- open jungle mainly Sal in Survey of India Topo Sheet No. F45H12. The vegetation consists of Sal and its scattered associates like Jamu, Piasal, Asana, Sisoo, Kuruma, Karada, Dhaura, Khair, Sidha, Harida, Bahada and Ainla.

II(3)- Working Plan prescription for the identified site for Compensatory Afforestation-

The prescribed objectives of management for the identified forest block is depicted hereunder-

1. Regenerate of the degraded forest blocks including the areas once affected by shifting cultivation, by appropriate silvicultural inputs and protection measures with people's participation.
2. Improvement of the micro-climate and micro-edaphic conditions though soil and moisture conservation measures.
3. Encouragement of natural regeneration for increasing the biodiversity in forest crop.
4. Fulfillment of the bonafide needs of the local inhabitants for fuel wood, small timber, fodder and N.T.F.P. to the extent possible depending upon the productivity of the forests to ensure their participation.

II(4)- Suitability of the identified site for Compensatory Afforestation-

The identified site in Baitarani RF is a degraded patch with existing vegetation of Sal and Sal associates. Gaps are sporadically spread over the forest block. The topography is characterized by gentle slope with boulder mixed clayey-loam soil conducive for plantation under ANR with Gap model @ 400 seedling per ha. The average maximum temperature is 40^{0}to 45^{0}C and minimum 5^0 to 10^0 C and annual rainfall varies from 1100 mm to 1800 mm. The maximum rainfall is received during the rainy season from July to September. The identified site is situated adjacent to village Mukundpur. The site has been demarcated with 4 feet RCC pillars with erection of durable signboard depicting Scheme, Year, User Agency, Area etc. on it. Therefore, the scheme is envisaged to be executed with involvement of Mukundpur VSS.

CHAPTER-III

DELINEATION OF PROPOSED AREA ON SUITABLE MAP

III(1) GPS COORDINATES AND GPS MAP OF THE COMPENSATORY AFFORESTATION SITE

The area has been demarcated through GPS survey and GPS survey data showing latitude and longitude of each point and their chainage with bearing is also enclosed in the map prepared thereon (Maps enclosed).

CHAPTER- IV

AGENCY RESPONSIBLE FOR COMPENSATORY AFFORESTATION

IV(1) AGENCY RESPONSIBLE FOR PLACEMENT OF FUNDS

The user agency shall provide funds for raising Compensatory Afforestation as per the approved scheme.

IV(2) AGENCY RESPONSIBLE FOR EXECUTION OF COMPENSATORY AFFORESTATION

The Territorial Wing of the Forest Department i.e. Divisional Forest Officer, Keonjhar Division will be assigned with the task for execution of Compensatory Afforestation.

CHAPTER- V

DETAILS OF WORK SCHEDULE PROPOSED FOR COMPENSATORY AFFORESTATION

A. PLANTING PLAN

Planting Plan reflects the species specific treatment of the identified site. Choice of species is based on the geo-morphology of the site, soil-texture, structure, fertility and depth, proneness of the site to water logging etc. Specific treatment of the site in terms of soil and moisture conservation intervention will be depicted in the treatment map. A treatment map will invariably be prepared for Species to be planted and treatments to be applied to the different patches shown in the treatment map and planting plan. This plan will be followed when actual planting is carried out.

Species to be planted:-

1. *Sizyzium cumini*(Jamu)
2. *Adina cardifolia*(Karuma)
3. *Anogeissus latifolia*(Dhaura)
4. *Accacia catechu* (Khair)
5. *Dalbergia sissoo*(Sissoo)
6. *Azadirrachta indica*(Neem)
7. *Gmelina arborea* (Gambar)
8. *Terminalia belerica*(Bahada)
9. *Terminalia chebula*(Harida)
10. *Pongamia pinnata* (Karanja)
11. *Emblica officinalis* (Anla)

B.PRE-PLANTING OPERATION

B(I)-RAISING OF PLANTATION STOCK- NURSERY-

Nursery will be raised @440 seedlings per ha including seedlings for 10% causality replacement.

B(II)-SURVEY, DEMARCATION & PILLAR POSTING, GPS READING WITH MAPPING-

The planting area has been surveyed and demarcated with four feet height RCC pillars at inter visible distance (as per the direction of forest Range Officer, Champua Range) with GPS co-ordinates, forward and backward bearing, pillar No. and distance between pillars inscribed in it. A GPS map in the scale of 1:4000 has been prepared along with GPS co-ordinates forward and backward bearing, pillar No. and distance between pillars reflected in the map. A durable sign board has been erected at a conspicuous location with name of the site, scheme, area etc. depicted on it.

B(III)-SITE PREPARATION AND SILVICULTURAL OPERATION INCLUDING CLEARANCE OF WEED, CLIMBER CUTTING, HIGH STUMP CUTTING, SINGLING OF SHOOTS-

The clearing of the site involving removal of invasive weeds, bushes, climbers, high stumps and singling of shoots will be taken up preferably by the end of February and latest by the end of March. Pits of the dimension 30 x 30 x 30 cm. will be dug @ 400 per ha in the available gaps over 104.30 ha preferably 2 months before or at least a month before planting of seedlings.

C. PLANTING OPERATION

Planting of seedlings will be taken up in the month of July. The polythene covering of the balls of earth will be carefully removed before planting. Care will be taken to see that the ball of earth is not broken while doing so. The seedling with the ball of earth will then be placed firmly in the pit and buried at such a depth that the root collar is well below the surface of the soil. The soil around the plant will be well compacted with the heal as a final step so that there is a proper bond between the ball and the surrounding soil. The earth close to the collar will be slightly elevated so that rain water does not accumulate very close to the plant.

D. POST PLANTING OPERATION

D(1)-CASUALTY REPLACEMENT

The entire area will be gone over in the same order as plantation was carried out and casualties, if any, will be replaced as soon as the main plantation operation is over.

D(2)-WEEDING AND SOIL WORKING

Regular and efficient weeding will start immediately after sprouting of the stumps is complete or after the seedlings have started throwing up new buds.

D(3)-MANURING AND INSECTICIDE APPLICATION

On degraded sites urban compost or farmyard manure, wherever available, will be added to the soil while refilling the pits. As regards artificial fertilizers, the minerals required and dosage @ 50 grammes of patent mixtures like 'Gromor' or N.P.K. (2:2:1) will be applied in two split doses one in August and the other in September.

D(4)-SOIL MOISTURE CONSERVATION MEASURES

Special Soil Moisture Conservation Measures will be taken up through construction of LBCD structures of dimension 10' x 10' x 5' to the tune of 104 nos. over the entire plantation site and staggered trenches of dimension 2.5 x 0.5 x 0.5 mtr to the tune of 300 Nos. per ha over 104.30 ha.

D(5)-PROTECTION AGAINST FIRE AND BIOTIC INTERFERENCE

It is proposed to protect the CA plantation from grazing by domestic animals using Cattle Proof Trench Fencing. The total length of such Cattle proof trench fencing comes to 6.264 Km (6264 M).Fire line tracing will be ensured to protect the plantation from fire and watch & ward will be provided as per the approved norm for protecting the plantation from grazing with involvement of Mukundapur VSS.

CHAPTER- VI

COST STRUCTURE OF PLANTATION, PROVISION OF FUNDS AND UTILIZATION

COST NORM FOR ANR PLANTATION @ 400 PLANTS PER HECTARE

WAGE RATE Rs. 298.00/- PER MANDAY

A. Estimate of cost for 1.00 HA under ANR plantation model

0th year (Advance work) Pre-planting operation.

Sl No	Item of work	Preferable period of execution	person days	Labour (Rs)	Material (Rs)	Total (Rs)
	0th year					
1	Survey demarcation and pillar posting, GPS reading with mapping	Nov/Dec	2	596.00	0	596.00
2	Site Preparation	Nov/Dec	2	596.00	0	596.00
3	Silviculture Operation including clearance of weed, climber cutting, high stump cutting, singling of shoots etc.	Jan/Feb	5	1490.00	0	1490.00
4	Nursery cost (6 months old seedling) part @ Rs. 9.45/- seedling (Rs. 6.67 in 0th) year + Rs. 2.78 in 1st year) for 440 seedlings (400 +40)		11	3278.00	735.00	4013.00
5	Contingency and unforeseen expenditure		0	0	165.00	165.00
	Sub Total		20	5960.00	900.00	6860.00
	Monitoring & supervision charges 5% of the total cost					343.00
	Total		20	5960.00	900.00	7203.00
	1st year					
1	Nursery cost (6 months old seedling) balance @Rs. 2.78 for 440 seedlings	Apr-Jul	5	1490.00	255.00	1745.00
2	Pitting 30 cm cube size	Feb/Mar	12	3576.00	0	3576.00
3	Carriage and planting including casualty replacement	Jul/Aug	10	2980.00	0	2980.00
4	Complete weeding, Soilworking, manuring	Aug/Sep	12	3576.00	0	3576.00
5	Cost of vermicompost @200gms/plant @Rs. 20/- per kg=Rs. 1600.00 and Granular insecticide 5 gms/ plant @ Rs. 80 per kg=Rs 160.00	Aug/Sep	0	0	1760.00	1760.00
6	Cost of chemical fertilizer (a) Urea 70 gms/plant in two subsequent doses @ Rs 6 per kg =Rs 168.00 (b) NPK 50 gms/plant @ Rs. 24/- per kg= Rs. 480.00 as basal dose		0	0	648.00	648.00
7	Silvicultural operation involving clearance of weeds, cutting of climbers, singling of shoots etc.	Sep/Oct	15	4470.00	0	4470.00
8	Soil Conservation Measures (Staggered trenches of dimension 2 m x 0.5 mx 0.5 m@ 60 nos per ha) or its equivalent	Sep/Oct	20	5960.00	0	5960.00
9	Fireline Tracing and inspection path	Feb/Mar	3	894.00	0	894.00
10	Watch & ward	Aug-Mar	7	2086.00	0	2086.00
11	Contingency and unforeseen expenditure		0	0	319.00	319.00

	Sub Total		84	25032.00	2982.00	28014.00
	Monitoring & supervision charges 5% of the total cost					1400.70
	Total		84	24049.20	2982.00	29414.70
	2nd year					
1	Casualty Replacement including cost of seedling, carriage and planting	Jul/Aug	2	596.00	497.20	1093.20
2	Complete weeding and cultural operations	Sep/Oct	4	1192.00	0	1192.00
3	Soil working and manuring	Sep/Oct	4	1192.00	0	1192.00
4	Cost of fertilizer and insecticide (a) Vermicompost 200 gms/plant @ Rs. 20/ per kg=Rs.1600 (b) Granular insecticide 5 gms/plant for 40 plants 200gms @ Rs. 80/- per kg=Rs.16.00	Sep/Oct	0	0	1616.00	1616.00
5	Fireline Tracing and inspection path	Feb/Mar	1	298.00	0	298.00
6	Soil conservation Measures (Renovation of staggered trenches etc.)	Sep/Oct	8	2384.00	0	2384.00
7	Watch & ward (whole year)	Apr-Mar	7	2086.00	0	2086.00
8	Contingency and unforeseen expenditure		0	0	362.00	362.00
	Sub Total		26	7748.00	2475.20	10223.20
	Monitoring & supervision charges 5% of the total cost					511.16
	Total		26	7748.00	2475.20	10734.36
	3rd Year					
1	Complete weeding and cultural operations	Aug/Sep	2	596.00	0	596.00
2	Soil working	Aug/Sep	2	596.00	0	596.00
3	Fireline Tracing and inspection path	Feb/Mar	1	298.00	0	298.00
4	Watch & ward (whole year)	Apr-Mar	7	2086.00	0	2086.00
	Sub Total		12	3576.00	0	3576.000
	Monitoring & supervision charges 5% of the total cost					178.80
	Total		12	3576.00	0	3754.80
	4th year					
1	Fireline Tracing and inspection path	Feb/Mar	1	298.00	0	298.00
2	Watch & ward and cultural operation	Apr-Mar	2	596.00	0	596.00
	Sub-Total		3	894.00	0	894.00
	Monitoring & supervision charges 5% of the total cost					44.70
	Total			894.00	0	938.70
	5th year					
1	Fireline Tracing and inspection path	Feb/Mar	1	298.00	0	298.00
2	Watch & ward and cultural operation	Apr-Mar	2	596.00	0	596.00
	Sub-Total		3	894.00	0	894.00
	Monitoring & supervision charges 5% of the total cost					44.70
	Total			894.00	0	938.70
	6th year					
1	Fireline Tracing and inspection path	Feb/Mar	1	298.00	0	298.00
2	Watch & ward and cultural operation	Apr-Mar	2	596.00	0	596.00
	Sub-Total		3	894.00	0	894.00
	Monitoring & supervision charges 5% of the total cost					44.70
	Total			894.00	0	938.70

7th year						
1	Fireline Tracing and inspection path	Feb/Mar	1	298.00	0	298.00
2	Watch & ward and cultural operation	Apr-Mar	2	596.00	0	596.00
	Sub-Total		3	894.00	0	894.00
	Monitoring & supervision charges 5% of the total cost					44.70
	Total			894.00	0	938.70
8th year						
1	Fireline Tracing and inspection path	Feb/Mar	1	298.00	0	298.00
2	Watch & ward and cultural operation	Apr-Mar	2	596.00	0	596.00
	Sub-Total		3	894.00	0	894.00
	Monitoring & supervision charges 5% of the total cost					44.70
	Total			894.00	0	938.70
9th year						
1	Fireline Tracing and inspection path	Feb/Mar	1	298.00	0	298.00
2	Watch & ward and cultural operation	Apr-Mar	2	596.00	0	596.00
	Sub-Total		3	894.00	0	894.00
	Monitoring & supervision charges 5% of the total cost					44.70
	Total			894.00	0	938.70
10th year						
1	Fireline Tracing and inspection path	Feb/Mar	1	298.00	0	298.00
2	Watch & ward and cultural operation	Apr-Mar	2	596.00	0	596.00
	Sub-Total		3	894.00	0	894.00
	Monitoring & supervision charges 5% of the total cost					44.70
	Total			894.00	0	938.70

ABSTRACT

Year	Person days	Labour	Material	Monitoring & Supervision charge 5% of the total cost	Total
0th Year	20	5960.00	900.00	343.00	7203.00
1st Year	84	25032	2982.00	1400.70	29414.70
2nd Year	26	7748.00	2475.20	511.16	10734.36
3rd Year	12	3576.00	0	178.80	3754.80
4th Year	3	894.00	0	44.70	938.70
5th Year	3	894.00	0	44.70	938.70
6th Year	3	894.00	0	44.70	938.70
7th Year	3	894.00	0	44.70	938.70
8th Year	3	894.00	0	44.70	938.70
9th Year	3	894.00	0	44.70	938.70
10th Year	3	894.00	0	44.70	938.70
Total	163	48574.00	6357.20	2746.56	57677.76
Total for 104.30 ha					6015790.37

ADDITIONAL COST PROPOSEDFOR COMPANSATORY AFFORESTATION OVER 104.30 Ha

.1	SMC measures- LBCD structure of dimension 10' x 10' x 5' @Rs. 10489/- per LBCD structure for 104 LBCD structures.		1090856.00
2	Staggered trenches @130MD per ha over 104.30 ha.		4040582.00
3	Additional incentive (3% of cumulative expenditure upto 4th year) for VSS/Fr./FG proposed for more than 80% survival and very good growth during 4th year of maintenance as per recommendation of DFO and RCCF. @Rs. 2082/- for 104.30 ha.		217153.00
4	Additional EPA expenses if implemented through VSS at rate Rs.1200/- in 0th Year, Rs.2400/- in 1st Year, Rs.1800/- in 2nd Year, Rs.600/- in 3rd Year, Rs.600/- in 4th Year,Rs.600/- in 5th Year,Rs.600/- in 6th year, Rs.600/- in 7th year, Rs.600/- in 8th year, Rs.600/- in 9th year, Rs.600/- in 10th year @ Rs. 10200/- per Ha. for 104.30 ha		1063860.00
5	Cattle proof trench fencing for 6.264 (6264 M)	215.00	1346760.00
	Cattle proof trench fencing maintenance @ 5%/Annum for 10 year	673380.00	673380.00
	Sub-Total		8432591.00

N.B:- Unit cost of LBCD structures of different dimension along with staggered trenches and Cattle proof trench fence is enclosed as Annexure- I, II & III.

TOTAL COST FOR CA OVER 104.30 Ha.

1.	Plantation over 104.30 ha @400 seedlings/ ha of Rs. 57677.76/-	6015790.37
2.	Additional Cost	8432591.00
	Sub Total	1,44,48,381.37
3.	15% plantation cost as EPA	21,67,257.20
	Total	1,66,15,638.57
4.	Add 20% escalation	33,23,127.71
	Grand Total	1,99,38,766.28 Or say 1,99,38,800.00

(Rupees one crore ninety nine lakh thirty eight thousand eight hundred) only.

3/7/20

Divisional Forest Officer
Koonjhar Division

A. PROVISION OF FUNDS AND FUND UTILIZATION

Rs. 1,99,38,800/-(one crore ninety nine lakh thirty eight thousand eight hundred) only shall be deposited by the User Agency M/s Odisha Mining Corporation Ltd on approval of the scheme in Ad-hoc CAMPA Account and the funds will be utilized for raising of Compensatory Afforestation by the Divisional Forest Officer, Keonjhar Division on allotment by the Principal Chief Conservator of Forests, Odisha, Bhubaneswar.

Divisional Forest Officer,
Keonjhar Division

CHAPTER- VII

DETAILS OF PROPOSED MONITORING MECHANISM

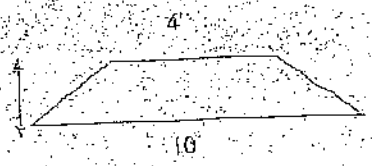
Compensatory Afforestation will be taken up in the identified site by the Range Officer, Champua Forest Range of Keonjhar Division. The Range Forest Officer, Champua Forest Range will undertake field checks of the works undertaken at the identified site and will be cross checked by the Asst. Conservator of Forests, (Affn.) and Divisional Forest Officer, Keonjhar Division. GPS co-ordinates along with other required information of Compensatory Afforestation will be uploaded in the e-Greenwatch Portal of NIC, MoEF&CC, Govt. of India for the purpose of online monitoring. Annual progress of plantation involving growth of planted seedlings, survival percentage etc. will be monitored and recorded in the plantation journal by the field staffs of Champua Forest Range and reported to the Divisional Forest Officer for necessary action. The same thing will be reported to the Regional Chief Conservator of Forests, Rourkela Circle and Chief Conservator of Forests (PP&A), O/o the Pr. Chief Conservator of Forests, Odisha, Bhubaneswar and necessary corrective measures will be followed if required so.

31/1/20

Divisional Forest Officer,
Keonjhar Division

Annexure-I

LOOSE BOULDER CHECK DAM



(A) Size – 10' x 10' x 5'

(i) Requirement of boulder (Procured from quarry)

½ (10' + 4') x 10' x 5' = 350 cft or 9.90 cum

Cost of Boulder @ Rs. 199/- per cum for 9.9 cum = Rs. 1,970.00/-

(ii) Labour for construction of LBCD for 1 cum.

Mulia	1.04 No x 213.50 =	222.04
Mason special	0.17No. x 273.50 =	46.49
Stone packer –	0.35No. x 233.50 =	81.72
Total		= 350.25

For 9.90 cum 9.90 x 350.25 = Rs. 3467.47/-

Rs. 5437.47/-

(Rounded to Rs 5438/-)

Rate for 1 cum Rs. 549.25 per cum or Rs. 550 per cum

LOOSE BOULDER CHECK DAM



(A) Size- 10' x 10' x 5'

(i) Requirement of boulder (Picked up and broken)

½ (10' + 4') x 10' x 5' = 350 cft or 9.90cum

@ Rs.185/- per cum Rs. 1,831.50/-

(ii) Labour for construction of LBCD for 1 cum

Mulia	1.04 No x 213.50 =	222.04
Mason special	0.17No. x 273.50 =	46.49
Stone packer –	0.35No. x 233.50 =	81.72
Total		= 350.25

For 9.90 cum 9.90 x 350.25 = Rs. 3467.47/-

Rs. 5298.97/-

(Rounded to Rs 5300/-)

For 1 cum Rs.535.25/-cum or Rs. 535/- per Cum

N.B. The cost of transportation with a lead of 5 Kms- Rs.156.40/cum.

ABSTRACT		
SL. NO.	ITEM	REMARKS
1	Loose Boulder Check Dam(LBCD) Constructed from the boulder procured from the quarry	Rs. 550/Cum
2	In- situ collected, broken and utilized for construction of LBCD	Rs.535/Cum
3*	Cost of transportation within a lead of 5 Kms	Rs. 156.40/-Cum

* Rate will be proportionately enhanced for lead more than 5 km in specific cases.

Annexure-II

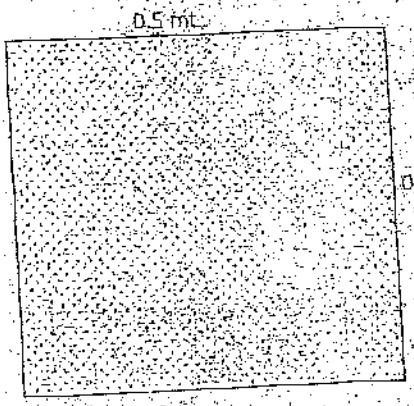
Staggered Contour Trench (2.5 mt x 0.5 mt x 0.5 mt)

Specifications:

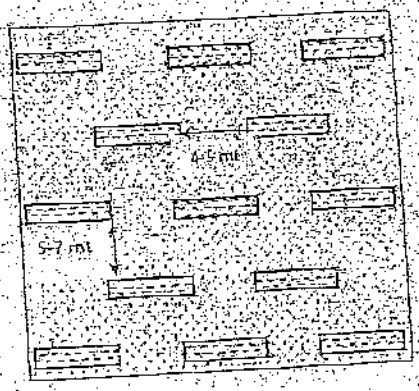
Lepgth	2.5 mt		
Width	0.5 mt		
Depth	0.5 mt		
Cross Section	(0.5 mt x 0.5 mt)	=	0.25 sq mt
Earth Work	(2.5 mt x 0.25 sq mt)	=	0.625 cum

	0-30° slope	Above 30° slope
Gap between Trenches (Horizontal)	4-5 mt	2-3 mt
Distance between contour lines (Vertical)	5-7 mt	3-4 mt
Cost of Staggered Trench per Ha	Rs 12,810 for 300 nos of ST	Rs 41,623.00 for 450 nos of ST

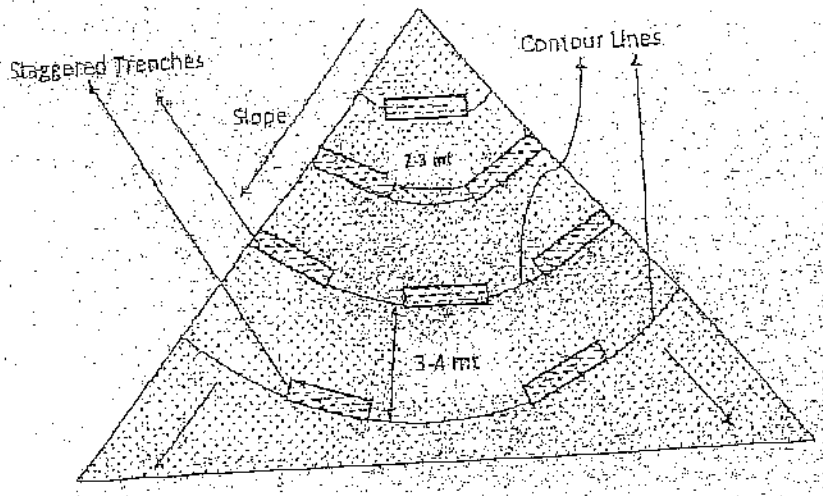
Cross Section of each staggered trench



Staggered Trenches Design in less than 30° slope



Staggered Trenches Design on more than 30° slope



Annexure- III

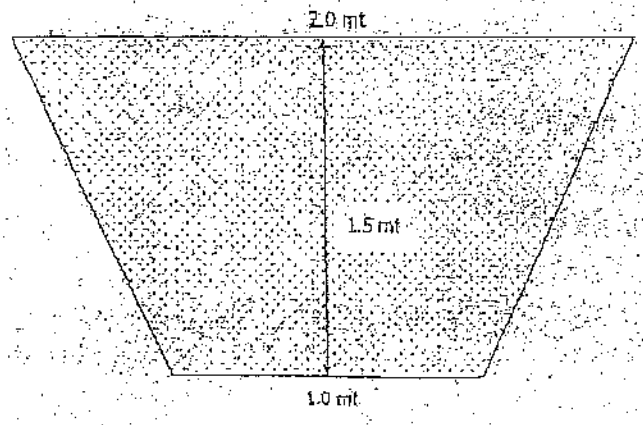
Cattle Proof Trench Fencing (for 1 Running meter length)

Specifications:

Length	-	1.0 mt
Top Width	-	2.0 mt
Bottom Width	-	1.0 mt.
Depth	-	1.5 mt
Cross Section	-	((2.0 mt + 1.0 mt)/2 x 1.5 mt) = 2.25 sq mt
Earth Work	-	(1.0 mt x 2.25 sq mt) = 2.25 cum

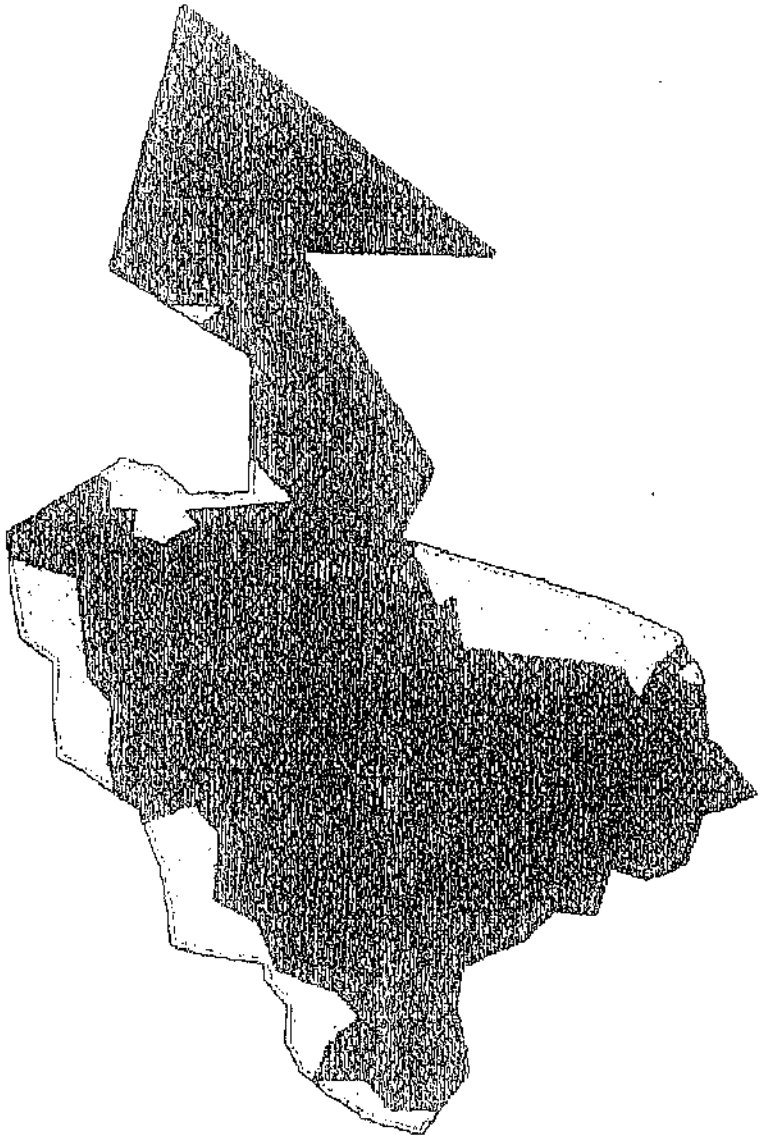
Cost per 1 mt = 0.72 MD = Rs 215.00 (@ Rs 246.00 x Wage MD rate)

Cross Section



(7)

TYPE	AREA IN HA	PERCENTAGE
MDF	0.00	0%
OPEN FOREST	90.00	86%
NON-FOREST	14.30	14%
TOTAL	104.30	100%



N
W E
S

500 m
2000 ft

IndianStates
IndianDistricts
TigerReserves
ProtectedAreas
RecordedForest
RecordedForestAdm
CorridorBoundary

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STATE FOREST HEADQUARTERS
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS, ODISHA, BHUBANESWAR

Memo No. 11046 /9F (MC) - 22/2018
Dated, Bhubaneswar the 06th July, 2021

To

The DFO, Keonjhar Forest Division.

Sub: **Proposal for diversion of 345.189 ha forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd in Keonjhar district, Odisha – Submission of revised financial outlays of CA Schemes at ₹ 311/- per manday regarding.**

In inviting a reference on the captioned subject, the revised financial outlay for Compensatory Afforestation Scheme over 159.680 ha of non-forest land identified in village Sikulpada, Phuljhar and Raidihi under Banspal Tahasil of BJP Range of your division against proposed diversion of the above mentioned project has been technically approved for ₹ 3,72,56,700/- (Rupees three crores seventy two lakhs fifty six thousand and seven hundred) only by Addl.PCCF (FD & NO, FC Act) at current wage rate of ₹ 311/- per manday is enclosed.

The revised financial outlay for Additional Compensatory Afforestation Scheme over 104.30 ha of degraded forest land identified in Baitarani RF under Champua Forest Range of your division to accommodate the balance 41720 nos of plants against proposed diversion of the above mentioned project has been technically approved for ₹ 1,42,50,600/- (Rupees one crore forty two lakhs fifty thousand and six hundred) only by Addl.PCCF(FD & NO, FC Act) at current wage rate of ₹ 311/- per manday is enclosed.

Similarly, the revised financial outlay for Compensatory Afforestation Scheme over 185.509 ha of non-forest land identified in village Balangi, Kerapai and Dalimguda under Thuamul-Rampur Tahasil in Kalahandi District of Kalahandi (South) Forest division against proposed diversion of the above mentioned project has been technically approved for ₹ 7,35,62,900/- (Rupees seven crores thirty five lakhs sixty two thousand and nine hundred) only by Add.PCCF(FD & NO,FC Act) at current wage rate of ₹ 311/- per manday is enclosed.

P.T.O

You are requested to raise demand on the user agency for payment of the amount through web portal of MoEF & CC and submit the deposit particulars of the amount paid in prescribed format alongwith updated Stage-I compliance.

This is most urgent.

Encl – Revised Financial outlays
over 159.680 ha, 104.30 ha & 185.509 ha

Addl.PCCF(FD & NO, FC Act)

Memo No. 11047 /Dt 06.07.2021

Copy forwarded to the RCCF, Rourkela Circle for information & necessary action in continuation to this office memo no. 18853 dated 29.10.2020.

Addl.PCCF(FD & NO, FC Act)

Memo No. 11048 /Dt 06.07.2021

Copy forwarded to the RCCF, Bhawanipatna Circle for information & necessary action in continuation to this office memo no. 18854 dated 29.10.2020.

Addl.PCCF(FD & NO, FC Act)

Memo No. 11049 /Dt 06.07.2021

Copy alongwith the revised financial outlay over 185.509 ha forwarded to the DFO, Kalahandi (South) Forest Division for information & necessary action in continuation to this office memo no. 18855 dated 29.10.2020.

Encl - Revised financial outlay over 185.509 ha

Addl.PCCF(FD & NO, FC Act)

Memo No. 11050 /Dt. 06.07.2021

Copy forwarded to the Executive Director, F&E, HO, OMC Ltd., OMC House, Bhubaneswar-751001 for information and necessary action in continuation to this office memo no. 18856 dated 29.10.2020.

Addl.PCCF(FD & NO, FC Act)

Additional Compensatory Afforestation Scheme for plantation over 104.30 ha of degraded forest land identified in Baitarani RF under Champua Forest Range of Keonjhar Forest Division to accommodate the balance 41720 nos. of plant against **Khandbandh Iron Ore Mines of M/s OMC Ltd.**

(Wage Rate @ Rs.311/- per MD)

Sl. No.	Description	Amount (Rs.)
1.	Cost of ANR Plantation @ 400 plants / ha over 104.30 ha @ Rs.59,965.92 per ha with 10 years maintenance	62,54,445.00
2.	Soil Conservation Measures:	
	(i) L.B.C.D. of size 10 ft x 10 ft x 5 ft @Rs.8712.50 per structure for 104 structure	9,06,100.00
	(ii) Staggered trenches of size 2.5 mts x 0.5 mt x 0.5 mt. of 300 nos. per ha @ 60 MD or Rs.18,660/- per ha over 104.30 ha	19,46,238.00
	Total	91,06,783.00
3.	Cattle proof trench fencing of size top 2.0 mt, bottom 1.0 mt, depth 1.5 mt. @ 0.72 MD per RMT over 6264 mtrs	14,02,635.00
4.	15% of the total plantation cost towards Entry Point Activity/ Incentive to VSS etc.	13,66,017.00
	Total	1,18,75,435.00
5.	Add Escalation Cost (20%)	23,75,087.00
	Total	1,42,50,522.00 Or rounded off to 1,42,50,600.00

(Rupees One Crore forty two lakhs fifty thousand six hundred) only

Technically Approved

Additional Principal Chief Conservator of Forests
Forest Diversion & Nodal Officer, FC Act

OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION
Phone No- 06766-254315, email ID- dfokjr.od@gov.in

No. 6525 /6P-Mining-15/2017
Dated, Keonjhar, the 03-11- 2020

To

The Executive Director, F&E,
M/s OMC Ltd, OMC House,
Bhubaneswar- 751001

Sub: Proposal for diversion of 345.189 ha forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd in Keonjhar district, Odisha.

X-Sub: Demand of Compensatory Afforestation and Additional Compensatory Afforestation at the current wage rate @Rs. 303.40/- per Mandays.

Ref: Memo No. 18856 dated 29.10.2020 of Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar.

Sir

With reference to the aforementioned memo on the captioned subject, the Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar has technically approved the financial outlay for plantation of Compensatory Afforestation and Additional Compensatory Afforestation @Rs303.40 per Man-days with maintenance of 10 years. Hence you are requested to deposit the cost of Compensatory Afforestation and Additional Compensatory Afforestation is furnished hereunder. The demanded amount should be deposited through e-portal of MoEF&CC as provided in the https://parivesh.nic.in/ and the proof/evidence of the deposit of fund be submitted to this office for further necessary action at this end.

Sl. No.	Particulars	Amount to be deposited as per wage rate of Rs. 303.40/- per Manday (Rs)
1	Scheme for Compensatory Afforestation over 159.680 ha of non-forest Govt. land identified in village Sikulapada, Phuljhar and Raidiha under Banspal Tahasil of Keonjhar district.	3,36,62,700.00
2	Scheme for Compensatory Afforestation over 185.509 ha of non-forest Govt. land identified in village Balangi, Kerapai and Dalimguda under Thuamul-Rampur Tahasil of Kalahandi district.	6,87,93,000.00
3	Scheme for Additional Compensatory Afforestation over 104.30 ha of degraded forest land identified in Baitarani RF under Champua Range of Keonjhar Forest Division.	1,39,37,100.00
	Total	**11,63,92,800.00**

(Rupees eleven crore sixty-three lakh ninety-two thousand eight hundred) only

Yours faithfully,

02/11/2020

Divisional Forest Officer,
Keonjhar Division.

(2)

Memo No. 6526 / Dated. 03-11-2020

Copy submitted to the Regional Chief Conservator of Forests, Rourkela Circle, Rourkela/ Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar for favour of kind information and necessary action.

03/11/2020

Divisional Forest Officer,
Keonjhar Division.

Inandbandh

11/11/2020 NEFT RTGS CHALLAN

60935/2020/F & E

AGENCY COPY

NEFT / RTGS CHALLAN for Ad-HOC CAMPA

Date : 11-11-2020

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	5887070699
MoEF/SG File No.	8-46/2018-FC
Location.	ORRISA
Address.	OMC HouseKhordha
Amount(in Rs)	155535502/-

Amount in Words :Fifteen Crore Fifty-Five Lakh Thirty-Five Thousand Five Hundred and Two Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	CORP0000371
Pay to Account No.	150825887070699 Valid only for this challan amount.
Bank Name & Address:	Corporation Bank Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

BANK COPY

NEFT / RTGS CHALLAN for Ad-HOC CAMPA

Date : 11-11-2020

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	5887070699
MoEF/SG File No.	8-46/2018-FC
Location.	ORRISA
Address:	OMC House Khordha
Amount(in Rs)	155535502/-

Amount in Words :Fifteen Crore Fifty-Five Lakh Thirty-Five Thousand Five Hundred and Two Rupees Only

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Pay to Account No.	150825887070699 Valid only for this challan amount.
Bank Name & Address:	Corporation Bank Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

After making successful payment, User Agencies may send a line of confirmation through Email: helpdeskcampa@corpbank.co.in

Sridhanta Mohapatra
Sr. Manager (Finance)
The Odisha Mining Corporation Ltd.
Bhubaneswar

Sl. No.	Amount in Rs.	Details
1	10,24,55,700/-	Compensatory Afforestation Scheme
2	1,39,37,100/-	Additional Compensatory Afforestation
3	40,16,000/-	Differential cost of Site Specific Wildlife Conservation Plan
4	3,00,37,502/-	Regional Wildlife Management Plan
5	17,32,600/-	1.5 times Safety Zone
6	33,56,600/-	Gap plantation and soil moisture conservation activities
Total	15,55,35,502/-	

Ubina20318549222

Dt. 13-11-2020

OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION
Phone No- 06766-254315, email ID- dfokjr.od@gov.in

No. 4015 /Mining-
Dated, Keonjhar, the 08/07/2021

To

The Executive Director, F&E,
M/s OMC Ltd, OMC House,
Bhubaneswar- 751001

Sub: Diversion of 345.189 ha forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd in Keonjhar district, Odisha.

X-Sub: Demand of differential funds towards Compensatory Afforestation and Additional Compensatory Afforestation at the current wage rate @Rs. 311/- per mandays.

Ref: Memo No. 11046 dated 06.07.2021 of the Addl. Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar.

Sir

With reference to the aforementioned memos on the captioned subject, you are requested to deposit the differential amount of **Rs. 86,77,400/- (Rupees eighty-six lakh seventy-seven thousand four hundred) only** towards the cost of following schemes at the current wage rate of Rs. 311/- per manday in compliance with the condition No. 2(ii) of Stage- I approval order of the MoEF&CC, GOI dated 31.01.2019 through e-portal of MoEF&CC as provided in the **https://parivesh.nic.in/** and the proof/evidence of the deposit of fund be submitted to this office for further necessary action at this end.

Particulars	Amount to be deposited as per revised wage rate of Rs. 311/- per man-day (Rs.)	Amount deposited earlier by the User Agency (Rs.)	Balance to be deposited (Rs.)
Scheme for compensatory afforestation over 159.680 ha of non-forest land identified in village Sikulapada, Phuljhar and Raidihi under Banspal Tahasil of BJP Range in Keonjhar District	37256700.00	33662700.00	3594000.00
Scheme for additional compensatory afforestation over 104.30 ha of degraded forest land identified in Baitarani RF under Champua Range in Keonjhar Division.	14250600.00	13937100.00	313500.00
Scheme for compensatory afforestation over 185.509 ha of non-forest land identified in village Balangi, Kerapai & Dalimguda under Thuamul-Rampur Tahasil in Kalahandi District.	73562900.00	68793000.00	4769900.00
Total	**125070200.00**	**116392800.00**	**8677400.00**

(Rupees eighty-six lakh seventy-seven thousand four hundred) only

Yours faithfully,
08/07/2021
Divisional Forest Officer,
Keonjhar Division.

Memo No. 4016(2) **/ Dated.** 08/07/2021

Copy submitted to the Regional Chief Conservator of Forests, Rourkela Circle, Rourkela/ Addl. Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar for favour of kind information and necessary action.

08/07/2021

Divisional Forest Officer,
Keonjhar Division.

Memo No. 4017 **/ Dated.** 08/07/2021

Copy submitted to the Divisional Forest Officer, Kalahandi South Division, At/ PO- Paramanandapur, Bhawanipatna, Dist- Kalahandi for information and necessary action with reference to memo No. 11049 dated. 06.07.2021 of Addl. Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar.

08/07/2021

Divisional Forest Officer,
Keonjhar Division.

39679/2019/F & E

ANNEXURE-IV

Serial

(9)

OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION

Phone No- 06766-254315, email ID- dfokjr.od@gov.in

No. 6950 / 6F-Mining-15/2017

Dated, Keonjhar, the 12/07/2019

To

The Executive Director (F&E),
Odisha Mining Corporation Ltd.
OMC House, Bhubaneswar-751001.

Sub: Proposal for diversion of 345.189 ha forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd in Keonjhar District, Odisha.

X-Sub: **Demand of funds towards Site Specifc Wildlife Conservation Plan at the current wage rate of @Rs. 280/- per Mandays.**

Ref: Memo No. 5704 dated 09.07.2019 of Principal Chief Conservator of Forests, (WL) & Wildlife Warden, Odisha, Bhubaneswar & this office letter No. 1070 dated 07.02.2013.

Sir,

A Site Specific Wildlife Conservation Plan was earlier approved by the Principal Chief Conservator of Forests, (WL) & Chief Wildlife Warden, Odisha, Bhubaneswar vide his letter No. 6000 dated 06.09.2011. Accordingly you were requested vide this office letter under reference to deposit ₹170.00 lakh towards the cost of approved Site Specific Wildlife Conservation Plan for activities to be implemented in project impact area in Keonjhar Division. But till date you have not deposited the same.

Now, the Principal Chief Conservator of Forests, (WL) & Chief Wildlife Warden, Odisha, Bhubaneswar has approved the Revised Site Specific Wildlife Conservation Plan at the current wage rate of ₹280/- per MD for your above project with a financial out lay of ₹464.04 lakh, out of which you are required to deposit ₹370.60 lakh towards activities to be implemented by DFO, Keonjhar Division in the project impact area. Further it is intimated that the PCCF(WL) has imposed three other conditions along with the aforesaid approval which has to be abided by as follows.

1. The plan shall be revisited after 5 years and the User Agency will give undertaking to contribute towards the revised cost of the conservation plan till the project period, if any.
2. The project proponent has to prepare and submit the conservation plan for the next 10 years of their lease period (balance period for which forest land remains diverted) at least one year before the expiry of the present conservation plan and deposit the outlay amount upon its approval. In case of delay, it will be dealt as per law for violations of Forest (Conservation) Act, 1980 and Environmental (Protection) Act, 1986.
3. The project proponent has to give an undertaking to bear the differential cost in case of enhancement of wage rate at the time of implementation of this plan.

Now, it is once again requested to deposit the aforesaid amount of ₹370.60 lakh through e-portal of MoEF&CC as provided in the https://parivesh.nic.in/ and the proof/evidence of the deposit of fund be submitted to this office for further necessary action at this end.

Yours faithfully,

12/7/19

Divisional Forest Officer,
Keonjhar Division.

PTO

39679/2019/F & E

Memo No. 6951 /Dated. 12-07-2019

Copy forwarded to the Regional Chief Conservator of Forests, Rourkela Circle, Rourkela/ Addl. Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar for favour of kind information and necessary action.

12/7/19

Divisional Forest Officer,
Keonjhar Division.

Memo No. 6952 /Dated. 12-07-2019

Copy forwarded to the Principal Chief Conservator of Forests (WL) & Chief Wildlife Warden, Odisha.

12/7/19.

Divisional Forest Officer,
Keonjhar Division.

39676/2019/F & E

AGENCY COPY

NEFT / RTGS CHALLAN for Ad-HOC CAMPA

Date : 22-07-2019

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	5887070934
MoEF/SG File No.	8-46/2018-FC
Location.	ORRISA
Address.	OMC HouseKhordha
Amount(in Rs)	37060000/-

Amount in Words :Three Crore Seventy Lakh Sixty Thousand Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code.	CORP0000371
Pay to Account No.	150825887070934 Valid only for this challan amount.
Bank Name & Address:	Corporation Bank Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only
- This challan is valid only for seven days.

BANK COPY

NEFT / RTGS CHALLAN for Ad-HOC CAMPA

Date : 22-07-2019

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	5887070934
MoEF/SG File No.	8-46/2018-FC
Location.	ORRISA
Address:	OMC House Khordha
Amount(in Rs)	37060000/-

Amount in Words :Three Crore Seventy Lakh Sixty Thousand Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	CORP0000371
Pay to Account No.	150825887070934 Valid only for this challan amount.
Bank Name & Address:	Corporation Bank Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only
- This challan is valid only for seven days.

After making successful payment, User Agencies may send a line of confirmation through Email: helpdeskcampa@corpbank.co.in

Sr. Manager (Finance)
The Odisha Mining Corporation Ltd.
Bhubaneswar

UTR NO- ANDBH19206649652

(01)

Scanned

18/09/20

OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION

Phone No- 06766-254315, email ID- dfokjr.od@gov.in

No. 5662 / 6F-Mining-15/2017

Dated, Keonjhar, the 18 /09/2020

To

The Executive Director, F&E,
M/s OMC Ltd, OMC House,
Bhubaneswar- 751001

Sub: Diversion of 345.189 ha forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd in Keonjhar district, Odisha.

X-Sub: **Differential demand of funds towards for activities to be implemented in project impact area in Keonjhar Division.**

Ref: Memo No. 7428 dated 15.09.2020 of PCCF, (Wildlife) & Chief Wildlife Warden, Odisha, Bhubaneswar.

Sir

With reference to the aforementioned memo on the captioned subject, you are requested to deposit the differential amount of Rs. 40,16,000/- (Rupees forty lakh sixteen thousand) only towards activities to be implemented in project impact area in Keonjhar Division through **e-portal** of MoEF&CC as provided in the **https://parivesh.nic.in/** and the proof/evidence of the deposit of fund be submitted to this office for further necessary action at this end.

Particulars	Revised cost (Rs.)	Amount deposited earlier by the User Agency (Rs.)	Balance to be deposited (Rs.)
For activities to be implemented in project impact area in Keonjhar Division	4,10,76,000	370,60,000	40,16,000
Total	**4,10,76,000**	**370,60,000**	**40,16,000**

(Rupees forty lakh sixteen thousand) only.

Yours faithfully,

16/09/2020

Divisional Forest Officer,
Keonjhar Division.

Memo No. 5663 **/ Dated.** 18-09-2020

Copy submitted to the Regional Chief Conservator of Forests, Rourkela Circle, Rourkela for favour of kind information and necessary action with reference to memo No.7429 dated 15.09.2020 of PCCF (Wildlife) & Chief Wildlife Warden, Odisha, Bhubaneswar

16/09/2020

Divisional Forest Officer,
Keonjhar Division.

Memo No. 5664 **/ Dated.** 18-09-2020

Copy submitted to the Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the PCCF, Odisha, Bhubaneswar for favour of kind information and necessary action with reference to memo No.7429 dated 15.09.2020 of PCCF (Wildlife) & Chief Wildlife Warden, Odisha, Bhubaneswar.

16/09/2020

Divisional Forest Officer,
Keonjhar Division.

DCOM(F&E)
18/9

M(FCC)
18/9/2020

21-09-2020

PTO

Manidhandh

60935/2020/F & E

AGENCY COPY

NEFT / RTGS CHALLAN for Ad-HOC CAMPA

Date : 11-11-2020

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	5887070699
MoEF/SG File No.	8-46/2018-FC
Location.	ORRISA
Address.	OMC HouseKhordha
Amount(in Rs)	155535502/-

Amount in Words :Fifteen Crore Fifty-Five Lakh Thirty-Five Thousand Five Hundred and Two Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	CORP0000371
Pay to Account No.	150825887070699 Valid only for this challan amount.
Bank Name & Address:	Corporation Bank Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

BANK COPY

NEFT / RTGS CHALLAN for Ad-HOC CAMPA

Date : 11-11-2020

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	5887070699
MoEF/SG File No.	8-46/2018-FC
Location.	ORRISA
Address:	OMC House Khordha
Amount(in Rs)	155535502/-

Amount in Words :Fifteen Crore Fifty-Five Lakh Thirty-Five Thousand Five Hundred and Two Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	CORP0000371
Pay to Account No.	150825887070699 Valid only for this challan amount.
Bank Name & Address:	Corporation Bank Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

After making successful payment, User Agencies may send a line of confirmation through Email: helpdeskcampa@corpbank.co.in

Srikanta Mohapatra
Sr. Manager (Finance)
The Odisha Mining Corporation Ltd.
Bhubaneswar

Sl. No.	Amount in Rs.	Details
1	10,24,55,700/-	Compensatory Afforestation Scheme
2	1,39,37,100/-	Additional Compensatory Afforestation
3	40,16,000/-	Differential cost of Site Specific Wildlife Conservation Plan
4	3,00,37,502/-	Regional Wildlife Management Plan
5	17,32,600/-	1.5 times Safety Zone
6	33,56,600/-	Gap plantation and soil moisture conservation activities
Total	15,55,35,502/-	

Ubina20318549222

Dt. 13-11-2020

OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS (WIL DLIF E) &

CHIEF WILDLIFE WARDEN, ODISHA

Department of Forest, Environment & Climate Change, Government of Odisha

PRAKRUTI BHAWAN, PLOT NO.1459, SAHEED NAGAR, BHUBANESWAR- 751007

Phone: 0674-2602250, Website: www.wildlife.odisha.gov.in, Email: odishawildlife@gmail.com

Memo No. 7013 /7WL-FD&WLC-106/2020

Dated, Bhubaneswar the 26 July, 2021

To

The Divisional Forest Officer,

Keonjhar Division

Sub: Diversion of 345.189 ha of forest land including 6.919 ha in Safety Zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore mines of M/s OMC Ltd.

Ref: This office memo No.7429 dt 15.09.2020

A Site Specific Wildlife Conservation Plan was earlier approved at a cost of Rs.216.00 lakh and communicated to you in this office memo No.6001 dt 06.09.2011 in compliance to the specific condition No.(xxix) stipulated by Government of India, MoEF vide their letter No.J-11015/1081/2007-IA.II(M) dt 15.12.2008 while according environmental clearance to Khandbandh Iron Ore mines involving total mine lease area of 366.311 ha of M/s OMC Ltd. in Keonjhar district.

The financial outlay of the plan has subsequently been revised several times basing on the upward revision of minimum wage rate at Rs.280/-, Rs.298/- and finally at Rs.303.40. The cost of the Site Specific Wildlife Conservation Plan finally revised to Rs.508.86 lakh basing on the minimum wage rate of Rs.303.40 per manday has been communicated to you vide memo under reference. In the said approval letter, it was instructed to raise demand with user agency for deposit of Rs.410.76 lakh being the project impact area cost of the plan, in CAMPA fund. As informed by the user agency, it has deposited the entire project impact area cost of Rs.410.76 lakh in CAMPA fund.

P.T.O.

In the meanwhile, the Compensatory Afforestation Fund Act, 2016 has come into force with effect from 03.08.2016 and Government of India, MoEF&CC (FC Division) vide their letter in File No.FC-11/43/2021-FC dt 22.03.2021 have issued guidelines for deposit of compensatory levies by the user agency in full in CAMPA fund as estimated for implementation of Wildlife Management Plan, etc. on time, citing the provisions of the clause (iii) of sub-section 3 of Section of 4 of the said Act.

Citing the above guideline, M/s OMC Ltd. have requested (copy of letter enclosed) for issue of revised demand for deposit of entire approved cost of the plan to facilitate submission of compliance to stage-I stipulations.

In view of the facts mentioned above, you are requested to please raise demand with the User Agency for deposit of total cost of Rs.508.86 lakh subject to adjustment of the amount already deposited in this regard.

Encl: As above

Principal CCF (WL) & CWLW, Odisha

Memo No. 7020 /dt 28/07/2021

Copy forwarded to the Principal Chief Conservator of Forests, Odisha/ Regional Chief Conservator of Forests, Rourkela Circle for information and necessary action with reference to this office memo No.7429 dt 15.09.2020.

Principal CCF (WL) & CWLW, Odisha

Memo No. 7021 /dt 28/07/2021

Copy forwarded to Dr. Suman Krishna Sit, General Manager (Geology), Authorized Signatory, OMC Limited, OMC House, BBSR - 751001 for favour of information and necessary action with reference to his letter No.10511/OMC/F&E/2021 dt 19.07.2021.

Principal CCF (WL) & CWLW, Odisha

OFFICE OF THE
NO. 4916 / CWLW
Dt. 20/07/2021

OMC | ODISHA NEW OPPORTUNITIES

Letter No. 1050/OMC/F&E/2021
19th July, 2021

To

The PCCF (Wildlife) & Chief Wildlife Warden, Odisha
Prakruti Bhawan, Plot No. 1459,
Saheed Nagar, Bhubaneswar

Sub: Proposal for diversion of 345.189 ha of forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, Odisha.

Ref: File No.FC-11/43/2021-FC dt 22.07.2021 by MoEF & CC, Govt. of India.

Sir,

MoEF & CC, Government of India vide letter under reference (i) has reiterated the following:

"3. The State Government/UT Administration shall also ensure that the user agency deposits compensatory levies in full as estimated for implementation of Wildlife Management Plan, Catchment Area Treatment Plan, or any other stipulated activity on time."

In order to comply the above, condition no.vi of the stage-I approval and the additional condition imposed by the State Govt. while communicating the Stage-I grant order pertaining to Khandbandh Iron Ore Mining lease of OMC over 366.311 ha, the following are submitted for kind perusal:

- A Site Specific Wildlife Conservation Plan (SSWLCP) was approved by PCCF (WL) & CWLW, Odisha vide Memo No. 6000/1WL (C) SSP-314/2011 dt. 06.09.2011 at a financial outlay of Rs. 216.00 lakh which includes Rs. 46.0 lakhs for the project area and Rs. 170.00 lakh in the project impact area.
- The above said SSWLCP was revised on account of wage revision vide Letter No. 5704 dt. 09.07.2019 by PCCF (WL) & CWLW, Odisha with a financial outlay of Rs. 464.04 lakhs which includes Rs. 93.44 lakh for project area and Rs. 370.60 lakh in the project impact area.
- On receiving the demand, OMC has already deposited an amount of Rs. 3, 70, 60,000/- on dt. 25.07.2019.
- The SSWLCP was again revised to Rs. 508.86 lakhs by PCCF (WL) & CWLW, Odisha vide letter No.7428 dt 15.09.2020 which includes Rs. 98.10 lakhs for the project area and Rs. 410.76 lakhs for the project impact area.
- On receiving the demand, OMC deposited the differential amount of Rs. 40, 16,000/- on dt. 13.11.2020.

According to the guidelines by MoEF & CC under reference (i), the entire amount approved under Wildlife Management Plan is to be deposited in full in CAMPA account.

In this regard, it is sincerely requested to inform DFO, Keonjhar to raise a demand on OMC to deposit the entire amount in order to comply the stage-I stipulation by MoEF & CC.

An early action is highly solicited.

Yours faithfully,

(Dr. Suman Krishna Sit)
General Manager (Geology)
Authorized signatory

OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION

Phone No- 06766-254315, email ID- dfokjr.od@gov.in

No. 4474 /Mining-
Dated, Keonjhar, the 30-07-2021

To

The Executive Director, F&E,
M/s OMC Ltd, OMC House,
Bhubaneswar- 751001

Sub: Diversion of 345.189 ha forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbadh Iron Ore mines of M/s OMC Ltd.

X-Sub: **Site Specific Wildlife Conservation Plan for Khandbadh Iron Ore Mines of M/s OMC Ltd in Keonjhar District**

Ref: This office letter No. 5662 dt. 18.09.2020 and letter No. 7019/WL dated 26.07.2021 of Principal Chief Conservator of Forests, (Wildlife) & CWLW, Odisha, Bhubaneswar.

Sir

With reference to the aforementioned letter on the captioned subject the Principal Chief Conservator of Forests, (Wildlife) & CWLW, Odisha, Bhubaneswar has approved the Site Specific Wildlife Conservation Plan for the above project with a financial outlay of Rs. 508.86 lakh out of which Rs. 410.76 lakh (Rs. 370.60 lakh on dt. 25.07.2019 + Rs. 40.16 lakh on dt. 13.11.2020) has already been deposited in Ad-hoc CAMPA Account. Now, the Principal Chief Conservator of Forests, (Wildlife) & CWLW, Odisha, Bhubaneswar has instructed to raise demand with the user agency for deposit of total cost of Rs. 508.86 lakh vide his letter No. 7019/WL dated 26.07.2021.

Therefore, it is requested to deposit the balance SSWCP approved amount of Rs. 98.10 lakh (Rs. 508.86 lakh – Rs. 410.76 lakh already deposited) through **e-portal** of MoEF&CC as provided in the **https://parivesh.nic.in/** and the proof/evidence of the deposit of fund be submitted to this office for further necessary action at this end.

Yours faithfully,

Divisional Forest Officer,
Keonjhar Division.

Memo No. 4475(2) **Dated.** 30.07.2021

Copy forwarded to the Regional Chief Conservator of Forests, Rourkela Circle, Rourkela/ Addl. Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar for favour of kind information and necessary action.

Divisional Forest Officer,
Keonjhar Division.

AGENCY COPY

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 04-08-2021

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	5887070251
MoEF/SG File No.	8-46/2018-FC
Location.	ORRISA
Address.	OMC HouseKhordha
Amount(in Rs)	9810000/-

Amount in Words Ninety-Eight Lakh Ten Thousand Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	UBIN0903710
Pay to Account No.	150825887070251
Bank Name & Address:	Union Bank Of India Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

BANK COPY

Union Bank

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 04-08-2021

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	5887070251
MoEF/SG File No.	8-46/2018-FC
Location.	ORRISA
Address:	OMC House Khordha
Amount(in Rs)	9810000/-

Amount in Words Ninety-Eight Lakh Ten Thousand Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	UBIN0903710
Pay to Account No.	150825887070251 Valid only for this challan amount
Bank Name & Address:	Union Bank Of India Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

After making successful payment, User Agencies may send a line of confirmation through Email: helpdeskcampa@corpbank.co.in

Note: After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date to Email: cb0371@unionbankofindia.com

UBINJ21218304942

dt. 06.08.2021

S. Mohapatra
Dy. General Manager (F/n)

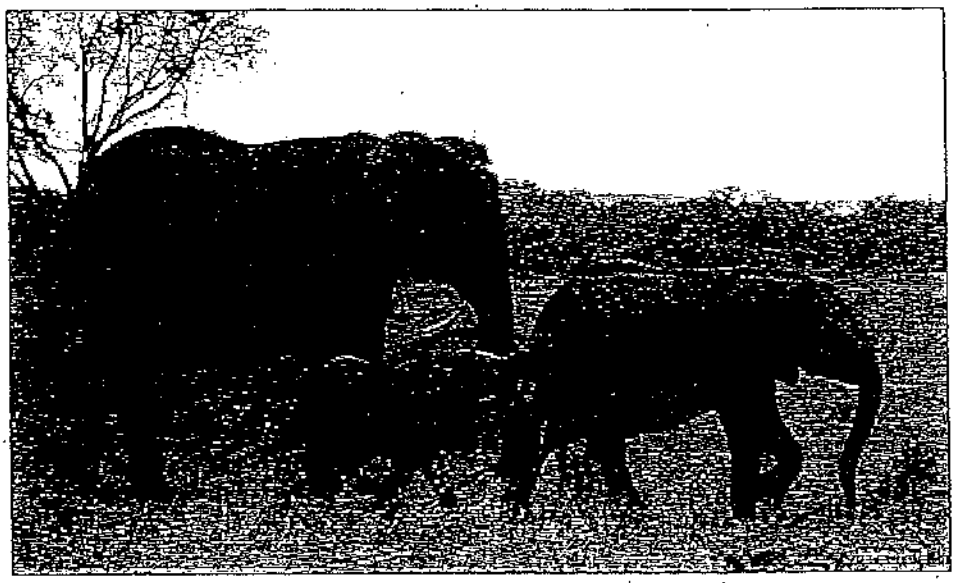
ANNEXURE: 1 – V

WILDLIFE MANAGEMENT PLAN

OF

KHANDABANDH IRON ORE MINES

IN KEONJHAR DISTRICT



OF

ORISSA MINING CORPORATION LIMITED

Prepared by

Sri B. K.Patnaik IFS(Retd.) ex-PCCF(WL)

&

Sri P. K. Sarangi IFS(Retd.)

OFFICE OF THE
PRINCIPAL CHIEF CONSERVATOR OF FORESTS (WILDLIFE)
AND CHIEF WILDLIFE WARDEN: ORISSA: BHUBANESWAR-751012.

Memo No. 6000 /1WL(C)SSP-314 /2011.
Dated, Bhubaneswar the 6 th Sept., 2011.

To

The Chief Conservator of Forests (Nodal),
O/O the Principal Chief Conservator of Forests, Orissa,
Bhubaneswar.

Sub: Approval of site specific wildlife conservation plan of Khandabandh Iron Ore Mines of M/S Orissa Mining Corporation Ltd.

I am directed to inform you that the Site Specific Wildlife Conservation Plan for Khandabandh Iron Ore Mines of M/S Orissa Mining Corporation Ltd. at village Khandabandh in the district of Keonjhar has been approved by the Principal Chief Conservator of Forests(WL) & Chief Wildlife Warden, Orissa with financial forecast of Rs.216.00 lakhs for the following activities.

1.For activities to be implemented by User agency in ML area-		Rs.46.00 Lakhs.
2.For activities to be implemented by the DFO, Keonjhar Division in the Project impact area-		Rs.170.00 Lakhs
	Total:	Rs.216.00 Lakhs

Various activities in the lease hold area will be executed by the User Agency under the guidance of D.F.O., Keonjhar Division. Rs.170.00 Lakhs may be deposited with the Divisional Forest Officer, Keonjhar Division under CAMPA for implementation of various activities within the project impact area.

Approved by Principal C.C.F. (WL),
Orissa, Bhubaneswar.

Encl: Two Nos. of approved
S.S. WL Conservation Plan.

Conservator of Forests (WL).

Contd..2

Memo No. 6001 /Dt 6 .09.2011.

Copy forwarded to the Divisional Forest Officer, Keonjhar Division for information & necessary action with reference to R.C.C.F.,Rourkela Memo No.1868 dt.15.07.2011.

Encl: One No. of approved
S.S. WL Conservation Plan

Conservator of Forests (WL).

Memo No. 6002 /Dt. 6 .09.2011.

Copy forwarded to the Regional Chief Conservator of Forests, Rourkela Circle for information & necessary action with reference to his Memo No.1866 dt.15.07.2011.

Conservator of Forests (WL).

Memo No. 6003 /dt. 6.09.2011.

Copy forwarded to The Dy. General Manager, (Geo), Power of Attorney Holder,Orissa Mining Corporation Ltd.,OMC House, Bhubaneswar-01.for information & necessary action.

Conservator of Forests (WL).

SITE SPECIFIC WILDLIFE MANAGEMENT PLAN FOR KHANDABANDH IRON ORE MINES OF M/S ORISSA MINING CORPORATION LTD. IN THE DISTRICT OF KEONJHAR

CHAPTER – VII

FINANCIAL FORECAST

6.0.0 Basing on the Wildlife Management Plan as per the foregoing Chapter the estimate has been prepared. The estimate has been divided into two categories.

1. For the activities within the mining area to be taken up by the lessee.
2. For the activities within the Zone of Influence i.e. within 10 Kms. radius of the mining activity – to be taken up by the Forest Department.

6.1.1. The cost estimate for different categories have been worked out separately. The estimates are given below:

6.1.2. Activities within Mining area

Rs. In Lakh.

Sl.No.	Description of works	Amount approved by CWLW, Orissa.
1	Wild animal watchers Rs.4000X2X12monthsX10 years	09.60
2	Solar Electric fencing 2 Kms.	06.00
3	Creation of awareness	05.00
4	General provision of equipments, such as GPS,Computers,Vehicle, Motor Cycles etc. as per specification of the DFO	20.00
5	Fire protection measures 4000X2X5-monthX10	04.00
6	Unforeseen	01.40
	Total:	46.00

Contd..2

6.1.3 Activities within the zone of Influence.

Rs. In Lakh.

Sl.No.	Description of works	Amount approved by CWLW, Orissa.
1	ANR gap plantation over 300ha. @ 20,000/- per ha.	60.00
2	Grass land Development- 5ha.	07.50
3	Soil and moisture conservation- check-dams	20.00
4	Creation of Water Body	05.00
5	Engagement of Motivators 2 Nos.	09.60
6	Anti poaching squad – Rs.4000X4X12X10	20.00
7	Barrack of Anti Poaching Squad	06.00
8	Fire watchers- 3Nos. 4000X3X5-months X 10 years	06.00
9	Fire fighting Equipments	02.00
10	Incentive for Fire Prevention	05.00
11	Fire line tracing	02.00
12	Corpus Fund.	10.00
13	Intelligence Collection	03.00
14	Creation & Maintenance of salt licks	01.00
15	Cattle immunization 2000 Nos. for 10-years	04.00
16	Monitoring & Evaluation	05.00
17	Unforeseen	03.90
	Total:	170.00

6.1.3 The total estimate of this plan is therefore (Rs.46.00 Lakhs + Rs.170.00 Lakhs) = Rs.216.00 lakhs.

Approved by
Principal C.C.F. (WL) &
Chief Wildlife Warden, Orissa..

Conservator of Forests (WL).

PREFACE

Khandabandh Iron ore Mines of Orissa Mining Corporation Limited in the District of Keonjhar spreads over an area of 366.311 Ha out of which Forest Kissam land is 294.53Ha. The lease area is surrounded by other Mines in all sides. Although, wild animals are very sparse with-in the lease area, the Elephants are usual visitors to the area particularly during paddy harvesting season and at the time of ripening of Jackfruits. Mining activities in this area will affect the Wild-life of the adjoining forest areas and will pose various threats to the Wild animals. As various Mines are in operation adjoining the lease area, the problem can be properly addressed only if a comprehensive wild-life Management plan is prepared for the entire belt which will help in protecting the wild-life as well as their habitat. In this Plan therefore it is left to the discretion of the DFO/ Forest Department to alter the proposal depending on the field demand and necessity.

This plan aims at minimizing the threats posed by mining activities and to improve the Wild-life Habitat in the adjoining Forest area such as the Zone of Influence and beyond.

Proper implementation of the Plan will definitely improve the Wild-life Habitat in the area and will reduce man-wild animal conflict.

My thanks are due to Sri S.K. Mohanty DFO Keonjhar Forest Division and his staff for providing relevant information for the plan.

My special thanks to Mr. S.C.Mishra IFS Executive Director, OMC and Sri D.K.Patnaik, Manager (F&E), OMC for providing important information and documents and extending necessary help at all stages for preparing this plan.

B.K.Patnaik

(g) Dust hazards will be controlled by regular spray of water on haul roads and the mine product at the time of loading and transportation.

(h) Garbage will be disposed of through efficient garbage management methods.

(i) Man animal conflict will be reduced by creating awareness through engagement of motivators and quick payment of compassionate amounts.

(j) The proposed cost for implementation of this plan is Rs. 213.50 lakhs out of which the lessee will take up the activities for Rs. 53.00 lakhs and the Forest Department will take up various measures for Rs. 161.50 lakhs. This amount of Rs.161.50 lakhs will be deposited with the Forest Department.

0.6.3 The proposed amount indicated above includes the logistic support in shape of equipments, Vehicles etc. as required by the implementing DFO to a tune of up-to Rs.25.00 lakhs.

0.7.1 The activities proposed in this plan are expected to be undertaken within a period of 5 years with the presumption that, the desired result will be achieved within this period. However after completion of five years the objectives as well as the achievements will be reviewed, and further steps as required will be taken depending on approval of Mining plan.

15.7.2011

P.K. BOSE
DY. GENERAL MANAGER (GEO)
POWER OF ATTORNEY HOLDER
ORISSA MINING CORPORATION LTD
BHUBANESWAR - 01

Regional Chief Conservator of Forests
Rourkela Circle

P. K. Sarangi

Forest Range Officer
Champua Range

KHANDABANDHA IRON ORE MINES — ORISSA MINING CORPORATION LIMITED

DIVISIONAL FOREST OFFICER
CUM-WILD LIFE WARDENS
KEONJHAR DIVISION.

EXECUTIVE SUMMARY

0.0.0 This Wild-Life Management Plan is prepared as a partial fulfillment of the requirement of MoEF , Govt. of India.

0.1.0 Khandabandh Iron Ore Mines has been leased out to Orissa Mining Corporation Ltd.

The total area of the mine for which renewal has been applied is- 366.311ha out of which Forest Kissam land is 294.53Ha.

0.2.1 The Mineable Reserve of Iron ore in the lease area has been estimated to be, 89,27,613 Metric Tons. The production target has been fixed at 1 million Tons per annum. Therefore the life of the mine has been estimated to be 9 years.

0.2.2 The lease area of Khandabandh Iron Ore Mines is located on the Topo Sheet No. 73G/5 (1:50,000) and bounded by

Latitude – 21° 55'20" N and 21° 57'40" N.

Longitude – 85° 23'20" E and 85° 25'00" E.

This area can be approached from Joda-Barnebari State Highway. The distance of the lease area is around 26 kms from Barbil and around 13 kms from Joda.

The area is highly undulating and mountainous, the altitudes vary from 525 mt. to 677 mtr. above MSL. However four prominent peaks with altitudes 639m, 670m, 664m and 677m are present with in the lease area. The drainage leads to river Baitarani through two nos of Nalas, Kundra and Karo.

0.2.3 The climate is tropical with a very hot summer, the temperature rising upto 46°C, a moderate to cool winter and well defined rainy season. The minimum temperature during winter is as low as 7°C.

0.2.4 The existing Forest kissam lands can be classified as Moist peninsular valley Sal.

0.3.1 The lease area does not form a part of any National Park or Sanctuary or Critical Wild Life habitat. No protected area is situated in the vicinity or within the zone of influence.

0.3.2 Wild animals are occasionally noticed in the area. Elephants are regular visitors during paddy season and Jackfruit ripening period. Surprisingly Wild bear are not found here.

0.4.1 There is no population within the lease area. There are 38villages within the zone of influence with 54.79% Tribal population.

0.4.2 The major employment of the population is mining. The proposed mine will directly employ 430 persons in various mining activities. Besides several other persons (approximately 2000 persons) will be engaged in scores of related activities on contract basis such as Ore crushing/ dressing, Transportation etc.

0.5.1 The process of mining will be opencast mechanized method with drilling and blasting.

0.6.1 The threats perceived due to operation of the mine are:

(a) Reduction of wild life habitat

(b) Soil erosion

(c) Water pollution & water scarcity

(d) Dust hazards

(e) Noise disturbance

(f) Lighting problems

(g) Garbage problems

(h) Physical threats such as fall of animals in the pits, poaching etc.

(i) Forest fire

0.6.2 The management plan has addressed all the above threats and tried to minimize such threats.

(a) Restoration of habitat will be done by the lessee with plantation 8000 seedlings within the lease area in addition to maintaining the Forest Cover along the safety Zone at its own cost. 300 ha ANR plantation along with Silvicultural operation is proposed to be taken up and 15 ha Silvipasture with elephant fodder species will be developed within the Zone of Influence by the Forest Department. The lessee will contribute Rs. 67.50 lakhs for this purpose.

(b) Soil conservation measures will be taken up by constructing Check Dams. The lessee has proposed to contribute Rs. 20.00 lakhs for this purpose.

(c) One large water body will be created at a cost of Rs. 5.00 lakhs to provide water to animals throughout the year.

(d) Two motivators will be engaged for creating awareness and change of cropping habit. Improved seeds will be provided to the farmers for change of cropping habit.

(e) Anti-poaching squad will be formed to prevent poaching and other related offences. Barracks and other logistics will be provided for them.

(f) Water pollution will be checked by diverting the water to pass through garland drains and settling tanks and treating the water generated in the mine.

(g) Dust hazards will be controlled by regular spray of water on haul roads and the mine product at the time of loading and transportation.

(h) Garbage will be disposed of through efficient garbage management methods.

(i) Man animal conflict will be reduced by creating awareness through engagement of motivators and quick payment of compassionate amounts.

(j) The proposed cost for implementation of this plan is Rs. 213.50 lakhs out of which the lessee will take up the activities for Rs. 53.00 lakhs and the Forest Department will take up various measures for Rs. 161.50 lakhs. This amount of Rs.161.50 lakhs will be deposited with the Forest Department.

0.6.3 The proposed amount indicated above includes the logistic support in shape of equipments, Vehicles etc. as required by the implementing DFO to a tune of up-to Rs.25.00 lakhs.

0.7.1 The activities proposed in this plan are expected to be undertaken within a period of 5 years with the presumption that, the desired result will be achieved within this period. However after completion of five years the objectives as well as the achievements will be reviewed, and further steps as required will be taken depending on approval of Mining plan.

CHAPTER- I

INTRODUCTION

Odisha has very rich Mineral resources. Various minerals like Iron Ore, Manganese, Bauxites, Quartz & quartzites, Gold, Vanadium, Soap stone, China clay, Asbestos, Pyrophyllite of different colors, Copper, Galena, Nickel, Kyanite, Mica, Vermiculite, Kanker, Mercury, Coal, Diamond, Gemstones, Lime stone, Granites of extensive grains and colors and decorative stones and scores of other minerals are available in different parts of Odisha.

Large deposits of Iron and Manganese Ore are found in the districts of Mayurbhanj, Keonjhar, Jajpur and Sundargarh. In these areas several Steel plants and ancillary units have come up, besides operation of large scale Mining activities.

Khandabandh Iron Ore Mines of Keonjhar district is being operated by Orissa Mining Corporation Limited.

1.1.0 The Mining lease over 905.175Ac granted by the Govt. of Orissa in letter No.11708Dt22.11.63. The surface right over 140Acres area was granted by the Collector, Keonjhar, in letter No.203 Dt28.1.1964. Subsequently surface right over 562.4Ac was granted within the lease area of 905.175Ac by the Collector Keonjhar in letter No. (M)419/Dt12.2.1966. Again surface right over 140.65Ac granted by Collector Keonjhar in his Order No.140Dt.2.2.71.

1.2.0 The Govt. of India in their Ministry of Environment and Forest letter No.J-11015/1081/2007-IA-II(M) Dated the 15th December,2008 have communicated the Environment clearance for the project over 366.311Ha. which include the Forest land of 294.53Ha.

1.3.0 The State Pollution Control Board have also accorded their consent for opration of the mining activities in their Order No.12898/ND-I-CON-243 Dt.5.1.10.

1.4.0 Renewal application has been filed by OMC on Dt.9.11.92 with Collector Keonjhar.

1.5.0 The Mining Plan was originally approved by the Indian Bureau of Mines, Bhubaneswar Regional Office in their letter No. BBS/KJ/Fe/MP-162 dt.29.10.2003 with the targeted production of 0.2million Tons per annum.

1.6.0 The expansion proposal and the enhanced target of 1million Tons per annum has been approved by the Govt. Of India, Ministry of Mines, Indian Bureau of Mines, MCCM, Central Zone in their letter No. 314(B)/2008-MCCM(CZ)/MS-36, Nagpur, Dated 18th June, 2009. Environmental clearance has been issued by the Govt. Of India, Ministry of Environment and Forests in their letter No.J-11015/1081/2007-IA.II(M), Dated the 15th December,2008 for this enhanced production.

1.7.0 The lease area of Khandabandh Iron Ore Mines can be located on the Topo Sheet No. 73G/5 (1:50,000) and bounded by

Latitude - 21° 55'20" N and 21° 57'40" N

Longitude - 85° 23'20" E and 85° 25'00" E.

1.8.0. The District of Keonjhar is very rich in Forest as well as wild life. This district is a part of Eastern Ghats and is a continuation of famous Saranda Forest. Various Wild Life species including Elephants are present in this District.

1.9.0. The lease area is a part of Keonjhar Forest Division in Keonjhar District. The entire belt is very rich in mineral deposits such as Iron Ore and Manganese Ore.

1.10.0. Keonjhar District is also an Industrial Belt. A number of Industries have come up in District. Presence of Wild-Life along

with Industries and Mining activities create a conflicting situation. Hence this Plan aims at minimizing the conflict to the extent it relates with the Mining activities.

1.11.0. This plan (Wild Life Management Plan and Site Specific Conservation Plan) is prepared as a partial fulfillment of the conditions as required by the MoEF, Govt. of India for approval of Diversion proposal.

1.4.0 This Plan will be operative in consonance with the existing Mining Scheme, ie. Up to the year 2012-13 and can be reviewed thereafter.

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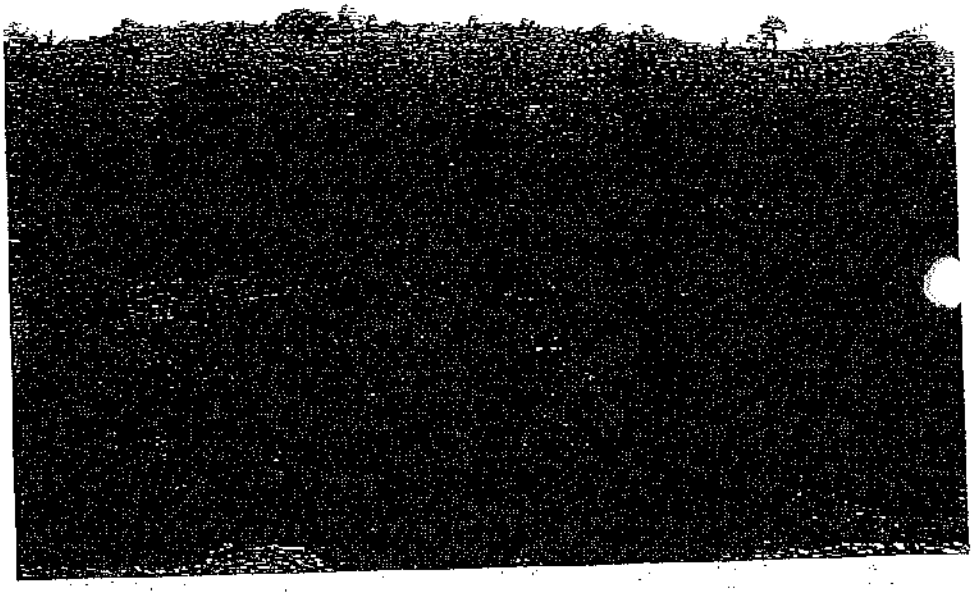
CHAPTER – II

DETAILS OF THE LEASE AREA



2.0.1. This lease of Khandabandh Mines for extraction of Iron Ore has been granted in favour of Orissa Mining Corporation with Registered Office at Bhubaneswar.

2.0.2. **Brief of the lease area.**

Khandabandh mining lease area falls within Keonjhar District. The total lease area is 366.311Ha out of which Forest area is 294.530Ha.

2.0.3. **Location**

District and State – Keonjhar , Orissa

Sub-Division – Champua

Village in the vicinity – Khandabandh

Mining lease area - 366.311ha .

This area can be located on Topo Sheet No.73G/5 with

Latitude between - 21° 55'20" N and 21° 57'40" N

Longitude between - 85° 23'20" E and 85° 25'00" E.

(a) This area can be approached from Joda-Barnebari State Highway. The distance of the lease area is around 26 kms from Barbil and around 13 kms from Joda.

(b) The State express highway is situated at a distance of 1km from the lease area.

(c) The nearest Township are Joda and Barbil where all the market facilities, transport and excellent health care are available.

(d) The Daitari-Keonjhar-Banspani Railway link is situated at a distance of 0.5km North-Eastern side. The nearest Railway Stations is Bansapani which is situated at a distance of around 5 kms from the lease area where excellent loading facilities are available . Road Transport facilities at Joda and Barbil are also excellent.

(e) The nearest port is Paradeep, situated at a distance of around 380 km. and the Airport at Bhubaneswar at a distance of around 320 kms. from the mining area.

(f) The river Baitarani flows at a distance of 2.8kms of the lease area which serves as the ultimate drainage system of the lease area .

(g) The surface right for the mine has been granted in the year 1964, therefore all the infrastructure are available.

(h) The lease area is completely surrounded on all sides by mining leases as detailed below.

1. M/S TISCO, Jururi - NE
2. M/S Tarini Minerals, Jururi - E
3. M/S TISCO, Joribahal - SE
4. M/S TISCO, Guruda - S
5. M/S TISCO, Khandabandh - W
6. M/S KMC, Jururi - N

This lease area being situated at the middle of all the above mines (the location map enclosed as a Plate) will have practically no impact on Wildlife.

2.0.4. Status of Lease area

The lease area comes within the limits of five villages. The land use pattern that existed at the time of granting lease is as follows.

Sl. No.	Name of the Village	Forest land in Ac	Govt. waste land in Ac	Community land in Ac	Private land in Ac	Total land in Ac
1	Khandabandh	658.90	107.06	2.10	53.55	332.502
2	Guruda	4.38	12.49	0.55	1.62	19.04
3	Jalahari	26.50	-	-	-	26.50
4	Jarali	36.25	-	-	-	36.25
5	Jajang	1.75	-	-	-	1.75
Total area in Ac.		727.78	119.55	2.65	55.17	905.15
Total area in Ha.		294.530	48.381	1.072	22.327	366.311

2.0.5. Land use pattern of the ZoI

The Zone of Influence is predominantly Forest area. The details are:

Settlement	-	1886Ha	5.26%
Agriculture	-	5742 Ha	16.01%
Forest Land			
Dense Forest	-	11177Ha	31.18%
Open Forest	-	9390Ha	26.19%
Scrub	-	3490Ha	9.73%
		24057Ha	67.10%
Waste Land	-	2599Ha	7.25%
Grazing Land	-	1176Ha	3.28%
Water Body	-	396Ha	1.10%
Total Land	-	35856Ha	

2.1.1. Land use Pattern

The land use pattern which exists at present is as follows:

Type of land use	Forest area in Ha	Waste land area in Ha	Total area in Ha
Mining	95.75	9.30	105.06
Waste Dumping	19.49	8.87	28.36
Ore stack	2.37	0.28	2.64
Transport	-	2.63	2.63
Workshop,	6.37	-	6.37

Magazine			
Township	0.58	4.94	5.51
Others	4.54	-	4.54
Total	129.10	26.02	155.12

2.1.2. Proposed land use

The land use pattern proposed during the plan period for the Mining lease area is as follows.

Sl. No.	Purpose	Forest land in Ha.	Govt. waste land in Ha.	Total area in Ha.
1	Mining	138.88	30.16	169.04
2	OB Dump	19.49	8.87	28.36
3	Mineral storage	3.91	0.46	4.36
4	Transport	0	2.63	2.63
5	Workshop, Garage, Magazine	8.00	-	8.00
6	Others	4.54	-	4.54
	Total	191.15	47.06	238.21

The overall land use pattern during the conceptual period is proposed to be as follows:

Sl. No	Type of use	Area in Ha
1	Area to be excavated	271.026
2	OB dump	28.359
3	Infrastructure	9.473
4	Roads	10.638
5	Green Belt	8.880
6	Plantation	1.012
7	Public purpose	1.479
8	Agriculture/private kept as such	19.106
9	Magazine	16.338
Total		366.311

2.1.3. Communication

The lease area is well connected to the adjoining towns such as Joda and Barbil. All the modern facilities are available in these towns. As the Mining lease has been in operation for the last several years, all the required infrastructures are available in the lease hold area.

2.1.4. Topographical Features

The Mining lease area lies in the southern continuation of Bonai-Keonjhar Belt of Ranchi Plateau. The area is with rugged topography and undulating terrain. The area is marked with North-South trending hills with swing to NNE-SSW. There are four prominent hillocks with altitude of 639m, 670m, 664m and 675m. The general elevation of the lease area varies from 580mt. above MSL to 530mt. above MSL.

2.1.5. Climate

The lease area falls within the Tropical region which is marked by very hot and prominent summer. There are three distinct seasons, a prominent summer season from March to June, Well defined rainy season from July to October and moderate winter from November to February.

The average annual rainfall of past 5years is 1583 mm. Maximum rainfall is received due to South-West Monsoon. About 80% of the rainfall is received during the month of July & August. The number of rainy days varies from 65 to 80 days during the year.

The temperature during summer rises very high. The maximum temperature rises to 46°C in hot summer where as the minimum temperature at times comes down to 7°C during winter months.

2.1.6. Drainage

Due to the high altitude the lease area does not contain any perennial water source. Drainage takes place through some seasonal nalas which drain in to river Baitarani through Kundra Nala and Karo Nala. The river Baitarani flows at a distance of 2.8kms from the lease area.

2.1.7. Mineable Reserve

The net reserve of Iron ore as per the estimate undertaken in the lease area has been estimated as follows:

Category	Geological Reserve	Mineable Reserve
Proved	92,13,022	87,80,133
Probable	73,740	73,740
Possible	73,740	73,740
Total	93,60,502	89,27,613

The annual Target for extraction of Iron Ore is 1million Tons. Therefore the life of the Mine for extraction of Iron Ore is estimated to be 9 years.

2.1.8. Local Geology

The Lease area is a part of the ``Horse Shoe'' shaped iron ore Geo-syncline (Jones, 1934) representing the famous Singhbhum-Bonai-Keonjhar iron ore belt. Geologically the terrain forms a part of oldest meta-sedimentary formations of pre-cambrian age locating a number of economically important Iron & Manganese deposits. The group is identified as a part of Jamda-Koira valley synclinorium

The Precambrian iron ore group of rocks comprise of lower volcanics and tuffs, shales & Banded Hematite Jasper (BHJ) with iron ore and upper shales. Economic mineral deposits of iron &

manganese are confined to BIF and shales respectively. The host rocks which form a part of the eastern limb of the famous horse-shoe shaped, Bonai synclinorium are in consonance with the disposition of the synclinorium.

The latest regional stratigraphic succession of the lease area is given below :

End of Singhbhum Orogenic Cycle

(850 million years)

Newer Dolerites (1600 to 950 my)

Mayurbhanj Granite (1200 my)

Gabro-anorthosite (1400 my)

Ultramafic intrusion

Kolhan Group

Unconformity

Banded Shale Formation

(Banded shale Member, Black Shale ,ember)

Dhanjori Group *Jaganathpur Lavas (1600 – 1700 my)* *Dhanjhori Similipal Lava Quartzite and Conglomerate*

Unconformity

Chaibasa Formation

Unconformity

Singhbhum Granite (2950 my)

Iron Ore Orogeny

Iron Ore Group

Unconformity

Older Metamorphic Gneiss (3200 my)

----------Older Metamorphic Orogeny----------

Older Metamorphic Group

In the year 1975 more detailed stratigraphic succession has been described.

Kolhan Group	*Sandstone*	*Conglomerate Breccias*

----------Unconformity----------

Koira Group

		Basic Lava, tuffs and tuffites of Volcanic facies.
Dolomite, silty	*Mixed facies Formation*	*Iron, Manganese, Lenses of iron formation, Chert, patches of chemical facies. Minor lenses of sandy and Shale of clastic facies.*
	Banded shale Formation	*Banded Shale member Black Shale member*
	Banded Iron Formation	*Black Shale-chert member Finely banded Jaspilite Coarsely banded*
	Volcanic Formation	*Tuffeceous shale Basic lava*
with	*Basal sand stone*	*Gritty sandstone, quartzite Conglomerate at places inter bedded lava at top.*

----------Unconformity----------

Singhbhum Granite

2.1.9. Forest and Forest type :

As per the Orissa Forest Status Report 2003-04, the total Forest area in the District of Keonjhar are as follows:

Reserved Forest	..	1834.09 Sq.Km.
Demarcated Protected Forests	..	273.64 Sq.km.
Undemarcated Protected Forest	..	220.79 Sq.km.
Other Forests under the control of Revenue Department	..	768.40 Sq.km.
Other areas with forest growth	..	264.01 Sq.km.
Total	..	**3360.93 Sq.km.**

Out of the total forest land only 1669 Sq.km. are Dense Forest and the balance area is either open forest or degraded.

As per the India State of Forest Report 2009, Keonjhar District has the following types of Forests.

- Very dense Forest 308 Sq. Kms.
- Moderately dense Forest 1410 Sq. Kms.
- Open Forest 1511 Sq. Kms.

Total - 3229 Sq. Kms.

Thus approximately 132 Sq. Kms of Forest land has absolutely no Forest.

As per the classification of Forest types of India, the leasehold area can be classified as-

Group 3C : Northern Tropical Moist Deciduous Forest.

Sub-group-3C/C_e (iii) Moist peninsular valley Sal.

The geological formation and the soil conditions are very suitable for the growth of sal and its associates.

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The lease area contains Forest Kissam land as per DLC findings. This area is subjected to heavy Biotic pressure and ongoing mining activities. There is practically no vegetation on the lease area.

Wild animals stray away from the nearby forests and are occasionally seen in the area.

2.1.10. Working Plan Prescription :

The lease area is not covered under the Working Plan.

2.1.11. Flora Fauna :



The lease area doesn't come within part of any National Park, Wild Life Sanctuary, Elephant Reserve, Biosphere Reserve or any critical wildlife habitat. The vegetation in this area is also very sparse. Some of the species of Forestry importance found in the lease area are:

Local Name	English Name	Zoological Name	Schedule
Gunduri	Patridge	*Perdicula asiatisa*	IV
Kathahana	Wood peacker	*Picoides nanus*	IV
	REPTILES		
Ajagar	Python	*Python molurus*	I
Dhamana	Rat snake	*Ptyas mucosus*	II
Godhi	Yellow monitor	*Varanus monitor*	I

2.2.0 **Population :**

Lease area :- No habitation is affected by the lease.

Zone of Influence :

Thirty eight (38) Census villages are coming within the Zone of Influence (within a radius of 10kms. of the lease area). The list of the villages with other demographic features is furnished in the Annexure.

The population abstract is :

Total No. of household	-	31182
Total population	-	140017
Male Population	-	71885 (51.34%)
Female Population	-	68132 (48.66%)
Scheduled Caste	-	14793 (10.57%)
Scheduled Tribe	-	76715 (54.79%)
Literacy	-	55477 (39.62%)
Total Workers	-	55703 (39.78%)
Main Workers	-	44609 (31.86%)
Main Cultivators	-	4889 (3.49%)
Agricultural labourers	-	2396 (1.71%)
Household Industry	-	864 (0.62%)
Others	-	36460 (26.03%)
Non Workers	-	84314 (60.22%)

Regional Chief Conservator of For
Rourkela Circ

DIVISIONAL FOREST O
-CUM-WILD LIFE WAR
KEONJHAR DIVISI

The Zone of Influence is heavily populated with very large workforce.

KHANDABANDHA IRON ORE MINES

P.K. Sarangi

ORISSA MINING CORPORATION LIMITED

P.K. BOSE
DY. GENERAL MANAGER (GEO)
POWER OF ATTORNEY HOLDER
ORISSA MINING CORPORATION LTD
BHUBANESWAR - 01

Forest Range Officer
Champua Range

Provision of adequate employment is necessary so as to divert their

dependence on Forest.

2.2.1 **Employment** : The lease area as well as the zone of Influence comes within the industrial and mining belt of Keonjhar District. The major employment of the population is Mining and some are however Industrial Workers.

This mine will provide direct employment to 430 persons daily on regular basis, besides around 2000 people will be engaged in various ancillary operations.

2.2.2 **Industries :** A number of industries are situated around the lease area. The most important Industries are Iron Ore Crushers.. Rourkela Steel Plant is also situated within a distance of about 70kms.

15.7.2011
Regional Chief Conservator of Forests
Rourkela Circle

DIVISIONAL FOREST OFFICER
CUM-WILD LIFE WARDENS
KEONJHAR DIVISION.

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BHUBANESWAR - 01

CHAPTER – III

MINING PROCESS

3.1.0 **Process :** The mining process is open cast mechanized mining method with deployment of mechanized shovel and high capacity dumper of matching size. Drilling and blasting activities will also be taken up. The method is called as shovel dumper system. The Ore will be converted to the desired size by using suitable crushers and transported through road. Mechanised loading arrangements are made at the mine area. Transportation to the Railway siding will be done through high capacity dumpers.

For excavation of the mineral Excavators/Shovels of 0.90Cum will be utilized.

The Mining process will therefore be mostly mechanized.

3.2.0 **Overburden :** The over burden will be drilled and blasted by using rotary blast wagon drills. Hydraulic shovel type excavators will be used for removal of over burden. The overburden will be removed by dumpers. Total generation of overburden which will be removed is estimated to be 18,81,942 cubic meters (the swelled volume of the waste is estimated to be 30,11,107m^3) during the plan period

3.3.0 **Size of the Benches :** The height and width of the Benches shall be maintained at 6 mts each.



The bench slopes is proposed to be 70° where as the overall slope will be 45° with the horizontal.

3.4.0 **Drilling & Blasting** : The proposed mining will have 6 m height benches and will be drilled for blast holes by 100mm compressed air operated Jack hammers and Wagon Drill. The depth of the blast hole will be 6.6mts with 3.5mt spacing. Sequential blasting with delayed detonators, proper spacing, usage of optimum explosives etc. will be adopted to reduce fly rock and vibrations.

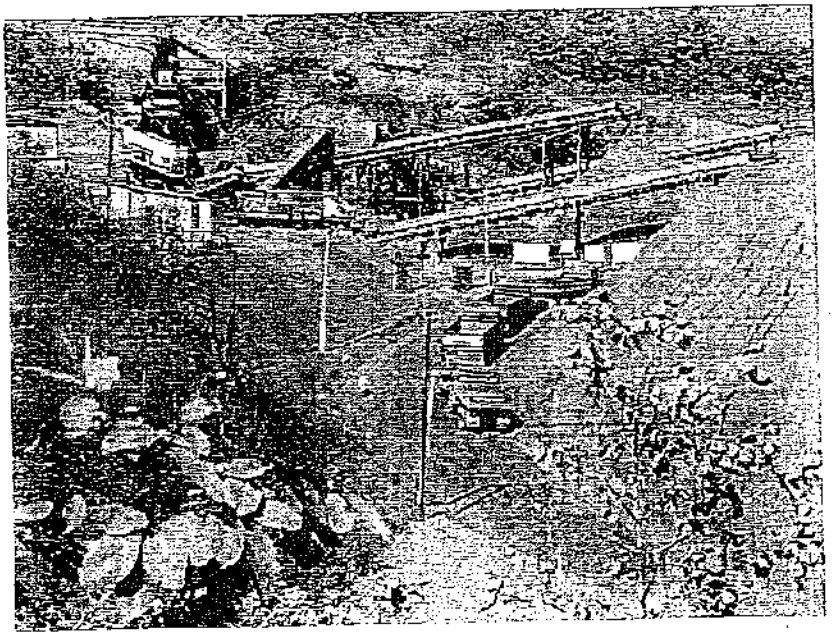
The in-situ massive ore will be dislodged by drilling followed by blasting prior to excavation and loading. The common type of explosives such as (a) Nitroglycerine based gelatinous explosive and (b) ANFO will be used for the mine.

3.5.0. **Extent of mine pits** : The pits will have different sizes for each deposit. In all 6 deposits have been identified. The average length and width of the pit will be as follows:

Deposit	Size of the pit in mts
1	400x360
2	300x180
3	500x450
4	1100x250
5	500x300
6	140x100

At the end of conceptual period the mine pit will cover 271.026Ha.

3.6.0. **Ore Crushing Units** : The Iron ore obtained from the mines will be transported to mechanized crushers. The crushed materials will be transported by dumpers to the Railways siding.



3.7.0. **Water Management** : The water table in the lease area is very low and therefore the mine will generate very small amount of

water. However during rains there will be accumulation of some water. The rain water will be channeled through garland drains provided around the dumps to the settling tanks provided along the drains. The rain water dewatering process if required will involve channallising the water along with slurry to pass through these garland drains and settling tanks. The treated water will be utilized for spraying the haul road for suppression of dust.

It has been estimated that, approximately 167m^3 of water will be required per day during the normal season and 197m^3 per day during peak period (during summer). It is proposed to lift 65m^3 from bore wells, draw 43m^3 /day (73m^3 /day) from Kundra Nala and use 59m^3 recycled water per day.

3.8.0. **Vehicles and Machineries** :



The major mining activity will involve excavation and transportation of the Ore. For this purpose the following vehicles are proposed to be used in the mining process besides use of drilling machines, generator operated-trolley mounted lighting systems and other required machineries like shovel loaders etc.

Sl. No.	Equipment	Existing	Proposed
1	Hydraulic Excavator 0.9m^3	4	5
2	Wagon Drill	2	2
3	Bull Dozer	0	1
4	Pay Loader	0	1
5	Tippers	20	15
6	Ambulance	1	1
7	Tractor	2	2
8	Compressor	2	2
9	Jack hammers	2	2
10	Generator	1	1
11	Water Tanker	1	1
12	Crusher	1	1

3.9.0. **Deployment of Manpower:**

The Mining operation will involve engagement of various technical and skilled persons. Although most of the works will be executed through Contract, the following persons will be directly employed for the mining activities.

I. Manager (Mining) - 2 nos

II. Mining Engineer - 1 no.

III. Mining Foreman - 4 nos

IV. Mining Mate - 8 nos

V. Compressor Operators - 3 nos.

VI. Drill Operators - 6 nos.

VII. Blaster - 2 nos.

VIII. Blasting Helper - 4 nos.

IX. Semi Skilled Miners - 400 nos.

Total - 430 nos.

Besides the above mentioned regular employees around 2000 persons will be engaged in scores of other contractual jobs such as transportation, maintenance, canteen, security etc.

3.10.0. **Salient Features of mode of working** : The mining operation such as excavation, blasting, loading crushing will be mechanized.

The overburden transportation will be done through dumpers.

The mine product will be transported through high capacity dumpers to the Railway siding.

CHAPTER –IV

THREATS TO WILDLIFE AND ITS HABITAT



The lease area of Khandabandh Iron Ore mines spread over 366.311Ha. An area of 294.530Ha is Forest Kissam land which is under the control of Revenue Department.

The Lease hold area contains scattered vegetation. This area does not form a part of any Sanctuary, National Park, Biosphere Reserve or Critical Wild-life habitat. This area being an existing mine no wild animals are present in this area. This area is also surrounded by various mines and mining activities and therefore is not a good habitat for wild life.

The Forests around the lease area are disturbed due to various Mining activities and presence of Wild-life is very sparse. As per the information collected the following Wild life species are occasionally found in the Reserve Forests within the Zone of Influence.

Local Name	English Name	Zoological Name	Schedule
MAMMALS			
Barha	Wild Boar	*Sus scrofa*	III
Bhalu	Sloth bear	*Melur sursinus*	I
Bilua	Jackal	*Canis aureus*	II
Hati	Elephant	*Elephas maximus*	I
Heta	Hyaena	*Hyaena hyaena*	III
Jhinka	Porcupine	*Hystyrix indica*	IV
Kutura	Barking deer	*Muntiacus muntijak*	III
Mankad	Monkey	*Presbytes entellus*	II
Neula	Mongoose	*Herpestes eduardsii*	II
BIRDS			
Bana Kukuda	Jungle fowl	*Gallus gallus*	IV
Kapta	Ring Dove	*Streptopelia chinensis*	IV
Koel	Cuckoo	*Eudynamis Scolopaceus*	IV
Kumbhatua	Crow pheasant	*Centropus sinensis*	IV
Gunduri	Patridge	*Perdicula asiatisa*	IV
Kathahana	Wood peacker	*Picoides nanus*	IV
REPTILES			
Ajagar	Python	*Python molurus*	I
Dhamana	Rat snake	*Ptyas mucosus*	II
Godhi	Yellow monitor	*Varanus monitor*	I

Non of the Endangered or Endemic Wild-Life species are found here. This area does not form a part of any National Park or Sanctuary or Critical Wild Life Habitat. However, the following threats are anticipated to the wild life and its habitat.

1. Threats within the mining area.
2. Threats within the Zone of Influence.

4.1.0. ***Threats within the Mining area.***

Mining operation in the area will involve various activities which have been enumerated in Chapter-III under mining process. Such activities may cause the following threats.

4.1.1. **Reduction in wildlife habitats**

Due to the mining activities 294.530Ha. forest area will not be available for general purpose such as collection of fuel, small timber and other NTFP items by the local population. This area will also not be available for use by the wild animals. Thus Wild-Life Habitat to the extent of Forest area under lease will be reduced.

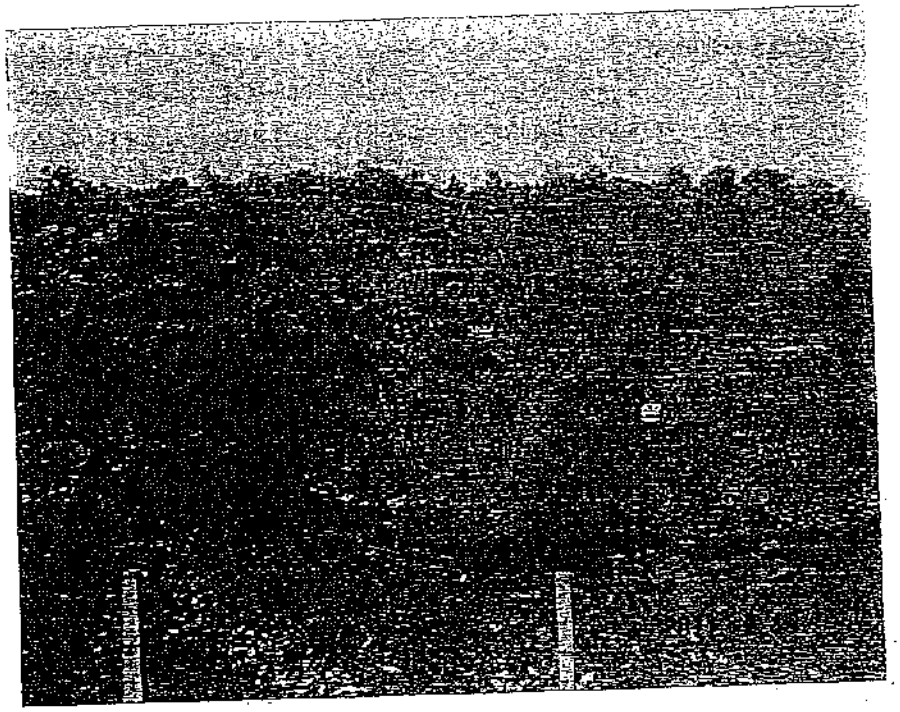
4.1.2. **Soil erosion**

The mining activity will involve removal of all the forest cover and top Soil and digging of large pits. Major part of the forest land will come under the mining pit setting aside the safety zone. The Topographical features of the lease area puts it in high erosion prone area. Therefore Large scale soil erosion is bound to take place which may cause formation of Gullies and Ravines leading to further destruction of adjoining Forest as well as wild-life habitat. The possibility of land slide also cannot be ruled out.

4.1.3. **Water availability**

(a) **Loss of Moisture:-** Due to mining activity there will be large scale evaporation from the exposed soil and moisture retention capacity of the soil along the periphery of the mine pits will reduce. The sub-soil water will also be reduced which may lead to destruction of some more vegetation due to desiccation. The process of dewatering and releasing huge quantities of water in to the natural drainage system may reduce the Sub-soil water as well as the ground water recharge in the area resulting in water scarcity.

(b) **Water accumulation:-** In the lease area digging of large pits will accumulate huge quantities of water and will lure the Wild animals and ultimately may trap them in the pits which will be fatal for them.



4.1.4. Water pollution

The water source available within the mining area is likely to be muddy due to generation of large amount of dust and broken up soil and mineral particles. It is also likely to be contaminated due to excessive plying and cleaning of heavy vehicles and machineries. Use of Slurry pumps for de-watering purpose and releasing the said water along with Slurry in the natural drainage system will contaminate the natural streams and pose health hazards for the human population as well as animals.

4.1.5. Dust hazards

The mining process includes Blasting, Drilling, movement of heavy vehicles and machineries etc. These activities will produce large amount of dust. There will also be some Ore Crushing Units which will generate dust along with some mineral powder. The process of internal transportation, unloading, reloading etc. may spread large amount of dust. Such dust mixed with mineral powder is likely to cause air pollution. This will create respiratory problems in wild animals. Large amount of Dust will also settle on

problems for both human population as well as animal population including wild animals.

4.1.9. **Fall of animals**

The mine pits are dug with very steep slopes and 6 metres bench height with slope of 70^0 the overall slope being 45^0. Usually no physical barrier is provided around the mine pits. Any accidental fall of the animals in those pits may be fatal for the animals.

4.1.10. **Poaching**

The poachers may also drive the animals and lead them in to the mining pits using the same as animal traps.

4.2.0. ***Threats in the Zone of Influence.***

Due to the mining operation there will be some disturbance in the surrounding area, particularly in the Zone of Influence.

4.2.1. **Destruction of wildlife habitat.**

Due to mining activity over the lease area, the biotic pressure which was exerted over the lease area will be shifted to the surrounding areas. Collection of fuel wood, small timber and other NTFP by the local people will also be shifted to the surrounding area which will create additional pressure on the surrounding area. Grazing pressure of the local Cattle will also be shifted to these Forests. Therefore the wildlife habitat in these Forest areas is likely to be disturbed.

4.2.2. **Water pollution**

Large quantities of water produced in the process of mining which are highly polluted will be released in to the natural drainage

system, there by contaminating natural water sources. The slurry generated in the mining process will also be pumped out in to the natural drainage system making the natural water source unfit for consumption by animals as well as human beings. Besides large amount of Garbage will be generated in the mining area and will contaminate the water. The contaminated water will create health problems within the Zone of Influence as well as beyond.

4.2.3. Dust problems

The mining process such as drilling, blasting etc, Ore Crushing/dressing and transportation will spread large quantities of dust in the surrounding area. The dust generated in the process will settle on the fodder plants and grasses and the dust intake by the animals will create various digestive problems and infections. There will be heavy air pollution in and around the lease area creating various air related problems for the animals.

4.2.4. Man animal conflict.

Due to reduction of habitat, additional biotic interference will be exerted in the Zone of Influence which will create disturbance. There will also be shortage of food. The animals are therefore likely to invade cultivated lands and human habitation in search of food and water which will result in man-animal conflict. The elephants are usually attracted to the paddy fields and sugarcane areas. These animals sometimes become the target of peoples anger and succumb to vindictive attitude of the people.

4.2.5. Accidental killing of animals

Due to plying of large number of vehicles the animals will be

scared and in the process some animals may be killed accidentally by vehicles.

4.2.6. Forest Fire

Forest fire is a common phenomena in almost all forests areas irrespective of mining activity. But due to mining activity such as movement of large number of vehicles, people etc. the incidence of accidental fire is likely to increase. Increased Biotic pressure in the Zone of Influence will also increase the incidence of fire hazard. Different threats are posed to wild-life due to Forest fire can be: (1) The wildlife habitat is destroyed along with important flora and fauna. The small animals including reptiles are usually killed in the forest fire. Sometimes the large animals are also trapped in the fire. (2) The Wildlife habitat is destroyed and the animals enter human habitation in search of food, water and shelter creating Man-Wild animal conflict.

CHAPTER –V

WILDLIFE MANAGEMENT PLAN



5.0.0. Although there are no Wild animals within the lease area, their occasional movement in the area cannot be ruled out. Due to grant of lease and operation of various mining activities the Wild life movement within the lease area will be threatened. Besides the Wild-life habitat is reduced to the extent of lease. The Wildlife Management Plan therefore aims at improving the habitat in the surrounding areas. Certain measures are also required to be taken within the mining area.

5.0.1. The proposed measures can be taken within the mining area by the lessee and beyond the lease area by the Government (Forest Department) with the financial support provided by the lessee.

5.0.2. **Management Plan**

Basing on the perceived threats to wildlife as per the foregoing chapter, the Management Plan is prepared to address almost all such threats. The lease hold area as well as the Zone of Influence will be treated for habitat improvement so that, more fodder and water will be available for the wild animals.

The life of the mine has been estimated to be 9 years. But this plan is proposed for a period of 5 years on the presumption that,

5.1.4. Control of Dust

Dust hazards affect more to the human beings and the workers engaged in the mining activity, besides creating problems for the wild animals. Therefore dust control is a major activity in the mining process. Dust pollution cannot be completely eliminated, but attempt is made to reduce the quantum of dust hazard.

The Haul Roads in the mining area are regularly sprinkled with water so that, dust is minimised due to movement of vehicles.



The Ore at the time of loading, transportation and unloading in and around the mining area will also be sprinkled with water to reduce Dust generation. The major steps taken to control dust are:

- Wet drilling practice will be followed.
- Spreading of dust is minimised by use of suitable explosive such as ANFO.
- Main haul roads are metalled.

to be taken for Garbage management are as follows.

(a) Entry of non-biodegradable materials which are likely to produce Garbage such as Polythene bags, Aluminium foils, Tin foils etc. are restricted in to the Mining area.

(b) The Garbage generated in the Mining area are regularly collected and segregated in-to Bio-degradable and non-degradable materials.

(c) The non-degradable materials if any are sent for recycling.

(d) The Bio-degradable substances are put in the Compost pits of size 10' x 10' x 6' for conversion in-to manure. The Manure obtained from these pits will be utilised for plantation purpose.

Two persons will be engaged on regular basis for collection, segregation of Garbage and putting the same at proper place. The expenditure on this account is proposed to be (2x4000x12x5=Rs.4,80,000/-, + Compost pits Rs.50000/-) = Rs.5.30lakhs.

5.1.9. **Fall of animals in the mining pits.**

In order to prevent accidental fall of animals in the mine pits the following steps shall be taken.

(a) Two persons will be exclusively engaged in the mining area during night who will keep a watch on straying wild animals and drive them away to safe distance. The total expenditure for the animal watcher during the proposed 5 years period will be (2x4000x12x5=) Rs.4,80,000/-.

(b) Solar electric fencing will be provided at strategic locations where possibility of entry of wild animals in to the mining area is there particularly towards the forest area. It is proposed to provide Solar Electric

fence over 6Kms., at a cost of Rs.6.00lakhs.

(c) The mining area will be sufficiently illuminated so that the wild animals will avoid the area.

(d) In-spite of the precautions taken, in case of accidental fall of any wild animal in the mining pit, the workers will be educated to inform the local Forest authorities and act as per their advise.

5.1.10. **Prevention of poaching**

The mining area is well guarded and sufficiently illuminated. Hence no poaching can be possible within this area.

5.1.11. **Creation of awareness**

The lessee will also create awareness around the lease area regarding protection of wild life and its habitat through distribution of leaflets, organising Essay Competition, Debate Competition in the Schools etc. For this purpose the lessee will incur expenditure of Re.5.00lakh.

5.2.0. **Measures to be taken within the Zone of Influence.**

Due to diversion of Forest area of 294.530Ha for mining purpose the wild-life habitat to this extent will be reduced. The congregation of wild animals in the Zone of Influence is likely to increase. These animals will therefore be susceptible to greater threats. There will also be additional Biotic pressure on the Zone of Influence. The Management Plan therefore aims at reducing such threats. These activities beyond the Mining lease area and beyond the control of the Lessee will be undertaken by the Forest Department.

5.2.1. **Habitat Improvement**

It is proposed to improve the wild life habitat within the Zone of Influence with the following activities.

(a). ANR Gap Plantation :- Improvement of cover for the wildlife by planting of suitable species in degraded forest areas. It is proposed to take up Silvicultural operation along with plantation in gaps over 300 ha. within 5 years period at a cost of Rs. 60.00 lakhs

(b). Silvi-pasture development:- The natural blanks in the forest areas are to be developed as grass lands along with planning of suitable fodder species for elephants such as Banyan, Kumbhi etc. It is proposed to create 15 Ha Silvipasture plantation during the initial two years period at a cost of Rs.7.50 lakh.

(c). Soil and moisture conservation:- Check dams of random rubble stones are to be provided to prevent soil erosion and to conserve moisture. It is proposed to provide Rs.20.00 lakhs for the activity.

(d). Creation of Water body :-In order to contain the wild animals in a safe habitat, it is proposed to make provision for availability of water during summer season. It is proposed to create one water body at a strategic location at a cost of Rs.5.00 lakhs.

5.2.2. **Control of Water pollution.**

Release of untreated water to the natural drainage system will create health hazards for the animals as well as human beings . All the water including slurry generated in the mining process will be treated. Attempt will be made to utilize the total quantity of water generated in the mine itself for suppression of dust and irrigation of the plantation. Only some surplus treated water will be released to the natural drainage system. This aspect has been dealt in the Mining plan and hence no separate provision is made in this Plan.

5.2.3. Reducing Man-animal conflict.

As far as practicable Man-Animal conflict is to be kept at minimum level. Certain steps are required to be taken to reduce such conflict. The following measures are proposed to be taken within the Zone of Influence to minimise the conflict.

- Awareness: In the lease area as well as the areas within the Zone of Influence the man-animal conflict is found to be minimum. Most important man-animal conflict is Man-Elephant conflict. Such conflict will be reduced by creating awareness in the forest fringe villages about the behaviour of the animals and the procedure to tackle the emergency. The local people can be educated regarding the wild-animal habits and how to tackle the emergency situations. It is proposed to engage two motivators for a period of five years. The cost on this account will be (5x5000/-x2x12months=) Rs.6.00 lakhs. This amount is proposed to be borne by the lessee.

- Change of cropping habit: It is also necessary to change over the cropping habit in Forest fringe villages from the paddy crop to oil seeds which will not attract the wild animals. The motivation part will be taken care of by the above mentioned motivators and the lessee will provide Rs.5.00lakhs for supplying improved oil seed as alternate crop to paddy.

- Anti-poaching cum Anti-depredation squad: In order to assist the regular Forest staff for protection of Wild life, it is proposed to constitute Anti-poaching-cum-Anti-depredation Squad consisting of five Ex-army personnel,

along with Forest Department staff. This squad will be utilised in regular protection duty as well as attend to the depredation activities of wild animals. For this purpose the expenditure will be Rs.5000/- x 5nos x 12 x 5years = Rs.15.00lakhs. Besides an additional Rs.5.00 lakhs will be provided for other logistics such as fuel, Camping etc.

- Provision of Barracks: It is necessary to create permanent camps for the Anti-poaching Squads. It is proposed to construct a Barrack at a strategic location for this purpose. The lessee proposes to contribute Rs.6.00lakh for the Barracks. The barrack will be constructed by the lessee at designated location as per the Plan approved by the DFO, under the supervision of the DFO and handed over to the Forest Department after completion.

- Peripheral Development: It is necessary to take up certain developmental activities in the surrounding villages to get pro-active support from the local population for mining operation as well as Wildlife conservation As per the prevailing system the lessee will pay 5% of its net profit for peripheral development which is to be implemented under the Chairmanship of the Collector. Hence no special provision is made for this.

5.2.4. Forest Fire prevention

Forest fire is the greatest threat, not only to the wild life but also to the forest itself. Repeated forest fire destroys the ground vegetation and the humus. The wild animals do not get adequate food and cover due to such repeated forest fire.

The Wildlife Management Plan therefore lays maximum emphasis on prevention of forest fire. The following measures are therefore proposed to be taken to prevent forest fire:

(a) **Engagement of Fire watchers.**

Fire watcher shall be engaged in the area from the month of March to June every year for a period of 5 years. The lessee proposes to bear the cost of 5(three) fire watchers during the summer months every year. The total cost on this account will be (5x4000x4x5=)Rs.4.00lakhs. These Fire watchers will also be equipped with certain tools to attend to emergencies. The lessee therefore proposes to contribute Rs.1.00 lakh for such fire fighting equipments.

(b) **Provision of incentive to fringe villages.**

Awareness will be created among the forest fringe villages to prevent forest fire. The village which can successfully prevent forest fire in the specified patch of the forest near their village will be rewarded with incentive. It is proposed to reward such villages with Rs.10,000/- annually. The lessee proposes to bear the cost of incentive for 10 such villages within the ZoI and the amount will be deposited with the D.F.O. The cost will therefore be Rs5.00lakhs.

(c) **Fire lines**

Fire lines is an effective means to prevent spreading of Forest fire. The lessee proposes to share the cost of 10 kms. of fire line @4,000/- per kms. annually during the proposed period of five years with a total cost of Rs2.00lakh.

5.2.5. Solar Electric Fencing

At important places solar electric fencing can be taken up to prevent the animals from entering in to human habitation. This can be done at the discretion of the Forest Department. The Lessee proposes to for installation of 5kms of Solar Electric fencing and will contribute Rs.5.00 lakhs for this purpose.

5.2.6. Provision of Corpus fund

Usually any damage to human life and property by wild-animals are compensated through Compassionate Grants released by Govt. But at times delayed payment of compassionate amount leads to revengeful attitude of local people. It is therefore proposed to create a revolving fund for quick payment of compassionate grants. Some amount will be kept with the DFO in shape of interest bearing Bank deposit and the required amount can be withdrawn by the DFO at the time of need and replenish the same when funds are released by Government. The lessee proposes to contribute Rs.10.00 lakhs for this purpose.

5.2.7. Collection of Intelligence.

In-order to properly address the problem of Wild Animal Poaching , it is necessary to keep track of the local Poachers and to collect information regarding their movement. For this it is proposed to create a network of informers and decoys who will secretly keep a watch the movement of the poachers and intimate the Forest authorities. It is therefore necessary to reward the Informers and Decoys. The reward can be paid to the Informer or Decoy either on regular wage basis or lump sum basis at the discretion of the Forest Department. The VSS or

Eco-Development Committees can also be involved with an assured reward system. The lessee proposes to deposit Rs.10.00 lakhs in interest bearing Bank Deposit Account in favour of the DFO and the annual interest can be drawn by the DFO and utilized for this purpose.

5.2.8. **Provision of equipments.**

Certain equipments such as Computers, GPS, four wheeler, Motor-cycles etc, as per the requirement and specification of the Implementing DFO/ Forest Department, will be supplied by the lessee . It is proposed to provide Rs.25.00 lakh for this purpose.

5.2.9. **Discretion of Forest Department**

Although the above proposals are submitted for the mitigation of various threats to Wild-life and its habitat, the Forest Department is free to make alteration of the proposal or to divert the proposed activities to any other suitable locations.

CHAPTER –VI

FINANCIAL FORECAST

6.0.0. Basing on the Wildlife Management Plan as per the foregoing Chapter the estimate has been prepared. The estimate has been divided into two categories:

1. For the activities within the mining area to be taken up by the lessee.
2. For the activities within the Zone of Influence i.e. within 10 kms. Radius of the mining activity – to be taken up by the Forest Department .

6.1.1. The cost estimate for different categories have been worked out separately. The estimates are given below:

6.1.2. **Activities within Mining area**

Sl. No.	Particulars	Estimated cost (In lakhs)	Total
1.	Garbage Management - Wages Compost Pits	4.80 0.50	5.30
2.	Wild animal watchers Rs.4,000/- X 2 X 12 months X 5 years	4.80	4.80
3.	Solar Electric Fencing	6.00	6.00
4	Creation of awareness	5.00	5.00
5	General provision for equipments, such as GPS, Computers, Vehicle, Motor Cycles etc. as per specification of the DFO.	25.00	25.00
6	Unforseen	0.90	0.90
	TOTAL	**47.00**	**47.00**

These activities will be taken up by the lessee. The expenditure on other activities such as Dust control, lighting, general watch and ward etc. are not included in this estimate.

6.1.3. **Activities within the Zone of Influence.**

Sl. No.	Particulars	Estimated cost (In lakhs)
1.	ANR gap Plantation over 300 ha. @20,000/- per ha.	60.00
2.	Grass land Development-5ha.	7.50
3.	Soil and moisture conservation- Check-dams	20.00
4.	Creation of Water Body	5.00
5	Engagement of Motivators 2nos.	6.00
6	Change of cropping habit	5.00
7	Anti Poaching Squad	20.00
8.	Barracks for Anti poaching Squad	6.00
9.	Fire watchers- 3 Nos. 4000 x 3 x4 months x 5 years	4.00
10	Fire fighting Equipments	1.00
11	Incentive for Fire prevention	5.00
12	Fire line tracing	2.00
	Solar Electric Fencing	5.00
13	Corpus fund	10.00
14	Intelligence Collection	10.00
	TOTAL	166.50

6.1.4. The total estimate of this plan is therefore (Rs.47.00 lakhs +166.50 lakhs) =Rs.213.50 lakhs.

Out of this amount the lessee will take up the activities for Rs.53.00 lakhs (which includes the provision of Rs.25.00lakh for equipments, vehicles and other logistics, Rs.6.00lakh for construction of anti-poaching squad Barracks) and the balance amount of Rs.113.50 lakhs will be deposited with the D.F.O/ Forest Department for taking up different activities within the Zone of Influence. However the **Forest Department is free to utilize the entire amount or a part of it for other suitable areas depending on actual need.**

REFERENCES

- Working Plan of Keonjhar Forest Division.
- Orissa Forest Status Report 2003-04.
- India State of Forest Report - 2009.
- Wildlife Wealth of Orissa – Wildlife Wing, Forest Department.
- Mining Plan of Khandabandh Iron Ore Mines.
- EMP report of Khandabandh Iron Ore Mones.

OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS (WILDLIFE) &
CHIEF WILDLIFE WARDEN, ODISHA
Department of Forest and Environment, Government of Odisha

No. 7704 /1WL-FC-Mine-SSP-127/2018
Dated, Bhubaneswar the 09 July, 2019

To

The Managing Director,
Odisha Mining Corporation Ltd.,
OMC House, Bhubaneswar – 751001

Sub: ***Diversion of 345.189 ha forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd. In Keonjhar district, Odisha***

Sir,

A site specific wildlife conservation plan was earlier approved and communicated to you in this office memo No.6003 dt 06.09.2011 in compliance to the specific condition No.(xxix) stipulated by Govt. of India, MoEF vide their letter No.J-11015/1081/2007-IA II(M) dt 15.12.2008 while according environmental clearance to Khandabandh Iron Ore mines involving total mine lease area of 366.311 ha of M/s OMC Ltd. in Keonjhar district.

While communicating the stage-I approval granted by Govt. of India, MoEF&CC for diversion of 345.189 ha forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, the State Govt. in F&E Deptt. have put an additional condition for modification of the approved cost of the plan (approved during the year 2011) as per the existing wage rate.

In view of above, the cost of the site specific wildlife conservation plan approved for Khandbandh Iron Ore Mines is revised basing on the current wage rate.

	Implementation of Activities	Approved Cost	Revised Cost
a.	For activities to be implemented by the user agency in project area	₹46.00 lakh	₹93.44 lakh
b.	For activities to be implemented in project impact area in Keonjhar Division	₹170.00 lakh	₹370.60 lakh
	TOTAL:	₹216.00 lakh	**₹464.04 lakh**

2. Various activities in the lease hold area will be executed by the Project proponent under the guidance of the Divisional Forest Officer, Keonjhar division, as the case may be. A sum of ₹370.60 lakh only may be deposited in the CAMPA fund meant for the purpose for implementation of various activities within the project impact area by the Forest Department as envisaged in the plan.

3. The User Agency is advised to note the following conditions for future compliance.

- This Plan may be revisited after 5 years and the User Agency will give undertaking to contribute towards the revised cost of the conservation plan till the project period, if any.
- The project proponent has to prepare and submit the Conservation Plan for the next 10 years at least one year before the expiry of the present Conservation Plan and deposit the outlay amount upon its approval. In case of delay, it will be dealt as per law for violations of Forest Conservation Act, 1980 and Environment (Protection) Act, 1986.

P.T.O.

- The project proponent has to give an undertaking to bear the differential cost in case of enhancement of wage rate at the time of implementation of this plan.

Yours faithfully

Encl: Copy of revised financial cost of approved site specific WL Conservation Plan

Principal Chief Conservator of Forests (WL)
& Chief Wildlife Warden, Odisha

Memo No. 5705 /date 09/07/19

Copy alongwith a copy of the enclosure as above forwarded to the Divisional Forest Officer, Keonjhar Division for information and necessary action with reference to memo No.1014 dt 29.04.2019.

Principal Chief Conservator of Forests (WL)
& Chief Wildlife Warden, Odisha

Memo No. 5706 /date 09/07/19

Copy alongwith a copy of the enclosure as above forwarded to the Regional Chief Conservator of Forests, Rourkela Circle for information and necessary action with reference to his memo No.1012 dt 29.04.2019.

Principal Chief Conservator of Forests (WL)
& Chief Wildlife Warden, Odisha

Memo No. 5707 /date 09/07/19

Copy alongwith a copy of the enclosure as above forwarded to the Principal Chief Conservator of Forests, Odisha for information and necessary action with reference to this office memo No.6000 dt 06.09.2011.

Principal Chief Conservator of Forests (WL)
& Chief Wildlife Warden, Odisha

Memo No. 5708 /date

Copy forwarded to the Special Secretary to Government of Odisha, F & E Department, Bhubaneswar for favour of information and necessary action with reference to that Deptt. memo No.10F(Con)108/2018/2822/F&E dt 08.02.2019.

Principal Chief Conservator of Forests (WL)
& Chief Wildlife Warden, Odisha

SITE SPECIFIC WILDLIFE MANAGEMENT PLAN FOR KHANDBANDH IRON ORE MINE OF M/S ODISHA MINING CORPORATION LTD. IN THE DISTRICT OF KEONJHAR

CHAPTER-VII

REVISED FINANCIAL FORECAST @ CURRENT WAGE RATE OF RS. 280/MANDAY

6.0.0 Basing on the wildlife Management plan as per the foregoing Chapater the estimate has been prepared. The estimate has been divided into two categories:

1.0 For the activities within the mining area to be taken up by the lessee.

2.0 For the activities within the Zone of Influence i.e. within 10 Kms radius of the mining activity- to be taken up by the Forest Department.

6.1.1 The cost estimate for different categories have been worked out separately. The estimates are given below:

Activity within Mining area.

Sl. No.	Description of works.	Amount approved by CWLW, Odisha. (in lakhs)
1.	Wild animal watchers Rs. 11503/- including services charges, EPF, EIS, GST for 2 person for 10 yrs.(11503 x 2 x 12 x 10) Cost norm circulated vide memo No.10555 dtd.17.11.18 of PCCF WL & CWLW, Odisha, Bhubaneswar.	27.6072
2.	Solar Electric fencing 2Kms.@Rs. 3,37,700/- Per Km	06.754
3.	Creation of awareness	06.000
4.	General provision of equipments, such as GPS, Computers, Vehicle, Motor Cycles etc. as per specification of the DFO	24.000
5.	Fire protection measures Rs.11503/- including services charges, EPF, EIS, GST for 2 person 5month in a year for 10 yrs.(11503 x 2 x 5 x 10)	11.503
6.	Unforeseen	2.00
	Total	77.8642
	20% Escalation cost	15.57284
	Grand Total	93.43704

Countersigned

Regional Chief Conservator of Forests
Rourkela Circle, Rourkela

27/3/19
Divisional Forest Officer
Keonjhar Division

Activity within the zone of Influence.

Sl. No.	Description of works	Amount approved by CWLW, Odisha (in lakhs)
1.	ANR gap Plantation 200 plant / ha over 300 ha. (@ 37,000/- per ha X 300ha). Cost norm circulated vide O.O. No. 1335 dtd. 18.12.2018 of PCCF, Odisha	111.000
2.	Grass land Development-5 ha.	9.00
3.	Soil and moisture conservation-Check-dams 1(one) number	24.00
4.	Creation of Water Body 1(one) number	5.600
5.	Engagement of Motivators Rs.11503/- per month per person including services charges, EPF, EIS, GST for 2 person for 10 yrs.(11503 x 2 x 12 x 10) Cost norm circulated vide memo No.10555 dtd.17.11.18 of PCCF WL & CWLW, Odisha. Bhubaneswar.	27.6072
6.	Anti Poaching Squad- Rs.11503/- per month per person including services charges, EPF, EIS, GST for 4 person for 10 yrs.(11503 x 4 x 12 x 10). Cost norm circulated vide memo No.10555 dtd.17.11.18 of PCCF WL & CWLW, Odisha, Bhubaneswar.	55.2144
7.	Barracks for Anti poaching Squad @ Rs.20.00 lakh per barrack. Cost norm of CAMPA approved plan 2017-18	20.00
8.	Fire watchers-3 Nos.11503 per month per person x 3person x 4 months x 10 years	13.8036
9.	Fire fighting Equipments	3.000
10.	Incentive for Fire prevention to forest fringe villagers	7.000
11.	Fire line tracing	3.360
12.	Corpus Fund	10.000
13.	Intelligence Collection	03.000
14.	Creation & Maintenance of salt licks 5 Nos @ Rs. 25000/- per salt licks	01.250
15.	Cattle immunization 2000 Nos. for 10-years	05.000
16.	Monitoring & Evaluation	05.000
17.	Unforeseen expenditure	05.000
	Total	308.8352
	20% Escalation cost	60.2776 61.7670
	Grand Total	369.1128 370.6022

6.1.3 The total estimate of this plan is therefore (Rs. 93.43704 Lakhs + Rs 369.1128 Lakhs) = Rs 462.54984 Lakhs or say Rs 462.55 lakhs 464.03924 464.04 Lakh.

(~~Rupees four crore sixty tow lakh fifty five thousand~~) only.

(Rupees four crore sixty-four Lakh four thousand) only

Countersigned

Regional Chief Conservator of Forests
Rourkela Circle, Rourkela

Approved

Principal Chief Conservator of Forests
(Wildlife) & Chief Wildlife Warden
Odisha, Bhubaneswar

27/3/19

Divisional Forest Officer
Keonjhar Division

OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS (WILDLIFE) &
CHIEF WILDLIFE WARDEN, ODISHA
Department of Forest and Environment, Government of Odisha

No. 7428 /7WL-FD & WLC-106/2020
Dated, Bhubaneswar the 5th Sept, 2020

To

The Managing Director,
Odisha Mining Corporation Ltd.,
OMC House, Bhubaneswar – 751001

Sub: ***Diversion of 345.189 ha of forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, Odisha***

Sir,

A site specific wildlife conservation plan was earlier approved at a cost of ₹216.00 lakh and communicated to you in this office memo No.6003 dt 06.09.2011 in compliance to the specific condition No.(xxix) stipulated by Govt. of India, MoEF vide their letter No.J-11015/1081/2007-IA.II(M) dt 15.12.2008 while according environmental clearance to Khandabandh Iron Ore mines involving total mine lease area of 366.311 ha of M/s OMC Ltd. in Keonjhar district.

The cost of the site specific wildlife conservation plan was later revised to ₹464.04 lakh (in this office letter No.5704 dt 09.07.2019) basing on the wage rate of ₹280/- per man day in compliance to the instructions contained in F&E Department letter No.2821/F&E dated 08.02.2019. The financial cost of the plan was again revised to ₹502.53 lakh in this office letter No.532 dt 17.01.2020 owing to the upward revision of minimum wage rate to ₹298/- per man day with effect from 01.10.2019. In the meanwhile, the wage rate has further been revised to ₹303.40 per man day with effect from 01.04.2020 as per the Notification issued vide letter No.4864/LC dt 22.07.2020 of the Labour Commissioner, Odisha. Basing on this revised wage rate of ₹303.40 per man day, the Regional Chief Conservator of Forests, Rourkela Circle in his memo No.2287 dt 21.08.2020 has submitted a proposal for revision of the cost of the plan.

In view of above, the cost of the site specific wildlife conservation plan approved for Khandbandh Iron Ore Mines is revised again as follows.

Implementation of Activities	Approved Cost (in this office memo No.6000 dt 06.09.2011)	Revised Cost (approved in this office letter No.5704 dt 09.07.2019)	Revised Cost (approved in this office letter No.532 dt 17.01.2020)	Cost now revised to
a. For activities to be implemented by the user agency in project area	₹46.00 lakh	₹93.44 lakh	₹96.45 lakh	₹98.10 lakh
b. For activities to be implemented in project impact area in Keonjhar Division	₹170.00 lakh	₹370.60 lakh	₹406.08 lakh	₹410.76 lakh
TOTAL:	₹216.00 lakh	₹464.04 lakh	₹502.53 lakh	**₹508.86 lakh**

P.T.O.

2. Various activities in the lease hold area will be executed by the Project proponent under the guidance of the Divisional Forest Officer, Keonjhar division, as the case may be. A sum of ₹410.76 lakh only may be deposited in the State CAMPA fund meant for the purpose for implementation of various activities within the project impact area by the Forest Department as envisaged in the plan.

3. The User Agency may be advised to note the following conditions for future compliance.
   - This Plan may be revisited after 5 years and the User Agency will give undertaking to contribute towards the revised cost of the conservation plan till the project period, if any.
   - The project proponent has to prepare and submit the Conservation Plan for the next 10 years at least one year before the expiry of the present Conservation Plan and deposit the outlay amount upon its approval. In case of delay, it will be dealt as per law for violations of Forest Conservation Act, 1980 and Environment (Protection) Act, 1986.
   - The project proponent has to give an undertaking to bear the differential cost in case of enhancement of wage rate at the time of implementation of this plan.

Yours faithfully

Encl: Copy of revised financial cost of approved site specific WL Conservation Plan

Principal Chief Conservator of Forests (WL)
& Chief Wildlife Warden, Odisha

Memo No. 7429 /date 15.09.2020
Copy forwarded for information and necessary action to the -

1. Divisional Forest Officer, Keonjhar Division alongwith a copy of the approved financial statement with reference to memo No.2289 dt 21.08.2020 of RCCF, Rourkela Circle.

2. Regional Chief Conservator of Forests, Rourkela Circle alongwith a copy of the approved financial statement with reference to his memo No.2287 dt 21.08.2020

3. Principal Chief Conservator of Forests (Forest Diversion & Nodal Officer, FC Act), O/o the PCCF & HoFF, Odisha with reference to memo No.2288 dt 21.08.2020 of RCCF, Rourkela Circle

4. Special Secretary to Government of Odisha, F & E Department, Bhubaneswar with reference to that Department memo No.10F(Con)108/2018/2822/F&E dt 08.02.2019 and this office memo No.5708 dt 09.07.2019 & memo No.533 dt 17.01.2020.

Principal Chief Conservator of Forests (WL)
& Chief Wildlife Warden, Odisha

SITE SPECIFIC WILDLIFE MANAGEMENT PLAN FOR KHANDBANDH IRON ORE MINE OF M/S ODISHA MINING CORPORATION LTD. IN THE DISTRICT OF KEONJHAR
CHAPTER-VII

REVISED FINANCIAL FORECAST @ CURRENT WAGE RATE OF RS. 303.40/MANDAY

6.0.0 Basing on the wildlife Management plan as per the foregoing Chapter the estimate has been prepared. The estimate has been divided into two categories:

1.0 For the activities within the mining area to be taken up by the lessee.

2.0 For the activities within the Zone of Influence i.e. within 10 Kms radius of the mining activity – to be taken up by the Forest Department.

6.1.1 The cost estimate for different categories have been worked out separately. The estimates are given below:

Activity within Mining area:

Sl. No.	Description of Works.	Amount approved by CWLW, Odisha. (in lakhs)
1	Wild animal watchers Rs. 12456/- including services charges, EPF, EIS, GST for 2 person for 10 yrs. (12456 x 2 x 12 x 10) Cost norm circulated vide memo. No. 10555 dtd. 17.11.18 of PCCF WL & CWLW, Odisha, Bhubaneswar and subsequent revision of minimum wage rate @ Rs. 303.40 per manday.	29.8944
2	Solar Electric fencing 2 Kms. @ Rs. 3,42,500/- Per Km (Rs 55,000/- cost of energizer)	7.400
3	Creation of awareness	06.000
4	General provision of equipments, such as GPS, Computers, Vehicle, Motor Cycles etc. as per specification of the DFO	24.000
5	Fire protection measures Rs. 12456/- including services charges, EPF, EIS, GST for 2 person 5 month in a year for 10 yrs. (12456 x 2 x 5 x 10)	12.456
6	Unforeseen	2.00
	Total	**81.7504**
	20% Escalation cost	16.35008
	Grand Total	**98.10048**

Countersigned

Regional Chief Conservator of Forests
Rourkela Circle, Rourkela

Divisional Forest Officer
Keonjhar Forest Division

Approved

Principal Chief Conservator of Forests
(Wildlife) & Chief Wildlife Warden
Odisha, Bhubaneswar

ctivity within the zone of Influence.

Sl. No.	Description of Works.	Amount approved by CWLW, Odisha. (in lakhs)
1	ANR gap Plantation 200 plants/ ha over 300 ha. (@45485.38/- per ha x 300 ha). Cost norm circulated vide O.O. No. 1335 dtd. 18.12.2018 of PCCF, Odishaand subsequent revision of minimum wage rate @ Rs. 298.00 per manday.	136.45614
2	Grass land Development- 5 ha.	9.00
3	Soil and moisture conservation-Check-dams 1 (one) number	24.00
4	Creation of Water Body 1(one) number	5.600
5	Engagement of Motivators Rs. 12456/- per month per person including services charges. EPF, EIS, GST for 2 person for 10 yrs. (12456 x 2 x 12 x 10) Cost norm circulated vide memo. No. 10555 dtd. 17.11.18 of PCCF WL & CWLW, Odishaand subsequent revision of minimum wage rate @ Rs. 303.40 per manday.	29.8944
6	Anti Poaching Squad- Rs. 12456/- per month per person including services charges, EPF, EIS, GST for 4 person for 10 yrs. (12456 x 4 x 12 x 10). Cost norm circulated vide memo No. 10555 dtd. 17.11.18 of PCCF WL & CWLW, Odisha, Bhubaneswar and subsequent revision of minimum wage rate @ Rs. 303.40 per manday.	59.7888
7	Barracks for Anti poaching Squad @ Rs. 20.00 lakh per barrack. Cost norm of CAMPA approved plan 2017-18	20
8	Fire watchers-3 Nos. 12456 per month per person x 3 person x 4 months x 10 years	14.9472
9	Fire fighting Equipments	3.000
10	Incentive for Fire prevention to forest fringe villagers	7.000
11	Fire line tracing	3.360
12	Corpus Fund	10.000
13	Intelligence Collection	03.000
14	Creation & Maintenance of salt licks 5 Nos. @ Rs. 25000/- per salt licks	01.250
15	Cattle immunization 2000 Nos. for 10 years	05.000
16	Monitoring & Evaluation	05.000
17	Unforeseen expenditure	05.000
	Total	**342.29654**
		68.45931
	20% Escalation cost	**410.75585**
	Grand Total	

Divisional Forest Officer
Keonjhar Forest Division

Countersigned

Regional Chief Conservator of Forests
Rourkela Circle, Rourkela

Principal Chief Conservator of Forests
(Wildlife) & Chief Wildlife Warden
Odisha, Bhubaneswar

COST NORM FOR AIDED NATURAL REGENERATION (ANR) @ 200 PLANTS PER HECTARE

Wage rate Rs. 303.40/Day.

Sl. No.	Item of Work	Preferable period of Execution	Labour in Mandays	Lobour Cost (Rs)	Material Cost (Rs)	Total Cost in (Rs)
	0TH YEAR					
1	Survey, Demarcation and Pillar Posting, GPS Reading with mapping	Nov/Dec	2	606.80	0	606.80
2	Site Preparation	Nov/Dec	2	606.80	0	606.80
3	Silvicultural Operation including clearance of weed, climber cutting, high stump cutting, singling of shoots etc.	Jan/Feb	5	1517.00	0	1517.00
4	Nursery cost (6 months old seedling)part @ Rs.12.43/- seedling (Rs.8.67 in 0th year + Rs.3.76 in 1st year) for 220 seedlings (200+20)	Jan-March	5.5	1668.70	367	2035.70
5	Contingency and Unforeseen Expenditures		0	0	133	133
	SUB TOTAL		**14.5**	**4399.30**	**500**	**4899.30**
6	Monitoring & Supervision charge 5% of the total cost					**244.97**
	GRAND TOTAL		**14.5**	**4399.30**	**500**	**5144.27**
	1ST YEAR OPERATION					
1	Nursery cost (6 months old seedling) balance @ Rs.3.76 for 220 seedlings	Apr-June	2.5	758.50	128	886.50
2	Pitting 30 cm cube size	Feb/Mar	6	1820.40	0	1820.40
3	Carriage and planting including casualty replacement	Jul/Aug	5	1517.00	0	1517.00
4	Complete weeding, Soil working, Manuring	Aug/Sep	6	1820.40	0	1820.40
5	Cost of Vermi compost @200 gms/plant @ Rs.20/- per kg = Rs.800.00 and Granular Insecticide 5 gms/plant @ Rs.80/- per kg. =Rs.80.00	Aug/Sep	0	0	880	880
6	Cost of Chemical fertiliser (a) Urea 70 gms/plant in two subsequent doses @ Rs.6/- per kg =Rs.84.00 (b) NPK 50 gms/plant @ Rs.24/- per kg=Rs.240.00 as basal dose	Jul/Aug	0	0	324	324
7	Silvicultural Operation	Sep/Oct	15	4551.00	0	4551.00

	involving clearance of weeds, cutting of climbers, singling of shoots etc.					
8	Soil Conservation Measures (Staggered trenches of dimension 2 m X 0.5 m X 0.5 m @ 60 nos per ha) or its equivalent	Sep/Oct	20	6068.00	0	6068.00
9	Fireline Tracing and Inspection Path	Feb/Mar	3	910.20	0	910.20
10	Watch & ward	Aug-Mar	7	2123.80	0	2123.80
11	Contingency and Unforeseen Expenditures		0	0	304	304
	SUB TOTAL		**64.5**	**19569.30**	**1636**	**21205.30**
12	Monitoring & Supervision charge 5% of the total cost					1060.27
	GRAND TOTAL		**64.5**	**19569.30**	**1636**	**22265.57**
	2ND YEAR OPERATION					
1	Casualty Replacement including cost of seedling, carriage and planting	Jul/Aug	1	303.40	248.60	552.00
2	Complete weeding and cultural operations	Sep/Oct	2	606.80	0	606.80
3	Soil working and manuring	Sep/Oct	2	606.80	0	606.80
4	Cost of Fertiliserand insecticide (a) Vermicompost 200gms/plant @ Rs.20/- per kg=Rs.800.00 (b) Granular Insecticides 5 gms/plant for 20 plants 100 gms @ Rs.80/- per kg=Rs.8.00	Sep/Oct	0	0	808	808
5	Soil Conservation Measures (Renovation of staggered trenches etc.)	Sep/Oct	8	2427.20	0	2427.20
6	Fireline Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
7	Watch & ward (whole year)	Apr-Mar	7	2123.80	0	2123.80
8	Contingency and Unforeseen Expenditures		0	0	181	181
	SUB TOTAL		**21**	**6371.40**	**1238**	**7609.40**
9	Monitoring & Supervision charge 5% of the total cost					380.47
	GRAND TOTAL		**21**	**6371.40**	**1238**	**7989.87**
	3RD YEAR OPERATION					
1	Complete weeding and cultural operations	Aug/Sep	1	303.40	0	303.40
2	Soil working	Aug/Sep	1	303.40	0	303.40
3	Fireline Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
4	Watch & ward (whole year)	Apr-Mar	7	2123.80	0	2123.80

5	Contingency		0	0	200	200.00
	SUB TOTAL		10	3034.00	200	3234.00
6	Monitoring & Supervision charge 5% of the total cost					161.70
	GRAND TOTAL		10	3034.00	200	3395.70
	4TH YEAR OPERATION					
1	Fireline Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operations	Apr-Mar	2	606.80	0	606.80
	SUB TOTAL		3	910.20	0	910.20
3	Monitoring & Supervision charge 5% of the total cost					45.51
	GRAND TOTAL		3	910.20	0	955.71
	5TH YEAR OPERATION					
1	Fireline Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operations	Apr-Mar	2	606.80	0	606.80
	SUB TOTAL		3	910.20	0	910.20
3	Monitoring & Supervision charge 5% of the total cost					45.51
	GRAND TOTAL		3	910.20	0	955.71
	6TH YEAR OPERATION					
1	Fireline Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operations	Apr-Mar	2	606.80	0	606.80
	SUB TOTAL		3	910.20	0	910.20
3	Monitoring & Supervision charge 5% of the total cost					45.51
	GRAND TOTAL		3	910.20	0	955.71
	7TH YEAR OPERATION					
1	Fireline Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operations	Apr-Mar	2	606.80	0	606.80
	SUB TOTAL		3	910.20	0	910.20
3	Monitoring & Supervision charge 5% of the total cost					45.51
	GRAND TOTAL		3	910.20	0	955.71
	8TH YEAR OPERATION					
1	Fireline Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operations	Apr-Mar	2	606.80	0	606.80
	SUB TOTAL		3	910.20	0	910.20

3	Monitoring & Supervision charge 5% of the total cost					45.51
	GRAND TOTAL		3	910.20	0	955.71
	9TH YEAR OPERATION					
1	Fireline Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operations	Apr-Mar	2	606.80	0	606.80
	SUB TOTAL		3	910.20	0	910.20
3	Monitoring & Supervision charge 5% of the total cost					45.51
	GRAND TOTAL		3	910.20	0	955.71
	10TH YEAR OPERATION					
1	Fireline Tracing and Inspection Path	Feb/Mar	1	303.40	0	303.40
2	Watch & ward and cultural operations	Apr-Mar	2	606.80	0	606.80
	SUB TOTAL		3	910.20	0	910.20
3	Monitoring & Supervision charge 5% of the total cost					45.51
	GRAND TOTAL		3	910.20	0	955.71

ABSTRACT

SL. No.	Item of Work	No. Person Day	Labour cost @ Rs 303.40/- per day	Material cost (Rs)	Monitoring & Supervision charge 5% of the total cost	Total cost in (Rs)
1	0th Year operation	14.5	4399.30	500	244.97	5144.27
2	1st Year operation	64.5	19569.30	1636	1060.27	22265.57
3	2nd Year operation	21	6371.40	1238	380.47	7989.87
4	3rd Year operation	10	3034.00	200	161.70	3395.70
5	4th Year operation	3	910.20	0	45.51	955.71
6	5th Year operation	3	910.20	0	45.51	955.71
7	6th Year operation	3	910.20	0	45.51	955.71
8	7th Year operation	3	910.20	0	45.51	955.71
9	8th Year operation	3	910.20	0	45.51	955.71
10	9th Year operation	3	910.20	0	45.51	955.71
11	10th Year operation	3	910.20	0	45.51	955.71
TOTAL		131	39745.4	3574	2165.98	45485.38

ANNEXURE-VI

OFFICE OF THE REGIONAL CHIEF CONSERVATOR OF FORESTS, ROURKELA CIRCLE, AT/P.O. PANPOSH, ROURKELA-769 004.

Memo No. 1478/3F-119/2021 Date: 11-06-2021

To

The Divisional Forest Officer,
Keonjhar Division.

Sub: Proposal for diversion of 345.189 ha. of forest land including 6.919 ha. safety zone within the total mining lease area over 366.311 ha. of Khandbandh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, Odisha.

X-Sub: Submission of revised schemes at the current wage rate of Rs.311.00 per man day.

Ref: Your Memo No.3316 Dtd.01.06.2021.

The revised financial outlays of the following schemes prepared in compliance with the conditions stipulated in the Stage-I approval accorded in respect of the above diversion proposal at the current wage rate of Rs.311.00/- per man day and submitted vide your Memo under reference are hereby technically approved for the amount as indicated against each.

Sl. No.	Name of the scheme for which revised financial outlay has been submitted by the DFO, Keonjhar	Technical approval by the RCCF, Rourkela Circle.
01	The scheme for Appropriate mitigative measures to minimize soil and choking of streams within Khandbandh Iron Ore Mines prepared in compliance with Condition No. 2(vii)(a) with a total financial outlay of Rs.44,16,000/-	Technically approved for Rs. 44,16,000/- (Rupees forty-four lakh sixteen thousand) only
02	The for planting of adequate hardy plant species and sowing of seeds in the appropriate area within the mining lease area to arrest soil erosion prepared in compliance with Condition No. (vii)(b) without budgetary provision.	Technically approved vide this office Memo No.1681 dtd.12.07.2019.
03	The scheme for construction of check dams, retention / toe walls to arrest sliding down of the excavated material along the contour prepared in compliance with Condition No. (vii)(c) with a total financial outlay of Rs.62,73,900/-	Technically approved for Rs.62,73,900 (Rupees sixty-two lakh seventy-three thousand nine hundred) only
04	The Scheme to stabilize overburden dump by grading/benching so as to ensure the angles of repose at any given place is less than 28^0 prepared in compliance with Condition No. 2(vii)(d) with a total financial outlay of Rs.2,06,12,300/-	Technically approved for Rs. 2,06,12,300/- (Rupees two crore six lakh twelve thousand three hundred) only
05	The scheme for Management of Top Soil within Khandabandh Iron Ore Mines prepared in compliance with Condition No. 2(vii)(e) with a total financial outlay of Rs.3,47,47,300/-	Technically approved for Rs.3,47,47,300/- (Rupees three crore forty-seven lakh forty-seven thousand three hundred) only

06	The Scheme for fencing, protection and regeneration of the safety zone within the mining lease boundary prepared in compliance with Condition No. 2(xii) with a total financial outlay of Rs.93,35,600/-	Technically approved for Rs.93,35,600/- (Rupees ninety-three lakh thirty-five thousand six hundred) only
07	The Scheme for afforestation over one & half time of safety zone area over 10.38 ha of degraded forest land identified in Baitarani East (A) PRF forest block of Champua prepared in compliance with Condition No. 2(xii) with a total financial outlay of Rs. 17,61,700/-	Technically approved for Rs.17,61,700/- (Rupees seventeen lakh sixty-one thousand seven hundred) only
08	The Scheme for gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests located in the area within 100 meters from outer perimeter of the mining lease prepared in compliance with Condition No. 2(xxiii) with a total financial outlay of Rs.34,02,100/-	Technically approved for Rs.34,02,100/- (Rupees thirty-four lakh two thousand one hundred) only
09	The scheme for de-silting of the village tanks and other water bodies located within 05 Km from Mining Lease Boundary so as to mitigate the impact of siltation of such tanks/water bodies prepared in compliance with Condition No. (xxv) with a total financial outlay of Rs.22,88,500/-.	Technically approved for Rs.22,88,500/- (Rupees twenty-two lakh eighty-eight thousand five hundred) only.

The technically approved revised financial outlays are returned herewith for taking necessary action at your end.

Encl:- As above.

Regional Chief Conservator of Forests,
Rourkela Circle

Memo No. Date:

Copy forwarded to the Chief Conservator of Forests(Forest Diversion & Nodal Officer, FC Act),O/o the Pr.CCF, Odisha for favour of kind information and necessary action with reference to Memo No.3317 dtd.01.06.2021 of the DFO, Keonjhar Division.

Regional Chief Conservator of Forests,
Rourkela Circle

SCHEME FOR

APPROPRIATE MITIGATIVE MEASURES TO MINIMIZE SOIL EROSION AND CHOKING OF STREAMS

AT

KHANDABANDHA IRON ORE MINES

UNDER KEONJHAR FOREST DIVISION

OF

M/S ODISHA MINING CORPORATION LTD.

(A GOVT.OF ODISHA UNDERTAKING)
OMC HOUSE, BHUBANESWAR-751001

(As per Additional condition No. (vii) (a) of the stage-I Forest Clearance granted by MoEF&CC, Govt.of India vide F.No.8-46/2018-FC dt31.01.2019)

(@ Rs. 311.00/- per manday)

APPROPRIATE MITIGATIVE MEASURES TO MINIMIZE SOIL EROSION AND CHOKING OF STREAMS

1. INTRODUCTION.

Stage-I approval for diversion of 345.189 ha forest land for non-forest purpose for Khandabandha Iron Ore mines has been accorded vide F.No. 8-46/2018-FC, Dt. 31.01.2019 of Ministry of Environment, Forests & Climate Change subject to fulfilment of certain conditions.

As per condition No.(vii) (a) of the Stage-I approval, the User Agency has totake up *"Mitigative measures to minimize soil erosion and choking of stream shall be implemented within a period of three years with effect from the issue of Stage-II clearance in accordance with the approved Plan in consultation with the State Forest Department"*.

In compliance with this condition, a comprehensive scheme is prepared for implementation of the same in 345.189 Ha.area of the said mining lease.

Earlier a scheme on appropriate mitigative measures to minimize soil erosion and choking of streams has been approved by RCCF, Rourkela @ Rs. 286.30 per man day and @ Rs. 298.00 per man day and @ Rs. 303.40 per man day. Labour Commissioner of Odisha vide letter no. 2816/LC dt. 25.05.2021 has revised the minimum wage rate to Rs. 311.00/- per man day. In this context the scheme has been revised @ Rs. 311.00/- per man day.

2. LOCATION OF THE ML AREA

Khandabandh Iron Ore Mines of M/s Odisha Mining Corporation (OMC) Limited, a State Government Undertaking, is a mining project for exploitation of iron ore. The mining lease (ML) area over 366.311 Hectares (ha) is confined within latitudes: 21^0 55' 40.27579'' – 21^0 57' 29.90060" (Between ML Boundary pillar No.1 & 16) North and Longitudes: 85^0 23'12.6688" – 85^0 24' 45.86016" (Between ML Boundary pillar No. 4 & 29) East located in the Survey of India Topo sheet bearing No. F 45 N 5 in 1:50,000 scale. The key plan showing Khandabandha ML area is enclosed as Plate No. I. It is located at a distance of 12 KM from Joda town to the South via. Bichakundi-Malda road. The other route via Joribahal on Joda-Bamebari-Palasponga road follows a distance of 13 km. The area exhibits an undulated topography with varying elevations from 530 m to 675 m above Mean Sea Level (MSL).

The mining and ancillary activities will convert this area prone to intensive soil erosion by creating reels and gullies on mined out pit benches, on the surface of O.B. dump, on the shoulder of haul roads, on the surface of the surface-soil deposit and on the bank of the natural streams. Such gullies eventually may widen and occupy large tract of the slope and cause heavy soil loss and flooding the valley bottom with heavy siltation. This results the virgin forest area prone to soil erosion. During rains, the exposed soil will not allow percolation of rainwater to charge the groundwater table. Consequently the seasonal streams will be dried up. Therefore, it is essential to treat the area with strategic soil and moisture conservation measures to mitigate the adverse impact of mining.

3. DRAINAGE

There is no perennial nala inside the lease area. Few seasonal nala flow from west to east during rainy season.Drainage of the lease area is towards eastern side which ultimately drain into DalkiNala and then into Baitarani river.

4. FACTORSRESPONSIBLE FOR SOIL EROSION AND CHOKING OF STREAMS

The mining activities, sub grade dumps and overburden dumps are the major factors impacting adversely to any drainage system in the mining areas. The forms of erosion observed in this region include mainly rill and gully erosion. The storm water runoffs from the hills, mine faces, sub grade dumps and OB dump slope areas carry substantial amounts of solids in the lower order streamlets and choke the higher order streams. These lower order streamlets and gullies have high erosion capacity due to steep gradient and transportation of rock fragments with high velocity of the stream and deposition of same in the connecting high order streams due to velocity drop. Streams can also erode by undercutting their banks resulting in mass-wasting processes like slumps or slides. When the undercut material falls into the stream, the fragments are transported and deposited in the stream bed. The other mode of sediment transportation is very nominal.

5. OBJECTIVE OF THE SCHEME:

The objectives of the proposed scheme are as follows:

1. To meet the requirement of condition No. xvii (a) of the Stage – I approval of GoI, MoEF&CC.

2. Prevention of erosion of loose materials from OB dump & erosion of top soil in non-working area which will be chance to chocking the natural streams as well as the effect in agriculture.
3. Prevention of obstruction of natural water sources.
4. Proper Management of overburden materials so as to prevent siltation in the streams
5. Prevention of overflow of eroded soils from the mining areas to the cultivable lands, natural streams and inhabitations.
6. Prevention of overflow of eroded soils from the mining areas to the cultivable lands, natural streams and inhabitations.

6.PROPOSED METHODOLOGY

To achieve the above objectives it has been proposed to take up both biological and structural works for soil and water conservation. The vegetative measures are to be adopted mostly in the upper reaches & around O.B dumping sites whereas the structural works are suggested in the lower reaches such as in the drain & critical points around O.B. dumps. As per the current practice, check dams are constructed across the contour seasonal streams arising from the up-slope areas to arrest the sediment load to prevent choking of streams followed by de-silting before monsoon.

The following activities are proposed to be taken up to mitigate soil erosion and choking of streams:

1. There is only one seasonal stream inside the M.L boundary. However, due to mining activities in future, there is chance of heavy run-off with silts and sediments during monsoon. To minimize the hazard as well as to reduce the flow velocity of water flown from overburden dump, mining pits, stock piles, haul roads as well as areas clear of vegetation, check dams are to be constructed at suitable location.
2. Periodic Sediment / silt removal / De-silting jobs will be undertaken in those proposed check dam points as well as from garland drains and subsequently plantation will be carried out on these de-silted materials.
3. Along with the above sedimentation control measures erosion from O.B. dump slope areas will be controlled by providing retaining wall, garland drain, loose boulders structures, settling tanks etc. The main purpose of the works is to control soil erosion from OB dump and minerals stock piles etc. and prevent chocking of natural stream flow.

7. MEASURES PROPOSED

A. Biological Measures

a) Plantation

Soil erosion and sediment control in areas covered with forests are minimum. As the area is covered with vegetation, there is no scope of taking up of plantation within ML area.

b) Grass Seeding

As the area will be back-filled for reclamation, there will be very small overburden dump. Due to want of suitable area, there is no scope for grass seeding.

B. Structural Measures

Vegetative means of erosion control are the most feasible and economic measures. But there is no scope for such work in the mine. Structural measures serve as supplementary to vegetative measures. The objective behind building mechanical structures is to reduce the degree and length of the slope, reducing run-off and consequently, reducing soil erosion.

a) **Construction of Loose Boulder Structure:** The User Agency has planned to construct 200 running metres of loose boulder structure across the proposed garland drain. 800 Running Metres of Loose Boulder Check Dams will be constructed across seasonal stream and eroded areas. These loose boulder structure will help in stabilization of silt & sediment as well as prevention of soil erosion & enrichment of vegetation & greenery development.

b) **Construction of Garland drain:** A shallow trench (2.0 m wide x 1 m deep) over 2000 rtm for draining surface water before it release to the vacant land or natural water course. 1500 running metres of garland drain will be constructed around Dump and along the haul road. The work has been included in a separate scheme prepared as per condition no. vii(c) stipulated in Stage-I approval. Hence extra fund is not required for the work.

c) **Terracing of OB Dump Slope:** It is proposed to construct berm & terraces over a length of 400 m and breadth of 120 m on the extended portion of O.B. dump during lease period. Considering the volume of OB materials & the area earmarked for dumping. The slope of individual terrace should be within the permissible range considering the angle of repose of the soil and space available, thereby maintaining the angle of repose to be around 28^0. The terracing will be done continuously through the internal resources by deploying the operating mining equipment alongwith progress of mine. Hence no separate fund for this work is provided.

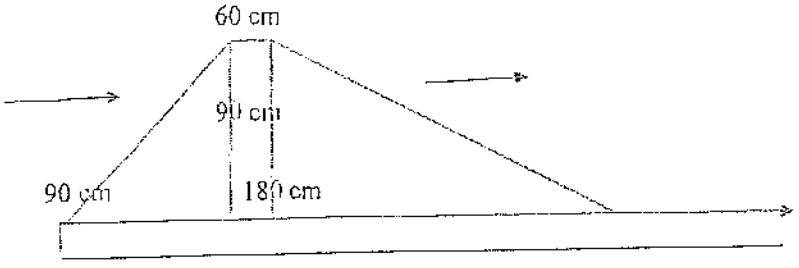
d) Retaining Walls/Toe Walls around OB Dumps: A retaining wall is a structure designed and constructed to resist the lateral pressure of soil when there is a designed change in ground elevation that exceeds the angle of repose of the soil.

The proposed Retaining walls will be constructed around dumpis1056 rmt. The work has been included in a separate scheme prepared as per condition no. (vii) (c) stipulated in Stage-I approval. Hence extra fund is not required for the work in this scheme.

8. Execution of work: Only Loose Boulder Check Dams will be constructed over a total length of 1000mtrs under this scheme.

- Series of check dams should be constructed on the gullies. Bottom level of Check Dam situated on higher slope and top level of the Check Dam located downstream should be same.
- Check Dam or any Soil Conservation Measure should start from the top where the erosion starts and move downwards.
- Check Dam should be constructed where the gully or nala is narrowest and the bank is strong. The tendency of constructing big check dams at wide and accessible points should be avoided.
- For construction of loose boulder check dams as big stones as possible to fit the design should be used and small stones may be used to fill interstices to make the structure stable.
- If possible the construction of loose boulder check dams should be done before plantation is taken up in the area to prevent damage of planted seedlings.

The following simple design should be followed for loose boulder check dams.



Foundation and apron should be 25 cm thick.

Height of check dam above the foundation should be 90 cm or height of the bank whichever is higher.

Uphill side width should be same as that of height of the dam.

Downhill side width should be twice that of height of the dam.

Uphill side apron should be 30 cm and downhill side apron should be 90 cm.

Spillway of 1 mtr long and 30 cm deep may be provide on top of check dam for flowing of excess water.

Volume of stone work will be Cross section of check dam is sq.mtr x length of check dam in mtr.

For example, as per the drawing shown above, the volume calculation for a 2.5 mtr long check dam will be: -

Cross section;

Foundation 4.5 mtr x 0.25 mtr = 1.125 sq.mtr

Super structure (3.3m x 0.6 m)/2 x 0.9m= 1.755 sq.mtr

1.755 sq. mtr + 1.125 sq.mtr = 2.88 sq.mtr

Volume = 2.88 sq.mtr x 2.5 mtr = 7.2 cu.m

Volume of stone for a 2.5 mtr long loose boulder check dam is 7.2 cu.m.

Volume of check dams of different lengths can be calculated accordingly.

Estimate of a standard loose boulder check dam is furnished at **Annexure-I.**

Top width of the check dam will be 60 cm

The bank should be dressed vertically and base area should be level. The earth should be kept for filling interstices of the check dam.

The length of check dam should be 50 cm longer than the width of the nala so that 25 cm on each side should be dovetailed into the bank.

Cross-section of the proposed dam should be marked on the vertical nala bank and the stones should be set properly.

9. INSPECTION, MONITORING AND EVALUATION For successful implementation of the above Mitigative measures, intensive inspection and technical guidance from concerned technical wing is required. Sufficient fuel/ conveyance charges for technical experts shall be provided by the user agency for proper execution of these programmes. Budgetary provision of 15% of the total project cost has been earmarked on this score.

10. EXECUTING AGENCY

The works in the present Scheme shall be executed by the User Agency having specialized departments headed by qualified persons with outsourced man and machinery. To facilitate this, the user agency shall establish its own executing and supervision cells along with required infrastructural facilities. In order to maintain the quality of work, in-house supervision through

comp[redacted] shall be provided. The entire work shall be carried out in coordination with the Fo[redacted] Department.

11. REQUIREMENT OF FUNDS

The total cost of the implementation of mitigative measures will be Rs. 44,16,000.00/-(Rupees forty four lakh sixteen thousand) only for implementation of the above mitigation measures, the above expenditure will be made over the next ten years period. Therefore, budget provision will be kept by the user agency for implementation of the above mitigation measures over a period of next ten years. This budget will be subject to increase in amount considering the increase in materials and labour charges. The tentative expenditure planned for the implementation of mitigative measures is given in the following table:-

FINANCIAL FORECAST

Sl. No.	Particulars of interventions	Quantity	Financial involvement (Rs)
1	Loose Boulder Check Dams @ Rs.3200.00 per running mtr	1000 running mtr	32,00,000.00
Inspection, monitoring and evaluation @15% of the total project cost			4,80,000.00
Total			36,80,000.00
Escalation cost 20%			7,36,000.00
Grand Total			44,16,000.00

(Rupees forty four lakh sixteen thousand) only

Technically Approved

Regional Chief Conservator of Forests
Rourkela Circle

Divisional Forest Officer
Keonjhar Forest Division

Annexure-I

Estimate for Loose Boulder Check Dam of length 2.5 mtr

Foundation and apron 25 cm thick.

Top width 60 cm

Height of check dam above the foundation is 90 cm.

Uphill side width 90 cm.

Downhill side width should be 180 cm.

Uphill side apron 30 cm and downhill side apron 90 cm.

Analysis of Rate

Particulars of work	No./ Quantity	Rate	Amount
Earth work in hard or gravelly soil within 50m. Initial lead and 1.5m. Initial lift including rough dressing of clods to maximum 5 cm. to 7 cm and laying in layers not exceeding 0.3 m. in depth (per 100 cum.)	43	311.00	13373.00
Mulia			267.46
2% sundries and T & P etc.	Total		13640.46
Rough stone dry packing in aprons and revetments with hard granite stones (15 to 30 cm size) per cum			
Granite broken stone 1 cum.	1	507.96	507.96
Mason (Special)	0.17	461.00	78.37
Stone packer	0.35	351.00	122.85
Mulia	1.04	311.00	323.44
2% sundries, T & P etc.			20.65
	Total		1053.27

Estimate for construction of Loose Boulder Check Dam

Length of Loose Boulder Check Dam 2.5 Mtr

Particulars of work	Volume	Rate in Rupees	Total amount in Rupees
Earth work in hard or gravelly soil within 50m. Initial lead and 1.5m. Initial lift including rough dressing of clods to maximum 5 cm. to 7 cm and laying in layers not exceeding 0.3 m. in depth Dressing the side of banks and foundation on L.S	L.S	200.00	200.00
Rough stone dry packing in aprons and revetments with hard granite stones (15 to 30 cm size) per cum Rough stone dry packing in aprons and revetments with hard granite stones (15 to 30 cm size) per cum			
Foundation 4.5 mtr x 0.25 mtr = 1.125 sq.m			
Super structure(3.3mx0.6m)/2x 0.9m=1.755 sq.m	7.2 cu.m	1053.27	7583.54

1.755 sq. mtr + 1.125 sq.mtr = 2.88 sq.mtr Volume = 2.88 sq.mtr x 2.5 mtr = 7.2 cu.m			
Total			7783.54

Cost per running metre of L.B.C.D of 90 cm height = Rs 7783.54/2.5= Rs. 3113.42 or say Rs.3200/-

ANNEXURE - VII

OFFICE OF THE REGIONAL CHIEF CONSERVATOR OF FORESTS, ROURKELA CIRCLE, AT/P.O. PANPOSH, ROURKELA-769 004.

Memo No. 1478/3F-119/2021 Date: 11-06-2021

To

The Divisional Forest Officer,
Keonjhar Division.

Sub: Proposal for diversion of 345.189 ha. of forest land including 6.919 ha. safety zone within the total mining lease area over 366.311 ha. of Khandbandh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, Odisha.

X-Sub: Submission of revised schemes at the current wage rate of Rs.311.00 per man day.

Ref: Your Memo No.3316 Dtd.01.06.2021.

The revised financial outlays of the following schemes prepared in compliance with the conditions stipulated in the Stage-I approval accorded in respect of the above diversion proposal at the current wage rate of Rs.311.00/- per man day and submitted vide your Memo under reference are hereby technically approved for the amount as indicated against each.

Sl. No.	Name of the scheme for which revised financial outlay has been submitted by the DFO, Keonjhar	Technical approval by the RCCF, Rourkela Circle.
01	The scheme for Appropriate mitigative measures to minimize soil and choking of streams within Khandbandh Iron Ore Mines prepared in compliance with Condition No. 2(vii)(a) with a total financial outlay of Rs.44,16,000/-	Technically approved for Rs. 44,16,000/- (Rupees forty-four lakh sixteen thousand) only
02	The for planting of adequate hardy plant species and sowing of seeds in the appropriate area within the mining lease area to arrest soil erosion prepared in compliance with Condition No. (vii)(b) without budgetary provision.	Technically approved vide this office Memo No.1681 dtd.12.07.2019.
03	The scheme for construction of check dams, retention / toe walls to arrest sliding down of the excavated material along the contour prepared in compliance with Condition No. (vii)(c) with a total financial outlay of Rs.62,73,900/-	Technically approved for Rs.62,73,900 (Rupees sixty-two lakh seventy-three thousand nine hundred) only
04	The Scheme to stabilize overburden dump by grading/benching so as to ensure the angles of repose at any given place is less than 28^0 prepared in compliance with Condition No. 2(vii)(d) with a total financial outlay of Rs.2,06,12,300/-	Technically approved for Rs. 2,06,12,300/- (Rupees two crore six lakh twelve thousand three hundred) only
05	The scheme for Management of Top Soil within Khandabandh Iron Ore Mines prepared in compliance with Condition No. 2(vii)(e) with a total financial outlay of Rs.3,47,47,300/-	Technically approved for Rs.3,47,47,300/- (Rupees three crore forty-seven lakh forty-seven thousand three hundred) only

06	The Scheme for fencing, protection and regeneration of the safety zone within the mining lease boundary prepared in compliance with Condition No. 2(xii) with a total financial outlay of Rs.93,35,600/-	Technically approved for Rs.93,35,600/- (Rupees ninety-three lakh thirty-five thousand six hundred) only
07	The Scheme for afforestation over one & half time of safety zone area over 10.38 ha of degraded forest land identified in Baitarani East (A) PRF forest block of Champua prepared in compliance with Condition No. 2(xii) with a total financial outlay of Rs. 17,61,700/-	Technically approved for Rs.17,61,700/- (Rupees seventeen lakh sixty-one thousand seven hundred) only
08	The Scheme for gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests located in the area within 100 meters from outer perimeter of the mining lease prepared in compliance with Condition No. 2(xxiii) with a total financial outlay of Rs.34,02,100/-	Technically approved for Rs.34,02,100/- (Rupees thirty-four lakh two thousand one hundred) only
09	The scheme for de-silting of the village tanks and other water bodies located within 05 Km from Mining Lease Boundary so as to mitigate the impact of siltation of such tanks/water bodies prepared in compliance with Condition No. (xxv) with a total financial outlay of Rs.22,88,500/-.	Technically approved for Rs.22,88,500/- (Rupees twenty-two lakh eighty-eight thousand five hundred) only.

The technically approved revised financial outlays are returned herewith for taking necessary action at your end.

Encl:- As above.

Regional Chief Conservator of Forests,
Rourkela Circle

Memo No. Date:

Copy forwarded to the Chief Conservator of Forests(Forest Diversion & Nodal Officer, FC Act),O/o the Pr.CCF, Odisha for favour of kind information and necessary action with reference to Memo No.3317 dtd.01.06.2021 of the DFO, Keonjhar Division.

Regional Chief Conservator of Forests,
Rourkela Circle

SCHEME FOR
PLANTING ADEQUATE DROUGHT HARDY PLANT SPECIES AND SOWING OF SEEDS IN THE APPROPRIATE AREA WITHIN THE MINING LEASE TO ARREST SOIL EROSION

AT

KHANDABANDH IRON ORE MINES
UNDER KEONJHAR FOREST DIVISION

OF

M/S ODISHA MINING CORPORATION LTD.
(A GOVT.OF ODISHA UNDERTAKING)
OMC HOUSE, BHUBANESWAR-751001

(As per condition No. (vii) B of the stage-I forest clearance granted by MoEF&CC, Govt.of India vide F.No.8-46/2018-FC dt 31.01.2019)

(@ Rs. 311.00/- per manday)

SCHEME FOR PLANTING ADEQUATE DROUGHT HARDY PLANT SPECIES AND SOWING OF SEEDS IN THE APPROPRIATE AREA WITHIN THE MINING LEASE TO ARREST SOIL EROSIONAT KHANDABANDH IRON OREMINES OF M/S ODISHA MINING CORPORATION LTD.

INTRODUCTION:

Government of India in the Ministry of Environment, Forests & Climate Change have approved Stage-I forest clearance vide F.No.8-46/2018-FC Dated 31st January 2019 for diversion of 345.189 ha. forest area in Khandabandha Iron Ore Mines of O.M.C Ltd. In this approval, MoEF&CC has stipulated some conditions to be fulfilled before Stage-II forest clearance is accorded. The condition no. (vii) B of the Stage-I forest clearance is read as under:

"Planting of adequate drought hardy plant species and sowing of seeds, in the appropriate area within the mining lease to arrest soil erosion in accordance with the approved scheme".

In order to comply the above condition, the current scheme is formulated for planting of adequate drought hardy plant species and sowing of seeds, in the appropriate area within the mining lease to arrest soil erosion in accordance with the approved schemewithin Khandabandha Iron Ore M.L area. Since there is no free space available in the Mining Lease area drought hardy plant species will be planted within the safety zone area of mining lease area. As the financial forecast for this scheme has already been considered in scheme prepared in compliance with the condition no.(xii).

1. LOCATION OF THE ML AREA

Khandabandh Iron Ore Mines of M/s Odisha Mining Corporation (OMC) Limited, a State Government Undertaking, is a mining project for exploitation of iron ore. The mining lease (ML) area over 366.311 Hectares (ha) is confined within latitudes: 21^0 55' 40.27579" – 21^0 57' 29.90060" (Between ML Boundary pillar No.1 & 16) North and Longitudes: 85^0 23'12.6688" – 85^0 24' 45.86016" (Between ML Boundary pillar No. 4 & 29) East located in the Survey of India Topo sheet bearing No. F 45 N 5 in 1:50,000 scale. The key plan showing Khandabandha ML area is enclosed as Plate No. I. It is located at a distance of 12 KM from Joda town to the South via. Bichakundi-Malda road. The other route via Joribahal on Joda-Bamebari-Palasponga road follows a distance of 13 km. The area exhibits an undulated topography with varying elevations from 530 m to 675 m above Mean Sea Level (MSL).

2. SOIL TYPE Soil type in the study area varies widely from hard rock to sandy loam. Areas at higher elevations are usually hard rock consisting of Banded Hematite Quartzite (BHQ) and Banded Hematite Jasper, The top soil in the area is scanty. Whatever top soil is available is rocky in nature.

The pH of the soil is normal ranging from 6.20 to 8.20. Low hills and hill slopes are extensively lateralized and consist of lateritic profile of 5 to 10m. The lateritic area is rich in Iron and very often gritty in nature. Bushy vegetation is observed on this soil type.

3. CLIMATE The area is characterized by extreme climate with very hot (43 °C) summer and very cold winter (4°C) winter. It experiences tropical and humid climate which shows three distinct seasons i.e. summer, rainy and winter. The summer is very hot and dry starting from March and continues till end of May or early June. The rainy season lasts from early June to end of September. October and November are the post monsoon months followed by a cold winter which lasts till end of February. The average annual rainfall as recorded at IMD, Keonjhar is around 1763 mm during 2006 to 2008. About 75% of it has been distributed during the South west monsoon i.e. June to September.

4. DRAINAGE

There is no perennial nala inside the lease area. A seasonal nala is flowing from west to east during rainy season. Drainage of the lease area is towards eastern side which ultimately drain into Baitarani river.

5. EXISTING VEGETATION

Majority area of mining lease is covered by open scrub. There is natural vegetation on the area with dry deciduous species like Sal, Kurum, Kangara, Asan, Dhaura, Kendu, Jamu, Mango etc. with canopy density 0.4. The buffer zone (10Km radius) includes part of Sidhamatha& Baitarani Reserve Forest area of Keonjhar Forest division.

6. MEASURES PROPOSED

Biological Measures

a) Plantation

Soil erosion and sediment control in areas covered with forests are minimum. As the area is covered with vegetation, there is no scope of taking up of plantation within ML area.

b) Grass Seeding

As the area will be back-filled for reclamation, there will be very small overburden dump. Due to want of suitable area, there is no scope for grass seeding.

7. INSPECTION, MONITORING AND EVALUATION For successful implementation of the above Mitigative measures, intensive inspection and technical guidance from concerned

technical wing is required. Sufficient fuel/ conveyance charges for technical experts shall be provided by the user agency for proper execution of these programmes.

8. TOTAL COST OF THE PROJECT: As the cost for plantation of drought hardy plant species has already been considered in the scheme prepared in compliance with the condition no. No.(xii) i.e. Scheme for fencing, protection and afforestation of the Safety Zone area, no separate financial forecast has been proposed.

Divisional Forest Officer
Keonjhar Forest Division

ANNEXURE-VIII

OFFICE OF THE REGIONAL CHIEF CONSERVATOR OF FORESTS, ROURKELA CIRCLE,
AT/P.O. PANPOSH, ROURKELA-769 004.

Memo No. 1478/3F-119/2021 Date: 11-06-2021

To

The Divisional Forest Officer,
Keonjhar Division.

Sub: Proposal for diversion of 345.189 ha. of forest land including 6.919 ha. safety zone within the total mining lease area over 366.311 ha. of Khandbandh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, Odisha.

X-Sub: Submission of revised schemes at the current wage rate of Rs.311.00 per man day.

Ref: Your Memo No.3316 Dtd.01.06.2021.

The revised financial outlays of the following schemes prepared in compliance with the conditions stipulated in the Stage-I approval accorded in respect of the above diversion proposal at the current wage rate of Rs.311.00/- per man day and submitted vide your Memo under reference are hereby technically approved for the amount as indicated against each.

Sl. No.	Name of the scheme for which revised financial outlay has been submitted by the DFO, Keonjhar	Technical approval by the RCCF, Rourkela Circle.
01	The scheme for Appropriate mitigative measures to minimize soil and choking of streams within Khandbandh Iron Ore Mines prepared in compliance with Condition No. 2(vii)(a) with a total financial outlay of Rs.44,16,000/-	Technically approved for Rs. 44,16,000/- (Rupees forty-four lakh sixteen thousand) only
02	The for planting of adequate hardy plant species and sowing of seeds in the appropriate area within the mining lease area to arrest soil erosion prepared in compliance with Condition No. (vii)(b) without budgetary provision.	Technically approved vide this office Memo No.1681 dtd.12.07.2019.
03	The scheme for construction of check dams, retention / toe walls to arrest sliding down of the excavated material along the contour prepared in compliance with Condition No. (vii)(c) with a total financial outlay of Rs.62,73,900/-	Technically approved for Rs.62,73,900 (Rupees sixty-two lakh seventy-three thousand nine hundred) only
04	The Scheme to stabilize overburden dump by grading/benching so as to ensure the angles of repose at any given place is less than 28^{0} prepared in compliance with Condition No. 2(vii)(d) with a total financial outlay of Rs.2,06,12,300/-	Technically approved for Rs. 2,06,12,300/- (Rupees two crore six lakh twelve thousand three hundred) only
05	The scheme for Management of Top Soil within Khandabandh Iron Ore Mines prepared in compliance with Condition No. 2(vii)(e) with a total financial outlay of Rs.3,47,47,300/-	Technically approved for Rs.3,47,47,300/- (Rupees three crore forty-seven lakh forty-seven thousand three hundred) only

06	The Scheme for fencing, protection and regeneration of the safety zone within the mining lease boundary prepared in compliance with Condition No. 2(xii) with a total financial outlay of Rs.93,35,600/-	Technically approved for Rs.93,35,600/- (Rupees ninety-three lakh thirty-five thousand six hundred) only
07	The Scheme for afforestation over one & half time of safety zone area over 10.38 ha of degraded forest land identified in Baitarani East (A) PRF forest block of Champua prepared in compliance with Condition No. 2(xii) with a total financial outlay of Rs. 17,61,700/-	Technically approved for Rs.17,61,700/- (Rupees seventeen lakh sixty-one thousand seven hundred) only
08	The Scheme for gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests located in the area within 100 meters from outer perimeter of the mining lease prepared in compliance with Condition No. 2(xxiii) with a total financial outlay of Rs.34,02,100/-	Technically approved for Rs.34,02,100/- (Rupees thirty-four lakh two thousand one hundred) only
09	The scheme for de-silting of the village tanks and other water bodies located within 05 Km from Mining Lease Boundary so as to mitigate the impact of siltation of such tanks/water bodies prepared in compliance with Condition No. (xxv) with a total financial outlay of Rs.22,88,500/-.	Technically approved for Rs.22,88,500/- (Rupees twenty-two lakh eighty-eight thousand five hundred) only.

The technically approved revised financial outlays are returned herewith for taking necessary action at your end.

Encl:- As above.

Regional Chief Conservator of Forests,
Rourkela Circle

Memo No. Date;

Copy forwarded to the Chief Conservator of Forests(Forest Diversion & Nodal Officer, FC Act),O/o the Pr.CCF, Odisha for favour of kind information and necessary action with reference to Memo No.3317 dtd.01.06.2021 of the DFO, Keonjhar Division.

Regional Chief Conservator of Forests,
Rourkela Circle

SCHEME FOR

CONSTRUCTION OF CHECK DAMS, RETENTION/TOE WALLS TO ARREST SLIDING DOWN OF THE EXCAVATED MATERIAL ALONG THE CONTOUR

AT

KHANDABANDHA IRON ORE MINES

UNDER KEONJHAR FOREST DIVISION

OF

M/S ODISHA MINING CORPORATION LTD.

(A GOVT.OF ODISHA UNDERTAKING)
OMC HOUSE, BHUBANESWAR-751001

(As per Additional condition No.(vii)(c)of the stage-I Forest Clearance granted by MoEF&CC, Govt.of India vide F.No.8-46/2018-FC dt31.01.2019)

(@ Rs. 311.00/- per Manday)

SCHEME FOR CONSTRUCTION OF CHECK DAMS, RETENTION/TOE WALLS TO ARREST SLIDING DOWN OF THE EXCAVATED MATERIAL ALONG THE CONTOUR

1. INTRODUCTION.

Stage-I approval for diversion of 345.189 ha.forest land for non-forest purpose for KhandbandhIron Ore mine has been accorded vide F.No. 8-46/2018-FC, Dt. 31.01.2019 of Ministry of Environment, Forests & Climate Change subject to fulfilment of certain conditions.

As per condition No.(vii) (c) of Stage-I clearance, a scheme has to be prepared and implemented for *"Construction of check dams, retention toe walls to arrest sliding down of the excavated material along the contour in accordance with the approved scheme";*

In compliance with this condition, a comprehensive scheme is prepared for implementation of the same in 345.189 Ha. area of the said mining lease.

Earlier a scheme for construction of check dams, retention/toe walls to arrest sliding down of the excavated material along the contour has been approved by RCCF, Rourkela @ Rs. 286.30 per man day. Labour Commissioner of Odisha letter no. 2816/LC dt. 25.05.2021 has revised the minimum wage rate to Rs. 311.00/- per man day. In this context the scheme has been revised @ Rs. 311.00/- per man day.

2. OBJECTIVE OF THE SCHEME:

1. To meet the requirement of condition No. (vii) (c) of the Stage –I approval granted by MoEFCC, Govt. of India.
2. To prevent erosion of sediment due to surface runoff.
3. To prevent obstruction to natural water source.
4. To prevent flow of eroded soil from the mining areas to the cultivable lands, natural streams and habitations.

3. PROPOSED METHODOLOGY:

(a) Propose to construct retaining wall and garland drain around the waste dumping site.

(b) Propose to develop the dump by terracing method. The height of all the terraces will vary from 10 to 12 m and width being 6 to 12 m.

(c) Provision of inwardly sloping, soil bund at the edge of each terraced channel at the toe end of terrace will be made following the rain water management.

(d) Propose to construct catch drain on the deep slope.

(e) Propose to develop garland drains with settling tanks at the toe of the dumps to allow the settling of silt.

The Salient features of the drainage management plan are as follows:

1. The overall drainage planning has been done in such a manner which follows the existing pre mining drainage routing to the extent possible, maintaining the overall slope in the direction of pre mining flow direction so that run off distribution is not affected.
2. Garland drains have been planned on the sides of quarries and external dumps (depending on contours).

   The garland drains shall be routed through catch pits and settling tanks to settle out suspended solids in the storm water. The purified water will be discharged to natural water source.
3. Grass and bushes in drains hold back solid particles during the flow of water in the drain. Small stone barriers constructed across the drain will check water flow and arrest solids.
4. Stone pitching will be made at suitable places to regulate the slope and hence water flow will not be obstructed.
5. Settling pits and drains shall be cleaned intermittently, especially during monsoon.
6. Outer side of the cross-check dams on the drainage lines shall be re-inforced with green cover of non-browsable species like *Jatropha curcas, Vitex negundo, Gliricidia maculate.*

2. MEASURES PROPOSED TO BE ADOPTED

Structural Measures

Vegetative means of erosion control are the most feasible and economic measures. However, as the pressure on land is increasing, need is felt to bring even higher Retaining Wall

(i) It has been proposed to construct 1056 mtr of crated boulder masonry around the proposed OB dump/sub-grade ore dump and excavated area The masonry will be constructed by using wire mesh and small size R.R. Stones. The height of the masonry structure will be 1mt, and the width 1m. The work will be executed with an estimated cost of **Rs.34, 28, 300.00 (Annexure-I).** This will prevent pollution of water flowing in the nala adjoining to the villages.

(ii) It has also been proposed to dig out 1070 meter long Garland drain inside the ML area to protect the excavated material being washed out and allowing storm water through the drain into water exit points. The water exit points will be kept according to the contours and direction of flow of the surface runoff at an interval of about 100 mt. The estimated cost of construction of garland drain including cost of surface cutting and blasting comes to **Rs 3,48,000.00 (Annexure-II).**

3. INSPECTION, MONITORING AND EVALUATION For successful implementation of the above Mitigative measures, intensive inspection and technical guidance from concerned technical wing is required. Sufficient fuel/ conveyance charges for technical experts shall be provided by the user agency for proper execution of these programmes. Budgetary provision of 15% of the total project cost has been earmarked on this score.

4. EXECUTING AGENCY

The works in the present Scheme shall be executed by the User Agency having specialized departments beaded by qualified persons with outsourced man and machinery. To facilitate this, the user agency shall establish its own executing and supervision cells along with required infrastructural facilities. In order to maintain the quality of work, in-house supervision through competent personnel shall be provided. The entire work shall be carried out in coordination with the Forest Department.

5. REQUIREMENT OF FUNDS

The total cost of the implementation of mitigative measures will be **Rs. 62,73,900.00 (Rupees sixty two lakh seventy three thousand nine hundred)** only for implementation of the above mitigation measures, the above expenditure will be made over the next ten years period.

Therefore, budget provision will be kept by the user agency for implementation of the above mitigation measures over a period of next ten years. This budget will be subject to increase in amount considering the increase in materials and labour charges. The tentative expenditure planned for the implementation of mitigative measures is given in the following table:-

FINANCIAL FORECAST

Sl. No.	Particulars of interventions	Financial involvement (Rs)
1	Development of crated boulder masonry wall over a length of 1056 mtr (Annexure-I)	34, 28,300.00
2	Excavation of garland drain over a length of 1070 mtr (Annexure-II).	3,48,000.00
3	Desiltation work of Garland drain, settling pond and check dam twice in a year (on lump sump)	5,50,000.00
4	Maintenance of retaining wall (on lump sump)	2,20,000.00
	Sub-Total:	45,46,300.00
	Inspection, monitoring and evaluation @15% of the total project cost	6,81,945.00
	Total	52.28,245.00
	Price escalation @20%	10,45,649.00
	Grand Total	62,73,894.00
		Or say 62,73,900.00

(Rupees sixty two lakh seventy three thousand nine hundred) only

EXECUTING AGNECY

The work shall be taken up by the User Agency as per condition no. (vii) (c) of the Stage-1 grant order.

Technically Approved

Regional Chief Conservator of Forests
Rourkela Circle

Divisional Forest Officer
Keonjhar Forest Division

Annexure-I

Development of crated boulder masonry near proposed OB dump

(Length of the wall = 1056mtr.)

1) E/W excavation by mechanical means.
Qty. 1056 m x 2m x 0.3 = 633.6 Cum

Taking Qty. 80% = 506.88Cum @ Rs. 54.70 = Rs. 27726.00

2) Blasting.
Taking 20% of Qty item (1) =126.72Cum @ Rs. 354.00 = Rs. 44859.00

3) Providing crate boulder.
Bottom layer: 1056m x 1.5m x1.00 = 1584Cum

Second layer: 1056m x 1.00m x 1.00m = 1056Cum

2640 Cum

@ Rs. 1271.10/Cum = Rs. 3355704.00

Rs. 3428289.00

Say **Rs. 34, 28,300.00**

Annexure-II

Excavation of Earthen drain (Garland drain) near proposed OB dump at Khandabandh.

1) E/W excavation by mechanical means.
1070m x 2.00 x 1.5 = 3210.00 Cum

Taking 80% of above = 2568.00 Cum @ Rs. 47.00/Cum = Rs. 120696.00

2) Blasting. 20% of Item (1) = 642 Cum @ Rs. 354.00/Cum = Rs. 227268.00

Rs. 347964.00

Say Rs. 3,48,000.00

ANNEXURE-IX

OFFICE OF THE REGIONAL CHIEF CONSERVATOR OF FORESTS, ROURKELA CIRCLE, AT/P.O. PANPOSH, ROURKELA-769 004.

Memo No. 1478/3F-119/2021 Date: 11-06-2021

To

The Divisional Forest Officer,
Keonjhar Division.

Sub: Proposal for diversion of 345.189 ha. of forest land including 6.919 ha. safety zone within the total mining lease area over 366.311 ha. of Khandbandh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, Odisha.

X-Sub: Submission of revised schemes at the current wage rate of Rs.311.00 per man day.

Ref: Your Memo No.3316 Dtd.01.06.2021.

The revised financial outlays of the following schemes prepared in compliance with the conditions stipulated in the Stage-I approval accorded in respect of the above diversion proposal at the current wage rate of Rs.311.00/- per man day and submitted vide your Memo under reference are hereby technically approved for the amount as indicated against each.

Sl. No.	Name of the scheme for which revised financial outlay has been submitted by the DFO, Keonjhar	Technical approval by the RCCF, Rourkela Circle.
01	The scheme for Appropriate mitigative measures to minimize soil and choking of streams within Khandbandh Iron Ore Mines prepared in compliance with Condition No. 2(vii)(a) with a total financial outlay of Rs.44,16,000/-	Technically approved for Rs. 44,16,000/- (Rupees forty-four lakh sixteen thousand) only
02	The for planting of adequate hardy plant species and sowing of seeds in the appropriate area within the mining lease area to arrest soil erosion prepared in compliance with Condition No. (vii)(b) without budgetary provision.	Technically approved vide this office Memo No.1681 dtd.12.07.2019.
03	The scheme for construction of check dams, retention / toe walls to arrest sliding down of the excavated material along the contour prepared in compliance with Condition No. (vii)(c) with a total financial outlay of Rs.62,73,900/-	Technically approved for Rs.62,73,900 (Rupees sixty-two lakh seventy-three thousand nine hundred) only
04	The Scheme to stabilize overburden dump by grading/benching so as to ensure the angles of repose at any given place is less than 28^0 prepared in compliance with Condition No. 2(vii)(d) with a total financial outlay of Rs.2,06,12,300/-	Technically approved for Rs. 2,06,12,300/- (Rupees two crore six lakh twelve thousand three hundred) only
05	The scheme for Management of Top Soil within Khandabandh Iron Ore Mines prepared in compliance with Condition No. 2(vii)(e) with a total financial outlay of Rs.3,47,47,300/-	Technically approved for Rs.3,47,47,300/- (Rupees three crore forty-seven lakh forty-seven thousand three hundred) only

06	The Scheme for fencing, protection and regeneration of the safety zone within the mining lease boundary prepared in compliance with Condition No. 2(xii) with a total financial outlay of Rs.93,35,600/-	Technically approved for Rs.93,35,600/- (Rupees ninety-three lakh thirty-five thousand six hundred) only
07	The Scheme for afforestation over one & half time of safety zone area over 10.38 ha of degraded forest land identified in Baitarani East (A) PRF forest block of Champua prepared in compliance with Condition No. 2(xii) with a total financial outlay of Rs. 17,61,700/-	Technically approved for Rs.17,61,700/- (Rupees seventeen lakh sixty-one thousand seven hundred) only
08	The Scheme for gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests located in the area within 100 meters from outer perimeter of the mining lease prepared in compliance with Condition No. 2(xxiii) with a total financial outlay of Rs.34,02,100/-	Technically approved for Rs.34,02,100/- (Rupees thirty-four lakh two thousand one hundred) only
09	The scheme for de-silting of the village tanks and other water bodies located within 05 Km from Mining Lease Boundary so as to mitigate the impact of siltation of such tanks/water bodies prepared in compliance with Condition No. (xxv) with a total financial outlay of Rs.22,88,500/-.	Technically approved for Rs.22,88,500/- (Rupees twenty-two lakh eighty-eight thousand five hundred) only.

The technically approved revised financial outlays are returned herewith for taking necessary action at your end.

Encl:- As above.

Regional Chief Conservator of Forests,
Rourkela Circle

Memo No. Date:

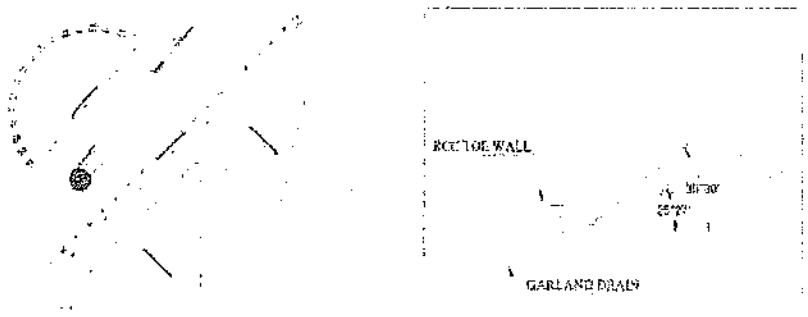
Copy forwarded to the Chief Conservator of Forests(Forest Diversion & Nodal Officer, FC Act),O/o the Pr.CCF, Odisha for favour of kind information and necessary action with reference to Memo No.3317 dtd.01.06.2021 of the DFO, Keonjhar Division.

Regional Chief Conservator of Forests,
Rourkela Circle

SCHEME TO STABILIZE OVERBURDEN DUMP BY GRADING & BENCHING IN KHANDBANDH IRON ORE MINESOF M/S OMC LTD, AGAINST DIVERSION OF 345.189 HECTARE OF FOREST LAND

IN

KEONJHAR FOREST DIVISION.



Compliance to:

Condition no.(vii) (D) of in-principle Approval of MoEF&CC, Govt.of India vide letter no F.No.8-46/2018-FC Dated 31st January 2019

(@ Rs. 311.00/- per manday)

SCHEME TO
STABILIZE OVERBURDEN DUMP BY APPROPRIATE GRADING & BENCHING.

[As per Condition no.(vii) (D) of in-principle Approval of MoEF&CC, Govt.of India vide letter no F.No.8-46/2018-FC Dated 31st January 2019]

1.0 Introduction

Stage-I approval for diversion of 345.189 ha. forest land for non-forest purpose for KhandbandhIron Ore mines has been accorded vide F.No.8-46/2018-FC Dated 31stJanuary 2019of Ministry of Environment, Forests & Climate Change subject to fulfillment of certain conditions.

As per condition No. (vii) (D) of the Stage-I approval, the User Agency shall take up steps to "Stabilize the overburden dumps by appropriate grading/benching so as to ensure that the angles of repose at any given place is less than 28°".

In compliance with this condition, a comprehensive scheme is prepared for implementation of the same in 345.189ha. area of the said mining lease.

Earlier a scheme to stabilize overburden dump by appropriate grading & benching has been approved by RCCF, Rourkela @ Rs. 286.30 per man day and @ Rs. 298.00 per man day and @ Rs. 303.40 per man day. Labour Commissioner of Odisha letter no. 2816/LC dt. 25.05.2021 has revised the minimum wage rate to Rs. 311.00/- per man day. In this context the scheme has been revised @ Rs. 311.00/- per man day.

2.0 Present Scenario:

The Mining activities will be being carried out in accordance with the approved modified mining plan prepared by MECON Limited, Ranchi and approved by Regional Controller of Mines, Indian Bureau of Mines, Bhubaneswar.

Proved mineral reserve of the mine is 21.032 million tonnes.

Approximate sub-grade ore production 7.98%. However sub-grade ore will be stored temporarily.

Since the mine will be worked by progressively closing mined out area and reclamation by backfilling, requirement of space for dumping of overburden will be very less. About 3 ha. area will be used for dumping overburden.

3.0 Salient points of waste management

- For the management of dump it is suggested to have terrace at every 20m height from the floor at same contour.
- Ultimate height 80m

- Inward slope is to be provided so that rain water will move towards dump side. It will prevent of rain water flow from terrace to lower contour through the walls of the dump and forming gullies / rain cuts and rolling down of waste materials.
- Towards the inner side of terrace, half concrete open pipe are installed to collect rainwater and not allowing penetrating to inside the dump.
- Crated Boulder Retaining wall of 2m height (0.5m below ground + 1.5m above the ground) X 1.0m wide will be constructed around the dump.
- It aims to check any rolldown waste from the dump.
- At regular intervals clear openings are provided at the bottom to allow water to pass out and join the Garland drains.
- Constructed guard wall is of loose boulders.
- Garland drains around the dump will be constructed.
- At the end of the garland drain settling tanks of 15mx10mx1m deep is constructed to allow settling of carried materials.
- Slope of each terrace to be maintained $<28^0$.
- Over all slope shall be $<28^0$.

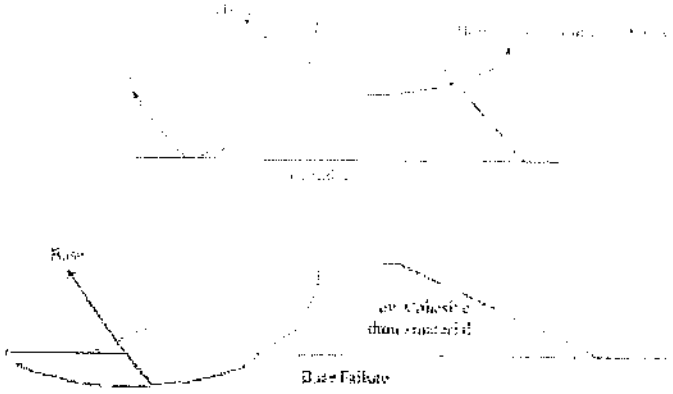
Anticipated fallout.

A. Failure of Dumps:

Three types of Dump Failure may occur in the present type of dump. These are

- Slope Failure.
- Toe failure
- Base failure.

(These are shown in the diagram)



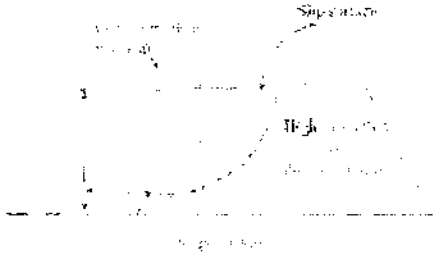


Figure 1 Dump failure line of slip.

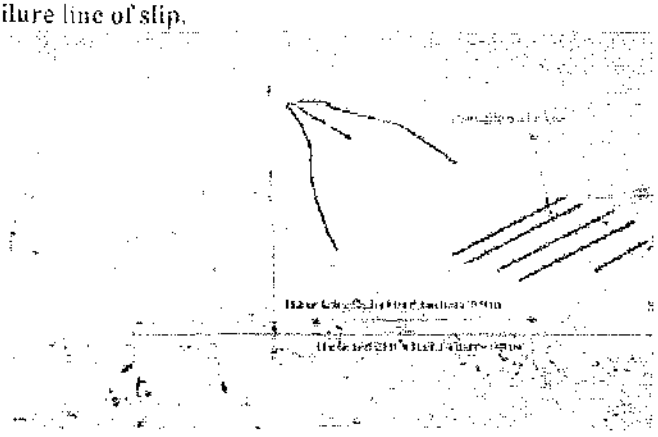


Figure 4 DUMP FAILURE SITUATION.

Reasons for failure

i. Ground water and surface water flow condition plays a critical role on the stability of dump slope. Frictional strength is reduced as the height of dump is raised, due to presence of water.The pore water pressure reduces the normal stress acting on material. The cohesive strength of weak geo-material will be further reduced due to presence of pore water pressure. Waste dump placed in a loose state, shear failure is often followed by static static liquefaction which is complete loss of strength. The flow of water may enhance rhe seepage force, leading to formation and migration of tension crack.

ii. Erosion also plays an important role in affecting the stability by surface weathering, ground water or surface water seepage, toe erosion and slope modification, ground water or surface runoff. Erosion changes the waste dump slope geometry and morphological character. The weathering and attrition of material at the toe of a potential slide reduce the restraining force that may destabilize the slope Erosion of void filling materials, or zone of percolation can efficiently decrease cohesion among grain boundaries.The cohesion strength notable reduce the rock mass shear strength. The decrease in shear strength may allow movement of dump slope along weak plane.

In addition localized erosion may also result in increase permeability and ground water flow along the slope. This may lead to failure due to formation of gully and deep flow channels in dump.

iii. Other affecting parameters are

- Gradient of the Seam,
- Ground Water Regime
- Nature of Over burden Rock
- Presence of clay and Soil layers and their properties.
- Angle of Repose of the broken Over burden rock
- Cohesion of the Over burden Rock materials
- Height of OB Dump in one stretch
- Ultimate Height and Slope of Waste Dump
- Dump Stability Parameters Strip/Cut Width and Depth.

B Dust pollution due to wind / whorl wind.

The average wind speed as noticed in post monsoon is 2.25m/s with a maximum speed of 6.13m/s. In winter the average speed is 1.31m/s with a maximum speed of 5.61m/s. This wind speed has a capacity to pick up heavy dust from dry surface of dump, ore stack & sub grade stack.

C Loss of life & property.

Failure of dump may cause loss of life & property. May put occupational hazards to workman.

Summary of prescription on Benching & Grading:

- Bench height: 20m,
- Bench Width: 20m
- Number of Benches: 4
- Over all slope: $<28^0$.
- Slope of each terrace: $<28^0$.

4.0 Stabilization of Over Burden Dump:

After the declaration of dead of the Over Burden dump, the same shall be covered by means of plantation.

4.1 **By grass seeding:**Grass seeding over 19.489 ha of Over Burden dump will be carried out before planting tall trees to stabilize Over Burden dump.

4.2 **By Planting Tall trees:**Plantation over 19.489 ha will be carried out after the dump is declare dead. The details of plantation is given as under:

4.2.1**Planting & post-planting operations:** Block Plantation over 19.489 ha will be carried out @ 1600 plants/Ha. All planting &post planting measures like casualty replacement, soil working,

manuring, fire protection etc. will be undertaken as given in Cost norm for Block plantation with 1600 seedlings furnished as **Annexure-IV.**

While taking up plantation, the following vital points shall be taken up for consideration.

- Care to be taken to raise healthy seedlings of minimum 60 cm height. 10% extra seedlings are to be raised for replacement of casualty.
- Pitting shall invariably be done during November-February i.e., before onset of monsoon. If possible the soil of upper portion and lower portion of pit should be placed separately in specific direction so that while planting the pits will be filled with top-soil first.
- Planting shall be done on the onset of monsoon to get full benefit of monsoon rain and should not be delayed.
- Basal dose of 50 grams of NPK and 5 grams of Chlorpyriphos dust per plant should be applied at the time of planting carefully by mixing with top-soil so that the roots of seedlings do not come in direct contact with fertiliser.
- In case of any mortality of planted seedlings, it should be replaced with good seedlings as soon as possible for better success rate.
- Complete weeding in proper time will be done. Strip weeding will not be permitted.
- Soil-working and application of 2nd dose fertilizer of 50 gms NPK/plant should be done in time

Since the area is provided with barbed wire fence, watch & ward will be easier. Watchers may be engaged in weeding in problematic areas alongwith watch & ward.

4.2.2Spacing: The spacing adopted for the plantation in gaps is 2.5 mtr X 2.5 mtr. Alignment and pit marking should be done carefully in slopes so that the horizontal distance between plants in a row remains 2.5 mtrs and not the distance measured along the slope.

4.2.3 Species: Although indigenous species are to be preferred in the plantation, considering adverse soil & moisture conditions we may go for hardy exotic species where required so that the plants are able to survive. Considering the topography, soil and moisture availability of the plantation area, the following species will be planted.

Name of species	Common name	Remarks
Acacia auriculiformis	Acacia	In rocky exposed areas
Azadirachtaindica	Neem	In well drained soil
Derris indica	Karanja	In area with good soil depth
Emblicaofficinalis	Amla	In area with soil depth
Cassia siamea	Chakunda	In rocky and exposed areas
Dalbergiasissoo	Sissoo	In lower areas with good soil depth
Gmelinaarborea	Gambhari	In lower areas with good soil depth
Dendrocalamusstrictus	Salia bamboo	In lower areas with good soil depth healthy seedlings from rhizomes may be planted
Zizyphusmauritania	Ber	In rocky areas with low soil depth
Simarubaglauca	Simaruba	In rocky areas with low soil depth

5.0. Monitoring & Evaluation.

The implementation & its maintenance will be evaluated by the authority of the User Agency regularly. The Divisional Forest Officer, Keonjhar Forest Division may be kept informed from time to time as required.

6.0 Implementing Agency.

This prescription is to be implemented by the user agency.

7.0 Financial Forecast

Financial Forecast for the measures proposed like development of created boulder masonry and excavation of garland drain has been considered in the Schemes for in compliance with condition No. (vii)(c). So, no additional cost for the same has been proposed in this scheme. Financial Forest for the measures like Terracing of OB dump, earthen drain within the slope of OB dump, grass seeding on OB dump and plantation on OB dump area has been proposed in this scheme. The detail of financial forecast for scheme of "Stabilize the overburden dumps by appropriate grading/benching so as to ensure that the angles of repose at any given place is less than 28°" is given as below:

FINANCIAL FORECAST

Sl. No.	Particulars of interventions	Financial involvement (Rs)
1	Terracing of OB dump over a length of 30000 sqm @ Rs.343/running meter (**Annexure-I**)	1,02,90,000.00
2	Excavation of concrete drain of 600 cum over a slope length of 1000 mtr in every 50 meter within the slope of proposed OB dump (**Annexure-II**)	2,18,865.00
3	Cost for sowing of grass seeds over 19.489 ha @ Rs. 26043/- ha (**Annexure-III**)	5,07,552.03
4	Maintenance of grass seed @ (5 mandays for period of six month) Total 900 mandays (180 x 5) for six months 900 x Rs. 311.00 = 2,79,900.00	2,79,900.00
5	Block plantation (1600 plants/ha) over 19.489 ha of OB dump area @ Rs. 180171.07/Ha (**Annexure-IV**).	35,11,353.98
	Sub-Total:	**1,48,07,671.01**
	Inspection, monitoring and evaluation @15% of the total project cost	23,69,227.36
	Total	**1,71,76,898.37**
	Price escalation @20%	34,35,379.67
	Grand Total	**2,06,12,278.04**
		Or say
		2,06,12,300.00

(Rupees two crore six lakhs twelve thousand three hundred) only

Technically Approved

Regional Chief Conservator of Forests
Rourkela Circle

Divisional Forest Officer
Keonjhar Forest Division

Annexure-I

Engagement of HEMM (Heavy earth mining machineries) in dump slope for terracing

1. Location- over burden dump- work efficiency of HEMM machine per hour-3.5 Sqm on the dump.
   (Average height of the terrace-20 mt)
2. Rate of engagement of HEMM Machine Rs. 1200/hr
3. Terracing cost at OB dump/sqm- Rs. 1200/3.5=**Rs. 343**
4. In our OB dump average slope length=1500 mtr
5. Average height of terrace 20 mt.
6. Total terrace area in sqm= 1500 x 20=30,000sqm

Annexure-II

Excavation of earthen drain in every 50 meter within the slope of proposed OB dump

A: E/W Excavation by Mechanical Means

1. In our OB dump average slope length=1500 mtr
2. Total no. of drain required within 1500 mtr slope length= 1500/50=30 nos.
3. Average height of terrace 20 mt.
4. E/W excavation by mechanical means for one drain= 20m x 1m x1 m=20 Cum
5. Total volume to be excavated for 30 nos. of drain= 30 x 20=600 cum
6. Taking Rs. 47.00/Cum, total cost for excavation of 600 cum of earthen material= Rs. **28200.00/-.**

B: Providing crate boulder

1. Crate boulder pitching within earthen drain: 600 x 0.5 x 0.5= 150 Cum
2. Considering Rs. 1271.10/Cum, the cost of boulder pitching within earthen drain=150 x 1271.10=**190665.00**
   Total Cost= 28200+190665=2,18,865.00

Annexure-III

Estimate for sowing of grass seeds per ha.

Cost of broadcasting of grass seeds per ha. Labour rate Rs.311.00/- per day				
Sl No.	**Purpose**	**No. of Labour/quantity of materials**	**Rate (in Rs.)**	**Amount in Rs.**
1	Spreading of good top soil	03 Nos	311.00/- Labour	933.00
2	Adding FYM and good earth	2 TL FYM 2TL Good earth	500/TL FYM 500/TL Good earth	2000.00
3	Cost of grass seed 500 Kg/per ha		40/Kg	20000.00
4	Broad casting	10 nos	311.00/-Labour	3110.00
			Total	**26043.00**

COST NORM FOR BLOCK PLANTATION @ 1600 PLANTS PER HECTARE (6 month old seedling)

WAGE RATE @ Rs 311.00/- per day

Sl. No	Items of work	Preferable Period of Execution	Labour in Mandays	labour cost (Rs)	Material cost (Rs)	Total cost in (Rs)
1	2	3	4	5	6	7
	0TH YEAR (ADVANCE WORK) PRE-PLANTING OPERATION					
1	Survey, demarcation and pillar posting	Nov/Dec	2	622.00	0	622.00
2	Site preparation	Nov/Dec	12	3732.00	0	3732.00
3	Alignment and stacking of pits	Jan/Feb	2	622.00	0	622.00
4	Digging of pits (30 cm cube)	Feb/Mar	40	12440	0	12440.00
5	Nursery cost (6 months old seedling) part @ Rs.12.43/- seedling (Rs.8.67 in 0th year + Rs.3.76 in 1st year) for 1760 seedlings (1600+160)	Jan-Mar	44	13684.0	2939	16623.00
	Total		**100**	**31100**	**2939**	**34039.00**
6	Monitoring & Supervision charge 5% of the total cost					1701.95
	Grand Total		**100**	**31100**	**2939**	**35740.95**
	1ST YEAR/PLANTING YEAR					
7	Nursery cost (6 months old seedling) balance @ Rs.3.76 for 1760 seedlings	Apr-June	21.5	6686.50	593	7279.50
8	Fencing For an average of 250 meters/ha @ Rs.76.80/- per meter for bamboo twigs and bamboo thorn fencing	May/June	38	11818.00	8560	20378.00
9	Carriage & planting, Casualty Replacement and application of insecticides, manure etc.	Jul/Aug	21	6531.00	0	6531.00
10	Cost of insecticide and fertilizer (a)NPK @ 50 gms/plant as basal dose =80kg @ Rs.24/- per kg = Rs.1920.00 (b) Urea @ 70 gms/plant in two subsequent doses @ Rs.6/- per kg = Rs.672.00 (c) Granular insecticide (Themet, Forate etc.) @ 5 gms/plant @ Rs.80/- per kg = Rs.640.00	July/Aug		0	3232	3232
11	1st weeding (complete weeding)	Aug/Sep	7	2177.00	0	2177.00
12	Manuring Urea 35 gm	Aug/Sep	5	1555.00	0	1555.00
13	2nd Weeding (complete weeding)	Sep/Oct	5	1555.00	0	1555.00
14	Soil working (50 cms. Radius around plants) &manuring Urea 35gms per plant	Sep/Oct	7	2177.00	0	2177.00
15	Soil conservation measures in the form of staggered trenches of size 2 m X 0.5 m X 0.5 m @ 30 nos per ha	Sep/Oct	10	3110.00	0	3110.00
16	Fire line tracing & inspection path	Feb/Mar	3	933.00	0	933.00
17	Watch & Ward	Aug-Mar	7	2177.00	0	2177.00
	Total		**124.50**	**38719.50**	**12385**	**51104.50**
18	Monitoring & Supervision charge 5% of the total cost					2555.22
	Grand Total		**124.50**	**38719.50**	**12385**	**53659.72**
	2ND YEAR MAINTENANCE					

19	Casualty replacement (10%) with Nursery cost	Jul/Aug	4	1244.00	1988.00	3232.00
20	Weeding (complete weeding)	Sep/Oct	6	1866.00	0	1866.00
21	Cost of fertilizer (NPK @70 gms/plant) (Rs.24/-per kg & Insecticide @5 gms/plant for 160 plants 800 gms @ Rs.80/- per kg)	Sep/Oct		0	2752	2752.00
22	Repair and maintenance of Bamboo fence including material cost	May/June	20	6220	5080	11300.00
23	Soil working (50 cms. Radius around plants)	Oct/Nov	7	2177.00	0	2177.00
24	Application of fertilizer & insecticide	Sep/Oct	4	1244.00	0	1244.00
25	Fire line tracing (2 m. wide fire line over 400 m long)	Feb/Mar	3	933.00	0	933.00
26	Watch & Ward	Apr-Mar	15	4665	0	4665.00
	Total		**59**	**18349**	**9821**	**28170.00**
27	Monitoring & Supervision charge 5% of the total cost					1408.50
	Grand Total		**59**	**18349**	**9821**	**29578.50**
	3RD YEAR MAINTENANCE					
28	Weeding and application of fertilizer	Aug/Sep	7	2177.00	0	2177.00
29	Cost of fertilizer (NPK @ 50 gms/plant) @ Rs.24/-per kg			0	1920	1920.00
30	Repair and maintenance of Bamboo fence including material cost	May/June	20	6220.00	1000	7220.00
31	Soil working (50 cms. Radius around plants) &application of fertilizer	Oct/Nov	7	2177.00	0	2177.00
32	Fire line tracing (2 m. wide fire line over 400 m length)& cultural operation	Feb/Mar	3	933.00	0	933.00
33	Watch & Ward	Apr-Mar	15	4665.00	0	4665.00
	Total		**52**	**16172.0**	**2920**	**19092.00**
34	Monitoring & Supervision charge 5% of the total cost					954.60
	Grand Total		**52**	**16172.0**	**2920**	**20046.60**
	4TH YEAR MAINTENANCE					
35	Fire line tracing (2 m. wide fire line over 400 m length) & cultural operation	Feb/Mar	3	933.00	0	933.00
36	Watch & Ward	Apr-Mar	15	4665.00	0	4665.00
	Total		**18**	**5598.00**	**0**	**5598.00**
37	Monitoring & Supervision charge 5% of the total cost					279.90
	Grand Total		**18**	**5598.00**	**0**	**5877.90**
	5TH YEAR MAINTENANCE					
38	Fire line tracing (2 m. wide fire line over 400 m length) & cultural operation	Feb/Mar	3	933.00	0	933.00
39	Watch & Ward	Apr-Mar	15	4665.00	0	4665.00
	Total		**18**	**5598.00**	**0**	**5598.00**
40	Monitoring & Supervision charge 5% of the total cost					279.90
	Grand Total		**18**	**5598.00**	**0**	**5877.90**
	6TH YEAR MAINTENANCE					
41	Fire line tracing (2 m. wide fire line over 400 m length) & cultural operation	Feb/Mar	3	933.00	0	933.00
42	Watch & Ward	Apr-Mar	15	4665.00	0	4665.00
	Total		**18**	**5598.00**	**0**	**5598.00**
43	Monitoring & Supervision charge 5% of the total cost					279.90

	Grand Total		**18**	**5598.00**	**0**	**5877.90**
	7TH YEAR MAINTENANCE					
41	Fire line tracing (2 m. wide fire line over 400 m length) & cultural operation	Feb/Mar	3	933.00	0	933.00
42	Watch & Ward	Apr-Mar	15	4665.00	0	4665.00
	Total		**18**	**5598.00**	**0**	**5598.00**
43	Monitoring & Supervision charge 5% of the total cost					279.90
	Grand Total		**18**	**5598.00**	**0**	**5877.90**
	8TH YEAR MAINTENANCE					
44	Fire line tracing (2 m. wide fire line over 400 m length) & cultural operation	Feb/Mar	3	933.00	0	933.00
45	Watch & Ward	Apr-Mar	15	4665.00	0	4665.00
	Total		**18**	**5598.00**	**0**	**5598.00**
46	Monitoring & Supervision charge 5% of the total cost					279.90
	Grand Total		**18**	**5598.00**	**0**	**5877.90**
	9TH YEAR MAINTENANCE					
47	Fire line tracing (2 m. wide fire line over 400 m length) & cultural operation	Feb/Mar	3	933.00	0	933.00
48	Watch & Ward	Apr-Mar	15	4665.00	0	4665.00
	Total		**18**	**5598.00**	**0**	**5598.00**
49	Monitoring & Supervision charge 5% of the total cost					279.90
	Grand Total		**18**	**5598.00**	**0**	**5877.90**
	10TH YEAR MAINTENANCE					
47	Fire line tracing (2 m. wide fire line over 400 m length) & cultural operation	Feb/Mar	3	933.00	0	933.00
48	Watch & Ward	Apr-Mar	15	4665.00	0	4665.00
	Total		**18**	**5598.00**	**0**	**5598.00**
49	Monitoring & Supervision charge 5% of the total cost					279.90
	Grand Total		**18**	**5598.00**	**0**	**5877.90**

ABSTRACT

Sl. No	Year	No. Person Day	Labour cost @ Rs. 311.00/- per day	Material cost (Rs)	Monitoring & Supervision charge 5% of the total cost	Total cost in (Rs)
1	0th year	100	31100	2939	1701.95	35740.95
2	1st year	124.50	38719.50	12385	2555.22	53659.72
3	2nd year	59	18349	9821	1408.50	29578.50
4	3rd year	52	16172.0	2920	954.60	20046.60
5	4th year	18	5598.00	0	279.90	5877.90
6	5th year	18	5598.00	0	279.90	5877.90
7	6th year	18	5598.00	0	279.90	5877.90
8	7th year	18	5598.00	0	279.90	5877.90
9	8th year	18	5598.00	0	279.90	5877.90
10	9th year	18	5598.00	0	279.90	5877.90
11	10th year	18	5598.00	0	279.90	5877.90
Total		**461.50**	**143526.50**	**28065.00**	**8579.57**	**180171.07**

ANNEXURE-X

OFFICE OF THE REGIONAL CHIEF CONSERVATOR OF FORESTS, ROURKELA CIRCLE, AT/P.O. PANPOSH, ROURKELA-769 004.

Memo No. 1478/3F-119/2021 Date: 11-06-2021

To

The Divisional Forest Officer,
Keonjhar Division.

Sub: Proposal for diversion of 345.189 ha. of forest land including 6.919 ha. safety zone within the total mining lease area over 366.311 ha. of Khandbandh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, Odisha.

X-Sub: Submission of revised schemes at the current wage rate of Rs.311.00 per man day.

Ref: Your Memo No.3316 Dtd.01.06.2021.

The revised financial outlays of the following schemes prepared in compliance with the conditions stipulated in the Stage-I approval accorded in respect of the above diversion proposal at the current wage rate of Rs.311.00/- per man day and submitted vide your Memo under reference are hereby technically approved for the amount as indicated against each.

Sl. No.	Name of the scheme for which revised financial outlay has been submitted by the DFO, Keonjhar	Technical approval by the RCCF, Rourkela Circle.
01	The scheme for Appropriate mitigative measures to minimize soil and choking of streams within Khandbandh Iron Ore Mines prepared in compliance with Condition No. 2(vii)(a) with a total financial outlay of Rs.44,16,000/-	Technically approved for Rs. 44,16,000/- (Rupees forty-four lakh sixteen thousand) only
02	The for planting of adequate hardy plant species and sowing of seeds in the appropriate area within the mining lease area to arrest soil erosion prepared in compliance with Condition No. (vii)(b) without budgetary provision.	Technically approved vide this office Memo No.1681 dtd.12.07.2019.
03	The scheme for construction of check dams, retention / toe walls to arrest sliding down of the excavated material along the contour prepared in compliance with Condition No. (vii)(c) with a total financial outlay of Rs.62,73,900/-	Technically approved for Rs.62,73,900 (Rupees sixty-two lakh seventy-three thousand nine hundred) only
04	The Scheme to stabilize overburden dump by grading/benching so as to ensure the angles of repose at any given place is less than 28^0 prepared in compliance with Condition No. 2(vii)(d) with a total financial outlay of Rs.2,06,12,300/-	Technically approved for Rs. 2,06,12,300/- (Rupees two crore six lakh twelve thousand three hundred) only
05	The scheme for Management of Top Soil within Khandabandh Iron Ore Mines prepared in compliance with Condition No. 2(vii)(e) with a total financial outlay of Rs.3,47,47,300/-	Technically approved for Rs.3,47,47,300/- (Rupees three crore forty-seven lakh forty-seven thousand three hundred) only

06	The Scheme for fencing, protection and regeneration of the safety zone within the mining lease boundary prepared in compliance with Condition No. 2(xii) with a total financial outlay of Rs.93,35,600/-	Technically approved for Rs.93,35,600/- (Rupees ninety-three lakh thirty-five thousand six hundred) only
07	The Scheme for afforestation over one & half time of safety zone area over 10.38 ha of degraded forest land identified in Baitarani East (A) PRF forest block of Champua prepared in compliance with Condition No. 2(xii) with a total financial outlay of Rs. 17,61,700/-	Technically approved for Rs.17,61,700/- (Rupees seventeen lakh sixty-one thousand seven hundred) only
08	The Scheme for gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests located in the area within 100 meters from outer perimeter of the mining lease prepared in compliance with Condition No. 2(xxiii) with a total financial outlay of Rs.34,02,100/-	Technically approved for Rs.34,02,100/- (Rupees thirty-four lakh two thousand one hundred) only
09	The scheme for de-silting of the village tanks and other water bodies located within 05 Km from Mining Lease Boundary so as to mitigate the impact of siltation of such tanks/water bodies prepared in compliance with Condition No. (xxv) with a total financial outlay of Rs.22,88,500/-.	Technically approved for Rs.22,88,500/- (Rupees twenty-two lakh eighty-eight thousand five hundred) only.

The technically approved revised financial outlays are returned herewith for taking necessary action at your end.

Encl:- As above.

Regional Chief Conservator of Forests,
Rourkela Circle

Memo No. Date:

Copy forwarded to the Chief Conservator of Forests(Forest Diversion & Nodal Officer, FC Act),O/o the Pr.CCF, Odisha for favour of kind information and necessary action with reference to Memo No.3317 dtd.01.06.2021 of the DFO, Keonjhar Division.

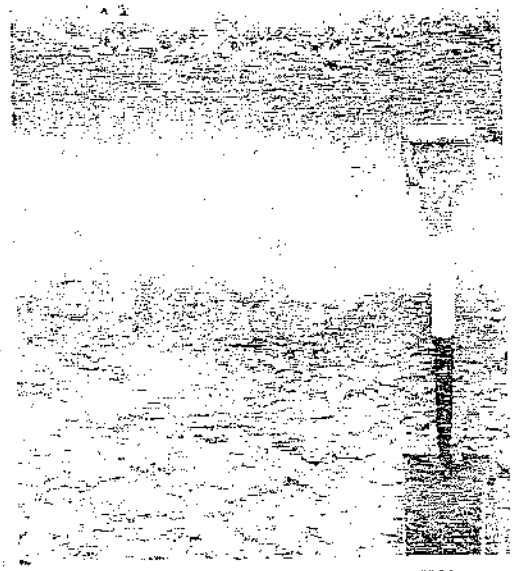
Regional Chief Conservator of Forests,
Rourkela Circle

(10)

SCHEMEFOR

MANAGEMENT OF TOP SOIL
AT KHANDABANDH IRON OREMINES
OF
M/S ODISHA MINING CORPORATION LTD.

(As it pertains to diversion of 345.189 hectare of Forest Land)



Compliance to:

Condition No (vii) (E) of "in principle approval" order vide F.No.8-46/2018-FC Dated 31st January 2019 of MoEF&CC, Govt. of India.

(@ Rs. 311.00/- per manday)

SCHEMEFOR MANAGEMENT OF TOP SOILAT KHANDBANDH IRON ORE MINE OF M/S ODISHA MINING CORPORATION LTD.

(As per condition No(vii) (E) of "in principle approval" order of MoEF&CC, Govt. of India vide F.No.8-46/2018-FC Dated 31st January 2019)

1. INTRODUCTION

Stage-I approval for diversion of 345.189 ha. forest land for non-forest purpose for Khandbandh Iron Ore mine has been accorded vide F.No.8-46/2018-FC Dated 31st January 2019 of Ministry of Environment, Forests & Climate Change, subject to fulfillment of certain conditions.

As per condition No. (vii) (E) of the Stage-I approval, "No damage shall be caused to the top-soil and the user agency will follow the top soil management plan".

In compliance to this condition a plan for management of top soil is prepared. Earlier a scheme for management of top soil at Khandabandh Iron Ore Mines has been approved by RCCF, Rourkela @ Rs. 286.30 per man day and @ Rs. 298.00 per man day and @ Rs. 303.40 per man day. Labour Commissioner of Odisha letter no. 2816/LC dt. 25.05.2021 has revised the minimum wage rate to Rs. 311.00/- per man day. In this context the scheme has been revised @ Rs. 311.00/- per man day.

The purpose of this scheme is to prescribe methods to manage fertile top soil / sub soil effectively so as to preserve & conserve precious natural resources which has been formed after years of natural process.

2. Top Soil management.

In order to manage the top soil the following suggestions are put forth and to be practised.

- ✓ Top soil likely to be generated is to be dumped at earmarked place not affected by mining operation.
- ✓ Dump may have a slope less than 28^0
- ✓ Cover the top soil with a tarp / coir mat.
- ✓ Broadcast grass seed over the top soil.
- ✓ During reclamation the top soil may be utilized to cover the top after filling and covered the area under tree planting.
- ✓ Bring the soil under tree planting as soon as possible and covered with mulch to prevent the soil from washing or blowing away.
- ✓ Generation of Top Soil & its utilization will be recorded in a measurement book and copy of the same to be provided to reviewing authorities annually.

3.0 Present Scenario:

As per approved mining plan, no top soil will be generated during first 5 years of mining. But from 2024 till conceptual around 0.36 million Cu.m. of top soil will be generated. Top soil produced will be utilized in reclamation of mine and plantation. The stock register for production and utilization of top soil will be maintained by the User Agency.

This quantity will be generated in course of mining activities mostly during expansion of mining area.

4.0 Plan for top soil management:

The topsoil management plan provides description of the soil stripping and stockpiling procedures to minimize top soil degradation and maximum availability of suitable soil for future rehabilitation within mining lease of Khandbandh Iron Ore Mines of M/s OMC Ltd. Topsoil is to be stripped in areas proposed to be distributed. A comprehensive top soil management plan has been prepared keeping in view of the conservation, regeneration and afforestation in and around the site where top soil will be stored.

In non-mineralized area also there is existence of very thin layers of top soil say 5 cm to 10 cm varying from site to site, which is very difficult to slice down and will be stored separately for use during future reclamation.

The top soil inside the Mining Lease area is scanty and present in extremely thin layer. The topsoil will be utilized for concurrent plantation works in the mine as per this plan.It is proposed to use the top soil generated during the mining operation within a period of six months due to its low shelf-life. Some of the top soil will be stored temporarily until it can be used for plantation works & dump plantation. The details of collection of top soil are given below:

Dimension of the top soil stock yard: 180 mt x 100 mt x 20 mt= 1.8 ha

Volume to be stacked=0.36 million Cum.

5.0 Inspection, Monitoring and evaluation

Intensive inspection and technical guidance from concerned technical wing is required for successful implementation of above top soil management. Sufficient fuel/conveyance charges for technical experts shall be provided by the user agency for proper execution of these programmes. Budgetary provision of 15% of the total project cost has been earmarked on this score.

6.0. Budgetary provision.

Top soil removal / dumping will be as per mining plan and the soil will be utilized for taking up plantations in backfill and other areas. The total cost of the project is given as below.

Sl No.	Description of the work	Funds Required
1	Virgin forest area from where top soil can be collected. Stripping cost 0.5ha/hr@ 1770.00. Therefore 83.0706 ha cost=166.1412 hrs Total 166.1412 hrs x Rs. 1770-=2,94,070/- Loading & transporting cost from the site to top soil stockpiles comes to be : 360000 x (tonnage factor)1.8= 648000 ton 648000 ton x Rs. 35/- (Loading & Transportation @ Rs. 35/ton) = Rs. **2,26,80,000/-** Cost of leveling with 4800 manpower @311.00/- Rs. 311.00 x 4800=Rs. **14,92,800/-**	Rs. 2,44,66,870.00
2	Cost for sowing of grass seeds over 1.8 ha @Rs **26,043.00/-ha (Annexure-I).**	Rs. 46,877.40
3	Maintenance of grass seed @ (3 mandays weekly for period of six month) Total 72 mandays for six months 72 x Rs. 311.00 = 22,392.00	Rs. 22,392.00
4	Retaining wall over a length of 180 meters (**Annexure-II**).	Rs. 5,84,400.00
5	Garland drain over a length of 180 meters (**Annexure-III**).	Rs. 58,600.00
	Sub-total	Rs. 2,51,79,139.40
6	Inspection, monitoring & evaluation @15% of the total project cost	Rs. 37,76,870.91
	Total	Rs. 2,89,56,010.31
7	Price escalation @20%	Rs. 57,91,202.06
	Grand Total	Rs. 3,47,47,212.37 or say **Rs. 3,47,47,300.00**

(Rupees three crore forty seven lakh forty seven thousand three hundred) only

The total cost of the implementation of Top soil management scheme will be Rs. **3,47,47,300.00/- (Rupees three crore forty seven lakh forty seven thousand three hundred)** only as detailed above which will be borne by User Agency at their project cost. The cost of the scheme may subject to increase in amount considering the increase in materials and labour charges which will also be borne by the User Agency.

7.0. Execution.

This is part of the mining operation and to be executed by the User agency.

Technically Approved

Regional Chief Conservator of Forests
Rourkela Circle

Divisional Forest Officer
Keonjhar Forest Division

Annexure-I

Estimate for sowing of grass seeds per ha.

Cost of broadcasting of grass seeds per ha. Labour rate Rs.311.00/- per day				
Sl No.	Purpose	No. of Labour/quantity of materials	Rate (in Rs.)	Amount in Rs.
1	Spreading of good top soil	03 Nos	311.00/- Labour	933.00
2	Adding FYM and good earth	2 TL FYM 2TL Good earth	500/TL FYM 500/TL Good earth	2000.00
3	Cost of grass seed 500 Kg/per ha		40/Kg	20000.00
4	Broad casting	10 nos	311.00/-Labour	3110.00
			Total	26043.00

Annexure-II

Development of retaining wall near proposed Top soil dump
(Length of the wall = 180 mtr.)

1) E/W excavation by mechanical means.
Qty. 180 m x 2m x 0.3 = 108 Cum
Taking Qty. 80% = 86.4 Cum @ Rs. 54.70 = Rs. 4726.08

2) Blasting.
Taking 20% of Qty item (1) =21.6 Cum @ Rs. 354.00 = Rs. 7646.40

3) Providing crate boulder.
Bottom layer: 180 m x 1.5m x1.00 = 270 Cum
Second layer: 180 m x 1.00m x 1.00m = 180 Cum
450 Cum
@ Rs. 1271.10/Cum = Rs. 571995.00
Rs. 5,84,367.48
Say Rs. 5,84,400.00

Annexure-III

Excavation of Earthen drain (Garland drain) near proposed Top soil dump at Khandabandh.

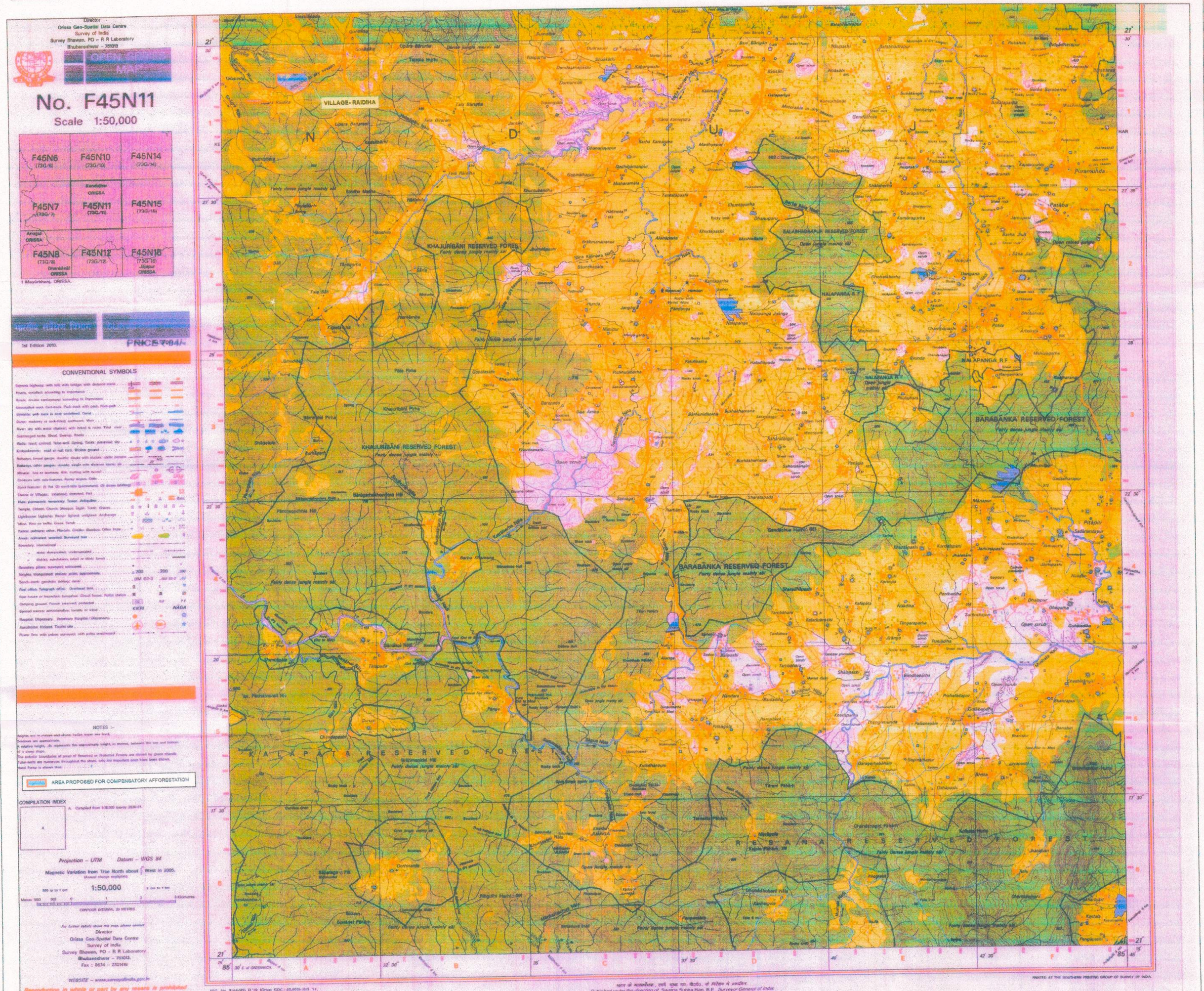
1) E/W excavation by mechanical means.
1070m x 2.00 x 1.5 = 540.00 Cum
Taking 80% of above = 432.00 Cum @ Rs. 47.00/Cum = Rs. 20304.00

2) Blasting. 20% of Item (1) = 108 Cum @ Rs. 354.00/Cum = Rs. 38232.00
Rs. 58536.00
Say Rs. 58,600.00

PLATE NO:- 1

MAP SHOWING AREA PROPOSED FOR COMPENSATORY AFFORESTATION IN VILLAGE RAIDIHA OVER AN AREA OF 51.225 HA. AGAINST KHANDABANDH IRON ORE MINES OF OMC LTD.

S.K. Das
Addl. General Manager (Geo)
Power of Attorney Holder
Odisha Mining Corporation Ltd.
Bhubaneswar



COUNTERSIGNED

Range Officer
B.J.P. Range

SURVEYOR

Divisional Forest Officer,
Keonjhar Division

Published under the direction of Swarna Subba Rao, B.E., Surveyor General of India.
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Department of Science & Technology, Government of India.
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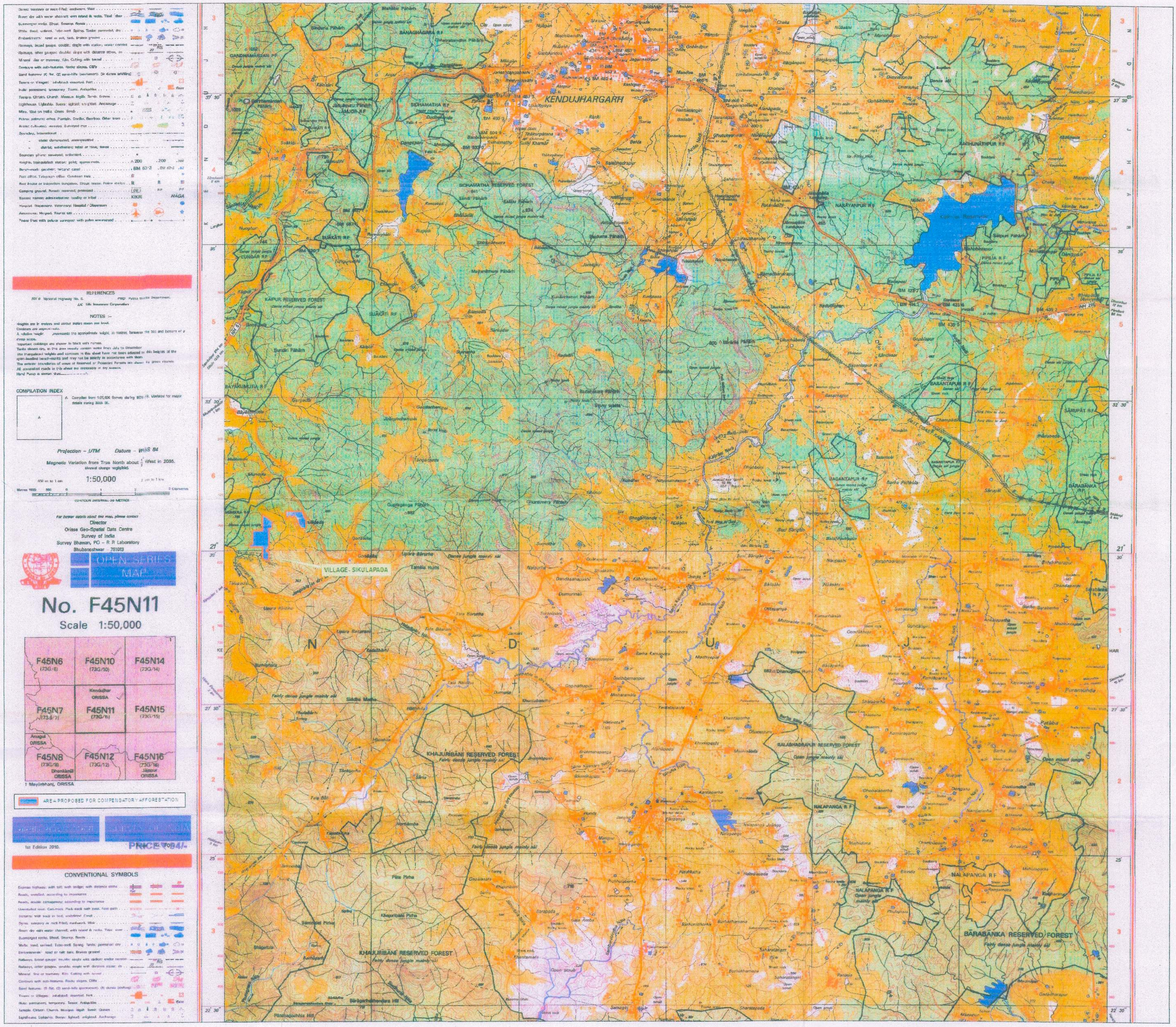
PLATE NO.:- II

MAP SHOWING AREA PROPOSED FOR COMPENSATORY AFFORESTATION IN VILLAGE SIKULAPADA OVER AN AREA OF 62.058 HA. AGAINST KHANDABANDH IRON ORE MINES OF OMC LTD.



COUNTERSIGNED

SURVEYOR

Range Officer
B.J.P. Range

S.K. Das
Asstt. General Manager (Geo)
Power of Attorney Holder
Odisha Mining Corporation Ltd
Bhubaneswar

PLATE NO: III

S.K. Das
Addl. General Manager (Geo)
Power of Attorney Holder
Odisha Mining Corporation Ltd.
Bhubaneswar

MAP SHOWING AREA PROPOSED FOR COMPENSATORY AFFORESTATION IN VILLAGE PHULJHAR OVER AN AREA OF 46.397 HA. AGAINST KHANDABANDH IRON ORE MINES OF OMC LTD.

निर्यात के लिए नहीं NOT FOR EXPORT

No. F45N6

Scale 1:50,000

F45N1 (73G/1) Rairangpur ORISSA	F45N5 (73G/5)	F45N9 (73G/9)
F45N2 (73G/2) Deogarh ORISSA	F45N6 (73G/6) Kendujhar ORISSA	F45N10 (73G/10)
F45N3 (73G/3) Anugul ORISSA	F45N7 (73G/7)	F45N11 (73G/11)

1 Mayurbhanj, ORISSA.

1st Edition 2009. Price : Rs. 50 / -

CONVENTIONAL SYMBOLS

AREA PROPOSED FOR COMPENSATORY AFFORESTATION

REFERENCE
NH 6 National Highway No. 6

NOTES :-
Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, (in metres) is the approximate height in metres, between the top and bottom of a steep slope.
The triangulated heights and spotheights, in this sheet, have not been adjusted to the heights of the adjoining bench-marks, and may not be strictly in accordance with them.
Unmetalled roads, in this sheet, are generally motorable in dry season.
Important buildings are shown in black.
Hand Pump is shown thus.

COMPILATION INDEX

A. Compiled from 1:25,000 survey 1978-79. Updated for major details during 2005-06.

Projection – UTM Datum – WGS 84

Magnetic Variation from True North about $\frac{1}{2}^{\circ}$ West in 2005.
(Annual change negligible)

1:50,000

Metres 1000 500 0 1 2 3 Kilometres

CONTOUR INTERVAL 30 METRES

For further details about this map, please contact
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Survey of India
Survey Bhawan, PO – R R Laboratory
Bhubaneshwar 751013.
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COUNTERSIGNED

Divisional Forest Officer.

SURVEYOR

REG. No. 641-SPC-D'09 (Orissa GDC-1:50,000)-1015.

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PLATE NO: IV

MAP SHOWING NON FOREST GOVT LAND PROPOSED FOR COMPENSATORY AFFORESTATION OVER AN AREA OF 135.865 HA. IN VILLAGE DALIMGUDA UNDER THUAMUL RAMPUR TAHASIL OF KALAHANDI DISTRICT AGAINST KHANDABAND IRON ORE MINES OF OMC LTD.

निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. E44F2

Scale 1:50,000

E44E13 (65I/13)	E44F1 (65M/1) Kalāhāndi ORISSA	E44F5 (65M/5)
E44E14 (65I/14)	E44F2 (65M/2)	E44F6 (65M/6)
E44E15 (65I/15)	E44F3 (65M/3) Rāyagarha ORISSA	E44F7 (65M/7)

1 Nabarangapur, ORISSA.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2012.

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CONVENTIONAL SYMBOLS

Expressway: with toll; with bridge; with distance stone
Roads, metalled: according to importance
Roads, double carriageway: according to importance
Unmetalled road. Cart-track. Pack-track and pass. Foot-path
Streams: with track in bed; undefined. Canal
Dams: masonry or rock-filled; earthwork. Weir
River: dry with water channel; with island & rocks. Tidal river
Submerged rocks. Shoal. Swamp. Reeds
Wells: lined; unlined. Tube-well. Spring. Tank: perennial; dry
Embankments: road or rail; tank. Broken ground
Railways, broad gauge: double; single with station; under constrn
Railways, other gauges: double; single with distance stone; do
Mineral line or tramway. Kiln. Cutting with tunnel
Contours with sub-features. Rocky slopes. Cliffs
Sand features: (1)flat.(2)sand-hills (permanent). (3)dunes(shifting).
Towns or Villages: inhabited; deserted. Fort
Huts: permanent; temporary. Tower. Antiquities
Temple. Chhatri. Church. Mosque. Idgāh. Tomb. Graves
Lighthouse. Lightship. Buoys: lighted; unlighted. Anchorage
Mine. Vine on trellis. Grass. Scrub
Palms: palmyra; other. Plantain. Conifer. Bamboo. Other trees
Areas: cultivated; wooded. Surveyed tree
Boundary, International
" state: demarcated; undemarcated
" district; subdivision, tahsil or tāluk; forest
Boundary pillars: surveyed; Unlocated;
Heights, triangulated: station; point; approximate. △ 200 .200 .209
Bench-mark: geodetic; tertiary; canal ..... BM 63·3 .BM 63-3 .63
Post office. Telegraph office. Overhead tank.
Rest house or Inspection bungalow. Circuit house. Police station
Camping ground. Forest: reserved; protected ..... CG RF PF
Spaced names: administrative; locality or tribal ..... KIKRI NĀGA
Hospital. Dispensary. Veterinary Hospital / Dispensary
Aerodrome. Helipad. Tourist site
Power line: with pylons surveyed; with poles unsurveyed

AREA PROPOSED FOR COMPENSATORY AFFORESTATION (135.865 HA.)

REFERENCE

PWD Public Works Department.

NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, „Br, represents the approximate height, in metres, between the top and bottom of a steep slope.
„Jhum or temporarily cultivated areas occur throughout the jungle; they are normally abandoned after 2–3 years and are not shown.
The exterior boundaries of areas of Reserved or Protected Forests are shown by green ribands.
The administrative boundaries, in this sheet have been entered as per the information provided in the Gazette 1992 and 93, Government of Orissa, but have not been departmentally verified.
Hand Pump is shown thus. 1

COMPILATION INDEX

A. Compiled from 1:25,000 survey 1980–81. Updated for major details during 2004–05.

Projection – UTM Datum – WGS 84

Magnetic Variation from True North about $\frac{3}{4}^{\circ}$ West in 2005. (Annual change negligible).

500 m to 1 cm 1:50,000 2 cm to 1 km

Metres 1000 500 0 1 2 3 Kilometres

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact
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Survey of India
Survey Bhawan, PO – R R Laboratory
Bhubaneshwar

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Department of Science & Technology, Government of India.

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Range Officer
Th. Rampur (N) Range

Section Forester
Gunpur Section

Revenue Inspector
GUNPUR

Tahasildar
Thuamul Rampur
Tahasildar
Thuamul Rampur

Divisional Forest Officer
Kalahandi South Division

PLATE NO:- V

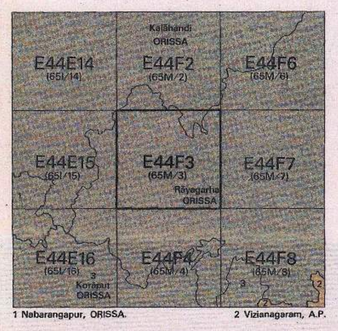
MAP SHOWING NON FOREST GOVT LAND ALLOTED FOR COMPENSATORY AFFORESTATION OVER AN AREA OF 38.644 HA. IN VILLAGE KERAPAI UNDER THUAMUL RAMPUR TAHASIL OF KALAHANDI DISTRICT AGAINST KHANDABAND IRON ORE MINES OF OMC LTD.

निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. E44F3

Scale 1:50,000



1 Nabarangapur, ORISSA. 2 Vizianagaram, A.P.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009. Price : Rs. 50 / -

CONVENTIONAL SYMBOLS

Express highway: with toll; with bridge; with distance stone
Roads metalled: according to importance
Roads double carriageway: according to importance
Unmetalled road. Cart-track. Pack-track and pass. Foot-path
Streams: with track in bed; undefined. Canal
Dams: masonry or rock-filled; earthwork. Weir
River: dry with water channel; with island & rocks. Tidal river
Submerged rocks. Shoal. Swamp. Reeds
Wells: lined; unlined. Tube-well. Spring. Tanks: perennial; dry
Embankments: road or rail; tank. Broken ground
Railways, broad gauge: double; single with station; under constrn
Railways, other gauges: double; single with distance stone; do
Mineral line or tramway. Kiln. Cutting with tunnel
Contours with sub-features. Rocky slopes. Cliffs
Sand features: (1)flat,(2)sand-hills (permanent), (3)dunes(shifting).
Towns or Villages: inhabited; deserted. Fort
Huts: permanent; temporary. Tower. Antiquities
Temple. Chhatri. Church. Mosque. Idgah. Tomb. Graves
Lighthouse. Lightship. Buoys: lighted; unlighted. Anchorage
Mine. Vine on trellis. Grass. Scrub
Palms: palmyra; other. Plantain. Conifer. Bamboo. Other trees
Areas: cultivated; wooded. Surveyed tree
Boundary, international
" state: demarcated; undemarcated
" district; subdivision, tahsil or taluk; forest
Boundary, pillars: surveyed; unlocated
Heights, triangulated: station; point; approximate. △ 200 . 200 .200
Bench-mark: geodetic; tertiary; canal . BM 63·3 .BM 63·3 .63
Post office. Telegraph office. Overhead tank.
Rest house or Inspection bungalow. Circuit house. Police station
Camping ground. Forest: reserved; protected CG RF PF
Spaced names: administrative; locality or tribal KIKRI NĀGA
Hospital. Dispensary. Veterinary: Hospital / Dispensary
Aerodrome. Helipad. Tourist site
Power line: with pylons surveyed; with poles unsurveyed

AREA PROPOSED FOR COMPENSATORY AFFORESTATION (38.644 HA.)

NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate.
Important buildings are shown in black with names.
A relative height, '..ft', represents the approximate height, in metres, between the top and bottom of a steep slope.
The exterior boundaries of areas of Reserved or Protected Forests are shown by green ribands.
'Jhoms' or temporarily cultivated areas occur throughout the jungle; they are normally abandoned after 2-3 years and are not shown.
Hand Pump is shown thus. . . . . .

COMPILATION INDEX

A Compiled from 1:25,000 survey 1980-81. Updated for major details during 2004-05.

Projection – UTM Datum – WGS 84

Magnetic Variation from True North about 1° West in 2005. (Annual change negligible).

1:50,000 500 m to 1 cm 2 cm to 1 km

Metres 1000 500 0 1 2 3 Kilometres

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact
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Survey of India
Survey Bhawan, PO – R R Laboratory
Bhubaneshwar–751013
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Department of Science & Technology, Government of India.

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Revenue Inspector Nakarundi
Forester Saisurni Section
Range Officer Th.Rampur (N) Range
Tahasildar Thuamul Rampur
Divisional Forest Officer Kalahandi South Division

PLATE NO: VI

MAP SHOWING NON FOREST GOVT LAND ALLOTED FOR COMPENSATORY AFFORESTATION OVER AN AREA OF 11.00 HA. IN VILLAGE BALANGI UNDER THUAMUL RAMPUR TAHASIL OF KALAHANDI DISTRICT AGAINST KHANDABAND IRON ORE MINES OF OMC LTD.

नियात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. E44E15

Scale 1:50,000

E44E10	E44E14 Kalāhāndi ORISSA	E44F2
E44E11 Nabarangpur ORISSA	E44E15	E44F3 Rāyagarha ORISSA
E44E12	E44E16 Koraput ORISSA	E44F4

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009. PRICE ₹ 94/- Price : Rs. 50/-

CONVENTIONAL SYMBOLS

Express highways with toll; with bridge; with distance stone
Roads, metalled: according to importance
Roads, double carriageway: according to importance
Unmetalled road. Cart-track, Pack-track with pass. Foot-path
Streams: with track in bed; undefined. Canal
Dams: masonry or rock-filled; earthwork. Weir
River: dry with water channel; with island & rocks. Tidal river
Submerged rocks. Shoal. Swamp. Reeds
Wells: lined; unlined. Tube-well. Spring. Tank: perennial; dry
Embankments: road or rail; tank. Broken ground
Railways, broad gauge: double; single with station; under constrn
Railways, other gauges: double; single with distance stone; do
Mineral line or tramway. Kiln. Cutting with tunnel
Contours with sub-features. Rocky slopes. Cliffs
Sand features: (1) flat. (2) sand hills (permanent). (3) dunes (shifting)
Towns or Villages: inhabited; deserted. Fort
Huts: permanent; temporary. Tower. Antiquities
Temple. Chhatri. Church. Mosque. Idgāh. Tomb. Graves
Lighthouse. Lightship. Buoys: lighted; unlighted. Anchorage
Mine. Vine on trellis. Grass. Scrub
Palms: palmyra; other. Plantain. Conifer. Bamboo. Other trees
Areas: cultivated; wooded. Surveyed tree
Boundary, international
" state: demarcated; undemarcated
" district; subdivision, tahsil or taluk; forest
Boundary pillars: surveyed; unlocated
Heights, triangulated: station; point; approximate. △ 200 . 200 .200
Bench-mark: geodetic; tertiary; canal . BM 63·3 .BM 63·3 .63
Post office. Telegraph office. Overhead tank
Rest house or Inspection bungalow. Circuit house. Police station
Camping ground. Forest: reserved; protected . CG RF PF
Spaced names: administrative; locality or tribal . KIKRI NĀGA
Hospital. Dispensary. Veterinary hospital
Aerodrome. Helipad. Tourist site
Power line: with pylons surveyed; with poles unsurveyed

AREA PROPOSED FOR COMPENSATORY AFFORESTATION (11.00 HA.)

NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, e.g., represents the approximate height in metres between the top and bottom of a steep slope.
The forest boundaries have been surveyed as pointed out by the local officials on the ground, but have not been verified by the forest authorities.
Jhum or temporarily cultivated areas occur throughout the jungle; they are normally abandoned after 2-3 years and are not shown.
Hand Pump is shown thus.

COMPILATION INDEX

A. Compiled from 1:25,000 survey 1981-82. Updated for major details during 2004-05.

Projection – UTM Datum – WGS 84

Magnetic Variation from True North about 1° West in 2005. (Annual change negligible).

1:50,000

500 m to 1 cm 2 cm to 1 km

Metres 1000 500 0 1 2 3 Kilometres

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact

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Department of Science & Technology, Government of India.

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Th.Rampur (S) Range
Range Officer
Th.Rampur South Range

Revenue Inspector
Thuamul Rampur

Tahasildar
Thuamul Rampur
Th.Rampur

Forester
Th.Rampur Section

Divisional Forest Officer
Kalahandi South Division

12/17/2020

Schedule I Form No.39-A

ଖତିୟାନ

ମୌଜା : ରାଇଡ଼ିହା
ଥାନା : କାଞ୍ଜୁପାଣି
ଥାନା ନମ୍ବର : 99

ତହସିଲ : ବାଂଶପାଳ
ତହସିଲ ନମ୍ବର : 05
ଜିଲ୍ଲା : କେନ୍ଦୁଝର

ଜମିଦାରଙ୍କ ନାମ ଓ ଖେୱାଟ ବା ଖତିୟାନର କ୍ରମିକ ନମ୍ବର	ଓଡିଶା ସରକାର ପ୍ରଥମ ଭାଗ ଖେୱାଟ ନମ୍ବର 1					
1) ଖତିୟାନର କ୍ରମିକ ନମ୍ବର	35/1					
2) ପ୍ରଜାର ନାମ, ପିତାର ନାମ, ଜାତି ଓ ବାସସ୍ଥାନ	ଓଡିଶା ବନ ବିଭାଗ					
3) ସ୍ୱତ୍ୱ						
4) ଦେୟ :	ଜଳକର	ଖଜଣା	ସେସ୍	ନିସ୍ତାର ସେସ୍ ଓ ଅନ୍ୟାନ୍ୟ ସେସ୍ ଯଦି କିଛି ଥାଏ	ମୋଟ	5) କ୍ରମବର୍ଦ୍ଧନଶୀଳ ଖଜଣାର ବିବରଣୀ
6) ବିଶେଷ ଅନୁସଙ୍ଗ ଯଦି କିଛି ଥାଏ	Rev. Misc. Case No 05/2009 ହୁ. ମୁ. ଖାତା ନଂ 35/1 ର 6 ଖାନାରେ ଥିବା ସ ର୍ଭ ଖାରଜ କରାଗଲା । Alienation Case No 6/2019 ହୁ.ମୁ ପ୍ଲଟ ନଂ 136 ରକବା ହେ 9.2310, ପ୍ଲଟ ନଂ 137 ରକବା ହେ 15.2000, ପ୍ଲଟ ନଂ 138/338 ରକବା ହେ 15.7472, ପ୍ଲଟ ନଂ 139/339 ରକବା ହେ 6.6602, ପ୍ଲଟ ନଂ 295/340 ରକବା ହେ 4.3866 ଖାରଜ କରି ପୁରାତନ ଖାତା 34 ରୁ ।					
BLANK SPACE FOR STAMPING						
ଅନ୍ତିମ ପ୍ରକାଶନ ତାରିଖ - ଖଜଣା ଧାର୍ଯ୍ୟ ତାରିଖ -						

ରାଷ୍ଟ୍ରୀୟ ସୂଚନା ବିଜ୍ଞାନ କେନ୍ଦ୍ର 17/12/2020 12:32:58 IP :10.194.35.30

ଖତିୟାନର କ୍ରମିକ ନଂ : 35/1		ମୌଜା : ରାଇଡ଼ିହା				ଜିଲ୍ଲା : କେନ୍ଦୁଝର
ପ୍ଲଟ ନମ୍ବର ଓ ଚକର ନାମ	କିସମ ଓ ପ୍ଲଟର ଖଜଣା	କିସମର ବିସ୍ତାରିତ ବିବରଣୀ ଓ ଚୌହଦି	ରକବା			ମନ୍ତବ୍ୟ
			ଏ.	ଡି.	ହେକ୍ଟର	
7	8	9	10		11	12
130/327	ପର୍ବତ ଦୁଇ				7.6164	ବୁଢେଇ ଯୋଡା, ଏଲ, ଆଇ, ଲେସନ, କେ: ନଂ:, 2/92ର ହୁକୁମ ମୁତାବକ, ଖା35ଟାରୁ ଖାରଜ କରାଗଲା।
295/330	ପର୍ବତ ଦୁଇ		23	500	9.5100	ଆଲାଇନେସନ କେ. ନଂ 2/2008 ., ହୁ. ମୁ. ଖା. ଖା. 35 ରୁ
297	ପର୍ବତ ଦୁଇ		23	722	9.6000	ଯୋଗି ଟୁଙ୍ଗର ଆଲାଇନେସନ, କେ. ନଂ 1/2008 ହୁ. ମୁ. ଖା., ଖା. 35 ରୁ
296	ପର୍ବତ ଦୁଇ		26	490	10.7200	ଯୋଗି ଟୁଙ୍ଗର ଆଲାଇନେସନ, କେ. ନଂ 1/2008 ହୁ. ମୁ. ଖା., ଖା. 35 ରୁ
136/331	ପର୍ବତ ଦୁଇ		17	122	6.9290	Alienation Case No 04/2010, ହୁ. ମୁ. ଖା. ଖା. 35 ରୁ ।
135	ପର୍ବତ ଦୁଇ		35	509	14.3700	ବୁଢେଇ ଯୋଡା Alienation Case, No 04/2010 ହୁ. ମୁ. ଖା. ଖା., 35 ରୁ ।
134	ପର୍ବତ ଦୁଇ		37	560	15.2000	ବୁଢେଇ ଯୋଡା Alienation Case, No 04/2010 ହୁ. ମୁ. ଖା. ଖା., 35 ରୁ ।
136	ପର୍ବତ ଦୁଇ		22	810	9.2310	Rev MIsc. Case No 6/2019 ହୁ.ମୁ ପ୍ଲଟ ନଂ 136 ରୁ ରକବା ହେ 9.2310 ଖା.ଖା 35 ରୁ ।
137	ପର୍ବତ ଦୁଇ		37	560	15.2000	Rev MIsc. Case No 6/2019 ହୁ.ମୁ ପ୍ଲଟ ନଂ 137 ରୁ ରକବା ହେ 15.2000 ଖା.ଖା 35 ରୁ ।
138/338	ପର୍ବତ ଦୁଇ		38	910	15.7472	Rev MIsc. Case No 6/2019 ହୁ.ମୁ ପ୍ଲଟ ନଂ 138 ରୁ ରକବା ହେ 15.7472 ଖା.ଖା 35 ରୁ ।
139/339	ପର୍ବତ ଦୁଇ		16	457	6.6602	Rev MIsc. Case No 6/2019 ହୁ.ମୁ ପ୍ଲଟ ନଂ 139 ରୁ ରକବା ହେ 6.6602 ଖା.ଖା 35 ରୁ ।
295/340	ପର୍ବତ ଦୁଇ		10	839	4.3866	Rev MIsc. Case No

						6/2019 ହୁ.ମୁ ପ୍ଲଟ ନଂ 295 ରୁ ଉକବା ହେ 4.3866 ଖା.ଖା 35 ରୁ ।
12 plots			290	480	125.1704	

ରାଷ୍ଟ୍ରୀୟ ସୂଚନା ବିଜ୍ଞାନ କେନ୍ଦ୍ର 17/12/2020 12:34:22 IP :10.194.35.30

GOVERNMENT OF ODISHA
FOREST & ENVIRONMENT DEPARTMENT
*****

NOTIFICATION

No.FE-DIV-FLD-0076-2021 10464 /F&E Dated. 11-06-2021
10F (Cons) 108/2018

In exercise of the powers conferred under Section 33 of the Odisha Forest Act 1972 (Odisha Act 14 of 1972), the State Government do hereby declare that the following land situated in Village– Raidiha under Banspal Tahsil in the District of Keonjhar mutated and transferred in favour of Forest & Environment Department for the purpose of raising compensatory afforestation thereon against the proposed diversion of 345.180 ha. of forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, Odisha vide in-principle approval order No.8-46/2018-FC did.31.01.2019 of Government of India, Ministry of Environment, Forests & Climate Change (FC Division) under Section 2 of the Forest (Conservation) Act, 1980, the limits of which are specified below and the area of which is 51.225 ha (126.5775 acres), shall be Protected Forest with effect from the date of issue of the Notification and shall be known as **"Raidiha Protected Forest"**

Forest Block:

Name of the Protected Forest	:	Raidiha Protected Forest
Area in Ha	:	51.225 ha
Area in acres	:	126.5775 Ac.
Name of the Village	:	Raidiha
Name of the Police Station	:	Kanjupani
Name of the Tahasil	:	Banspal
Name of the Sub-Division	:	Keonjhar
Name of the District	:	Keonjhar

Land Schedule:

Village	Khata No.	Plot No.	Kissam	Total area in Ac.	Boundary Description (Plot Nos. existing)			
					North	South	East	West
		Patch-I						
Raidiha	35/1	136	Parbata-II	22.8103	Plot No. 136(P)	Plot No. 137	Gonasika Village	Plot No. 138/338
		137		37.560	Plot No. 136	Plot No. 139/339	Gonasika Village	Plot No.138/338 & 139/339
		138/338		38.910	Plot No. 135	Plot No. 139/339, 139(P)	Plot No.136 & 137	Plot No. 134 & 138(P)
		139/339		16.4577	Plot No. 137 & 138/338	Plot No. 139 (P) & 158 (Nala)	Gonasika Village	Plot No. 139(P)
		Patch-II						
		295/340	Parbata-II	10.8395	Plot No. 178 & 192	Plot No. 295(P)	Plot No. 292 & 295 (P)	Village Talapada
			Total	126.5775 Ac (51.225 ha)				

By Order of the Governor

(DR. MONA SHARMA)
Additional Chief Secretary to Government

By e:mail: deputydirectorpp@rediffmail.com

Memo No. 10465 /F&E Date 11-06-2021

Copy with copy of soft copy (in CD form) forwarded to the Director of Printing, Stationery and Publication, Odisha Cuttack for publication in an extra-ordinary issue of the Odisha Gazette and supply 10 copies of printed notification each to F&E Deptt./Director of Land Records and Surveys, Odisha, Cuttack/ Collector, Keonjhar/ D.F.O., Keonjhar Forest Division /Tahasildar-Banspal, Dist-Keonjhar.

2. The Notification is statutory and may be assigned SRO number.

Special Secretary to Government

Memo No. 10466 /F&E Date 11-06-2021

Copy forwarded to the Assistant Inspector General of Forests, Govt. of India, Ministry of Environment & Forest and Climate Change, (F.C. Division), Indira Paryavaran Bhawan, Jor Bagh, Aliganj Road, New Delhi-110003/ Deputy Director General of Forests (Central), Govt. of India, MoEF&CC, Integrated Regional Office, A/3, Chandrasekharpur, Bhubaneswar-23 for information and necessary action.

Special Secretary to Government

Memo No. 10467 /F&E Date 11-06-2021

Copy forwarded to the Revenue & Disaster Management Deptt./ Director of Land Records and Survey, Odisha, Cuttack/ R.D.C.(N.D) Sambalpur, Dist-Sambalpur/ Collector, Keonjhar/ Tahasildar-Banspal, Dist-Keonjhar for information and necessary action.

Special Secretary to Government

Memo No. 10468 /F&E Date 11-06-2021

Copy forwarded to the Principal Chief Conservator of Forests, Odisha Bhubaneswar/ Principal Chief Conservator of Forests (Forest Diversion) & Nodal Officer, FC Act O/o the PCCF, Odisha/ Regional Chief Conservator of Forests, Rourkela Circle/ D.F.O., Keonjhar Forest Division for information and necessary action.

Special Secretary to Government

Memo No. 10469 /F&E Date 11-06-2021

Copy forwarded to the O.I.C., State Portal, N.I.C., I.T. Department, Odisha Secretariat, Bhubaneswar for information and necessary action/ (5 spare copies for G.F).

Special Secretary to Government

Memo No. 10470 /F&E Date 11/06/2021

Copy forwarded to the Under Secretary to Government, Office Establishment Section, F&E Department for information and necessary action with reference to their letter No.21646/F&E Dt. 22.11.2016.

Special Secretary to Government

Schedule I Form No.39-A

ଖତିୟାନ

ମୌଜା : ଫୁଲଝର

ଥାନା : ନୟାଜୋଟ

ଥାନା ନମ୍ବର : 44

ତହସିଲ : ବାଂଶପାଳ

ତହସିଲ ନମ୍ବର : 05

ଜିଲ୍ଲା : କେନ୍ଦୁଝର

ଜମିଦାରଙ୍କ ନାମ ଓ ଖେୱାଟ ବା ଖତିୟାନର କ୍ରମିକ ନମ୍ବର	ଓଡିଶା ସରକାର ପ୍ରଥମ ଭାଗ ଖେୱାଟ ନମ୍ବର 1
୧)ଖତିୟାନର କ୍ରମିକ ନଂ	154/2
୨) ପ୍ରଜାର ନାମ, ପିତାର ନାମ , ଜାତି ଓ ବାସସ୍ଥାନ	ରାଜ୍ୟ ଜଙ୍ଗଲ ଓ ପରିବେଶ ବିଭାଗ, ଓଡିଶା । ।

୩)ସ୍ୱତ୍ୱ						
୪)ଦେୟ	ଜଳକର	ଖଜଣା	ସେସ	ନିସ୍ତାର ସେସ ଓ ଅନ୍ୟାନ୍ୟ ସେସ ଯଦି କିଛି ଥାଏ	ମୋଟ	୫) କ୍ରମବର୍ଦ୍ଧନଶୀଳ ଖଜଣାର ବିବରଣୀ
	0.00	0.00	0.00	0.00	0.00	

୬) ବିଶେଷ ଅନୁପଙ୍ଗ ଯଦି କିଛି ଥାଏ	Alienation case No- 5/2019 ହୁକୁମ ମୁତାବକ ପ୍ଲଟ ନଂ 1836/2807 ହେ. 3.8230, ପ୍ଲଟ ନଂ 1945/2808 ହେ. 10.0860,ପ୍ଲଟ ନଂ 1946/2809 ହେ. 15.5680,ପ୍ଲଟ ନଂ 1969/2810 ହେ. 12.3440, ପ୍ଲଟ ନଂ 1970/2811 ହେ. 4.5360 ପୂର୍ବତନ ଖାତା 153 ରୁ ।

BLANK SPACE FOR STAMPING

ଅନ୍ତିମ ପ୍ରକାଶନ ତାରିଖ :

ଖଜଣା ଧାର୍ଯ୍ୟ ତାରିଖ :

ଖତିୟାନର କ୍ରମିକ ନଂ : 154/2		ମୌଜା : ଫୁଲଝର				ଜିଲ୍ଲା : କେନ୍ଦୁଝର
ପ୍ଲଟ ନମ୍ବର ଓ ଚକର ନାମ	କିସମ ଓ ପ୍ଲଟର ଖଜଣା	କିସମଗତ ବିଭାଜିତ ବିବରଣୀ ଓ ମୌହଦି	ରକବା			ମନ୍ତବ୍ୟ
			ଏକର	ଡ଼ି	ହେକ୍ଟର	
୨	୮	୯	୧୦		୧୧	୧୨
1836/2807	ପର୍ବତ ଦୂଇ		9	471	3.8330	Rev.Misc. Case No. 5/2019 ଦୁ.ମୁ. ପ୍ଲଟ ନଂ 1836 ରୁ ରକବା ହେ 3.8330 ଖା.ଖା. 154 ରୁ ।
1945/2808	ପର୍ବତ ଦୂଇ		24	920	10.0860	Rev.Misc. Case No. 5/2019 ଦୁ.ମୁ. ପ୍ଲଟ ନଂ 1945 ରୁ ରକବା ହେ 10.0860 ଖା.ଖା. 154 ରୁ ।
1946/2809	ପର୍ବତ ଦୂଇ		38	540	15.5980	Rev.Misc. Case No. 5/2019 ଦୁ.ମୁ. ପ୍ଲଟ ନଂ 1946 ରୁ ରକବା ହେ 15.5980 ଖା.ଖା. 154 ରୁ ।
1969/2810	ପର୍ବତ ଦୂଇ		30	500	12.3440	Rev.Misc. Case No. 5/2019 ଦୁ.ମୁ. ପ୍ଲଟ ନଂ 1969 ରୁ ରକବା ହେ 12.3440 ଖା.ଖା. 154 ରୁ ।
1970/2811	ପର୍ବତ ଦୂଇ		11	200	4.5360	Rev.Misc. Case No. 5/2019 ଦୁ.ମୁ. ପ୍ଲଟ ନଂ 1970 ରୁ ରକବା ହେ 4.5360 ଖା.ଖା. 154 ରୁ ।
5 ପ୍ଲଟ			114	631	46.3970	

GOVERNMENT OF ODISHA
FOREST & ENVIRONMENT DEPARTMENT
*****

NOTIFICATION

No.FE-DIV-FLD-0076-2021 1073 /F&E Dated. 11-06-2021
10F (Cons) 108/2018

In exercise of the powers conferred under Section 33 of the Odisha Forest Act 1972 (Odisha Act 14 of 1972), the State Government do hereby declare that the following land situated in Village– Fuljhar under Banspal Tahsil in the District of Keonjhar mutated and transferred in favour of Forest & Environment Department for the purpose of raising compensatory afforestation thereon against the proposed diversion of 345.189 ha. of forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, Odisha vide in-principle approval order No.8-46/2018-FC dtd.31.01.2019 of Government of India, Ministry of Environment, Forests & Climate Change (FC Division) under Section 2 of the Forest (Conservation) Act, 1980, the limits of which are specified below and the area of which is 46.397 ha (114.631 acres), shall be Protected Forest with effect from the date of issue of the Notification and shall be known as "**Fuljhar Protected Forest**"

Forest Block:

Name of the Protected Forest	:	Fuljhar Protected Forest
Area in Ha	:	46.397 ha
Area in acres	:	114.631 Ac.
Name of the Village	:	Fuljhar
Name of the Police Station	:	Nayakote
Name of the Tahasil	:	Banspal
Name of the Sub-Division	:	Keonjhar
Name of the District	:	Keonjhar

Land Schedule:

Village	Khata No.	Plot No.	Mauza	Total area in Ac.	Boundary Description (Plot Nos. existing)			
					North	South	East	West
Fuljhar	154/2	1836/2807	Parbata-II	9.471	Plot No. 1830	Plot No. 1836 (P)	Plot No. 1945/2808	Plot No 1836(P)
		1945/2808		24.920	Plot No. 1830	Plot No.1945 (P), 1942, 1943	Plot No. 1946/2809	Plot No. 1836/2807
		1946/2809		38.540	Plot No.1830 & Sankari Village	Plot No.1946 (P), 1950, 1954	Plot No. 1969/2810	Plot No. 1945/2808
		1969/2810		30.500	Sankari Village	Plot No.1969 (P), 1961, 1968	Plot No. 1970/2811	Plot No. 1946/2809
		1970/2811		11.200	Kusumita Village	Plot No.1970 (P), 1971 & Kusumita Village	Kusumita Village	Plot No. 1969/2810
			Total	114.631 Ac (46.397 ha)				

By Order of the Governor

(DR. MONA SHARMA)
Additional Chief Secretary to Government

By e.mail: deputydirectorpp@rediffmail.com
Memo No. 10479 /F&E Date 11-06-2021

Copy with copy of soft copy (in CD form) forwarded to the Director of Printing, Stationery and Publication, Odisha Cuttack for publication in an extra-ordinary issue of the Odisha Gazette and supply 10 copies of printed notification each to F&E Deptt./Director of Land Records and Surveys, Odisha, Cuttack/ Collector, Keonjhar/ D.F.O., Keonjhar Forest Division /Tahasildar-Banspal, Dist-Keonjhar.

2. The Notification is statutory and may be assigned SRO number.

Special Secretary to Government

Memo No. 10480 /F&E Date 11-06-2021

Copy forwarded to the Assistant Inspector General of Forests, Govt. of India, Ministry of Environment & Forest and Climate Change, (F.C. Division), Indira Paryavaran Bhawan, Jor Bagh, Aliganj Road, New Delhi-110003/ Deputy Director General of Forests (Central), Govt. of India, MoEF&CC, Integrated Regional Office, A/3, Chandrasekharpur, Bhubaneswar-23 for information and necessary action.

Special Secretary to Government

Memo No. 10481 /F&E Date 11-06-2021

Copy forwarded to the Revenue & Disaster Management Deptt./ Director of Land Records and Survey, Odisha, Cuttack/ R.D.C.(N.D) Sambalpur, Dist-Sambalpur/ Collector, Keonjhar/ Tahasildar-Banspal, Dist-Keonjhar for information and necessary action.

Special Secretary to Government

Memo No. 10482 /F&E Date 11-06-2021

Copy forwarded to the Principal Chief Conservator of Forests, Odisha Bhubaneswar/ Principal Chief Conservator of Forests (Forest Diversion) & Nodal Officer, FC Act O/o the PCCF, Odisha/ Regional Chief Conservator of Forests, Rourkela Circle/ D.F.O., Keonjhar Forest Division for information and necessary action.

Special Secretary to Government

Memo No. 10483 /F&E Date 11-06-2021

Copy forwarded to the O.I.C., State Portal, N.I.C., I.T. Department, Odisha Secretariat, Bhubaneswar for information and necessary action/ (5 spare copies for G.F).

Special Secretary to Government

Memo No. 10484 /F&E Date 11-06-2021

Copy forwarded to the Under Secretary to Government, Office Establishment Section, F&E Department for information and necessary action with reference to their letter No.21646/F&E Dt. 22.11.2016.

Special Secretary to Government

(11)

114

Schedule I Form No.39-A

ଖତିୟାନ

ମୌଜା : ଶିକୁକାପଦା

ଥାନା : କାଞ୍ଜୁପାଣି

ଥାନା ନମ୍ବର : 98

ତହସିଲ : ବାଂଶପାଳ

ତହସିଲ ନମ୍ବର : 05

ଜିଲ୍ଲା : କେନ୍ଦୁଝର

ଜମିଦାରଙ୍କ ନାମ ଓ ଖେୱାଟ ବା ଖତିୟାନର କ୍ରମିକ ନମ୍ବର	ଓଡିଶା ସରକାର ପ୍ରଥମ ଭାଗ ଖେୱାଟ ନମ୍ବର 1
୧)ଖତିୟାନର କ୍ରମିକ ନଂ	1/1
୨) ପ୍ରଜାର ନାମ, ପିତାର ନାମ , ଜାତି ଓ ବାସସ୍ଥାନ	ଗାଙ୍ଗ୍ୟ ଜଙ୍ଗଲ ଓ ପରିବେଶ ବିଭାଗ, ଓଡିଶା ।

୩)ସ୍ୱତ୍ୱ						
୪)ଦେୟ	ଉଳକର	ଖଜଣା	ସେସ	ନିସ୍ତାର ସେସ ଓ ଅନ୍ୟାନ୍ୟ ସେସ ଯଦି କିଛି ଥାଏ	ମୋଟ	୫) କ୍ରମବର୍ଦ୍ଧନଶୀଳ ଖଜଣାର ବିବରଣୀ
	0.00	0.00	0.00	0.00	0.00	

୬) ବିଶେଷ ଅନୁସଙ୍ଗ ଯଦି କିଛି ଥାଏ	Alienation Case No - 7/2019 ହୁ.ମୁ. ପ୍ଲଟ ନଂ 10 ରକବା ହେ 16.0000, ପ୍ଲଟ ନଂ 11/369 ରକବା ହେ 11.7000, ପ୍ଲଟ ନଂ176/370 ରକବା ହେ 17.2580,ପ୍ଲଟ ନଂ317/371 ରକବା ହେ 17.1000 ଖାରଜ କରି ପୁରାତନ ଖାତା ନଂ 50 ରୁ ।

BLANK SPACE FOR STAMPING

ଅନ୍ତିମ ପ୍ରକାଶନ ତାରିଖ :

ଖଜଣା ଧାର୍ଯ୍ୟ ତାରିଖ :

05/08/2020

ରାଷ୍ଟ୍ରୀୟ ସୂଚନା ବିଜ୍ଞାନ କେନ୍ଦ୍ର ,ଓଡିଶା

DRAUGHTSMAN

MUTATION

7/8/2020

ASSISTANT

24.08.2020

ଖତିୟାନର କ୍ରମିକ ନଂ : 1/1		ମୌଜା : ଶିକୁଡାପଦା				ଜିଲ୍ଲା : କେନ୍ଦୁଝର
ପ୍ଲଟ ନମ୍ବର ଓ ଚକଉ ...ାମ	ଜିସମ ଓ ପ୍ଲଟର ଖରଣା	ଜିସମର ବିସ୍ତାରିତ ବିବରଣୀ ଓ ଚୌହଦି	ରକବା			ମନ୍ତବ୍ୟ
			ଏକର	ଡି	ହେକ୍ଟର	
୨	୮	୯	୧୦		୧୧	୧୨
11/369	ପର୍ବତ ଜୁଇ		28	910	11.7000	Rev.Misc. Case No. 7/2019 ଜୁ.ମି. ପ୍ଲଟ ନଂ 11 ରୁ ରକବା ହେ 11.7000 ଗା.ଗା. 51 ରୁ।
176/370	ପର୍ବତ ଜୁଇ		42	640	17.2580	Rev.Misc. Case No. 7/2019 ଜୁ.ମି. ପ୍ଲଟ ନଂ 176 ରୁ ରକବା ହେ 17.2580ଗା.ଗା. 51 ରୁ।
317/371	ପର୍ବତ ଜୁଇ		42	250	17.1000	Rev.Misc. Case No. 7/2019 ଜୁ.ମି. ପ୍ଲଟ ନଂ 317 ରୁ ରକବା ହେ 17.1000 ଗା.ଗା. 51 ରୁ।
10	ପର୍ବତ ଜୁଇ		39	530	16.0000	Rev.Misc. Case No. 7/2019 ଜୁ.ମି. ପ୍ଲଟ ନଂ 10 ରୁ ରକବା ହେ 16.0000 ଗା.ଗା. 51 ରୁ।
4 ପ୍ଲଟ			153	330	62.0580	

GOVERNMENT OF ODISHA
FOREST & ENVIRONMENT DEPARTMENT
*****

NOTIFICATION

No.FE-DIV-FLD-0076-2021 1047 / F&E Dated. 11-06-2021
10F (Cons) 108/2018

In exercise of the powers conferred under Section 33 of the Odisha Forest Act 1972 (Odisha Act 14 of 1972), the State Government do hereby declare that the following land situated in Village– **Sinkulapada** under Banspal Tahsil in the District of Keonjhar mutated and transferred in favour of Forest & Environment Department for the purpose of raising compensatory afforestation thereon against the proposed diversion of 345.189 ha. of forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, Odisha vide in-principle approval order No.8-46/2018-FC dtd.31.01.2019 of Government of India, Ministry of Environment, Forests & Climate Change (FC Division) under Section 2 of the Forest (Conservation) Act, 1980, the limits of which are specified below and the area of which is 62.058 ha (153.330 acres), shall be Protected Forest with effect from the date of issue of the Notification and shall be known as **"Sinkulapada Protected Forest"**

Forest Block:

Name of the Protected Forest	:	Sinkulapada Protected Forest
Area in Ha	:	62.058 ha
Area in acres	:	153.330 Ac.
Name of the Village	:	Sinkulapada
Name of the Police Station	:	Kanjupani
Name of the Tahasil	:	Banspal
Name of the Sub-Division	:	Keonjhar
Name of the District	:	Keonjhar

Land Schedule:

Village	Khata No.	Plot No.	Kissam	Total area in Ac.	Boundary Description (Plot Nos. existing)			
					North	South	East	West
		Patch-I						
Sinkulapada	1/1	11/369	Parbata-II	28.910	Plot No. 11(P)	Plot No. 317/371	Plot No. 84 & 11(P)	Plot No.3
		317/371		42.250	Plot No. 11/369	Raidiha Village	Plot No. 316, 318, 319, 321, 317(P)	Plot No.9 & 10
		10		39.530	Plot No. 3 & 4	Plot No. 9	Plot No. 317/371	Plot No.5
		Patch-II						
		176/370		42.640	Plot No. 25	Plot No. 176(P)	Plot No. 180 & 177 (Village road)	Plot No. 26, 41, 44, 45, 46, 48, 49, 51, 135(road), 136, 137, 138, 139, 140, 141, 149, 150, 159, 160, 163, 164, 168 & 169
			Total	153.330 Ac (62.058 ha)				

By Order of the Governor

(DR. MONA SHARMA)
Additional Chief Secretary to Government

By e:mail: deputydirectorpp@rediffmail.com

Memo No. 10472 /F&E Date 11-06-2021

Copy with copy of soft copy (in CD form) forwarded to the Director of Printing, Stationery and Publication, Odisha Cuttack for publication in an extra-ordinary issue of the Odisha Gazette and supply 10 copies of printed notification each to F&E Deptt./Director of Land Records and Surveys, Odisha, Cuttack/ Collector, Keonjhar/ D.F.O., Keonjhar Forest Division /Tahasildar-Banspal, Dist-Keonjhar.

2. The Notification is statutory and may be assigned SRO number.

Special Secretary to Government

Memo No. 10473 /F&E Date 11-06-2021

Copy forwarded to the Assistant Inspector General of Forests, Govt. of India, Ministry of Environment & Forest and Climate Change, (F.C. Division), Indira Paryavaran Bhawan, Jor Bagh, Aliganj Road, New Delhi-110003/ Deputy Director General of Forests (Central), Govt. of India, MoEF&CC, Integrated Regional Office, A/3, Chandrasekharpur, Bhubaneswar-23 for information and necessary action.

Special Secretary to Government

Memo No. 10474 /F&E Date 11-06-2021

Copy forwarded to the Revenue & Disaster Management Deptt./ Director of Land Records and Survey, Odisha, Cuttack/ R.D.C.(N.D) Sambalpur, Dist-Sambalpur/ Collector, Keonjhar/ Tahasildar-Banspal, Dist-Keonjhar for information and necessary action.

Special Secretary to Government

Memo No. 10475 /F&E Date 11-06-2021

Copy forwarded to the Principal Chief Conservator of Forests, Odisha Bhubaneswar/ Principal Chief Conservator of Forests (Forest Diversion) & Nodal Officer, FC Act O/o the PCCF, Odisha/ Regional Chief Conservator of Forests, Rourkela Circle/ D.F.O., Keonjhar Forest Division for information and necessary action.

Special Secretary to Government

Memo No. 10476 /F&E Date 11-06-2021

Copy forwarded to the O.I.C., State Portal, N.I.C., I.T. Department, Odisha Secretariat, Bhubaneswar for information and necessary action/ (5 spare copies for G.F).

Special Secretary to Government

Memo No. 10477 /F&E Date 11-06-2021

Copy forwarded to the Under Secretary to Government, Office Establishment Section, F&E Department for information and necessary action with reference to their letter No.21646/F&E Dt. 22.11.2016.

Special Secretary to Government

Khandbandh.

(123)

Certified Copy of RoR under Kh.No. 1921/2 [illegible]

PS. Th. Rampur as required by Sri Narendra Negi Hinjilibahal Camp, Junagarh - The Odisha mining Corporation Ltd. as per Current Settlement.

ଖତିଆନ

ମୌଜା ଦିଲଙ୍ଗ୍ୟ
ଥାନା ଥୁଆସୁଲ ରାମସୁର
ଥାନା ନମ୍ବର ୩୩

ତହସିଲ ଥୁଆସୁଲ ରାମସୁର
ତହସିଲ ନମ୍ବର ୩୩
ଜିଲ୍ଲା ଜଜନାଗୁଡ଼ି

ଜମିଦାରଙ୍କ ନାମ ଓ ଖେୱାଟ ବା ଖତିଆନର ନମ୍ବର	ଓଡ଼ିଶା ସରକାର ୧
୧) ଖତିଆନର କ୍ରମିକ ନମ୍ବର	} ୧୨୨/୧
୨) ପ୍ରଜାର ନାମ, ପିତାଙ୍କ ନାମ, ଜାତି ଓ ବାପଘାନ	ଜଙ୍ଗଲ ଓ ପରିବେଶ ବିଭାଗ, ସାର୍ବତ ଜନଧନ ଅଧିକାରୀ, ଜଜନାଗୁଡ଼ି ଜିଲ୍ଲା ଜଜନ

୩) ସ୍ୱତ୍ୱ }

	ଜଳ କର	ଖଜଣା	ସେସ୍	ନିସ୍ତାର ସେସ୍ ଓ ଅନ୍ୟାନ୍ୟ ସେସ୍ ଯଦି କିଛି ଥାଏ	ମୋଟ	୫) କ୍ରମବର୍ଦ୍ଧନଶୀଳ ଖଜଣାର ବିବରଣୀ
୪) ଦେୟ						

୬) ବିଶେଷ ଅନୁସନ୍ଧ ଯଦି କିଛି ଥାଏ	

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Examined & Compared by me
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Examiner & Comparer

ସ୍ଥାନ ନମ୍ବର ଓ ଚଳର ନାମ	କିସମ	କିସମର ବିସ୍ତାରିତ ବିବରଣ ଓ ଚୌହଦି	ରକବା ଏ:	ରକବା ଡ଼ି:	ଦେ	
୧୦୨ / ୧୨୨୩	ଜଙ୍ଗଲ		୧୧	୦୦		ଏଇ କେସନ କେସ ନଂ ୨/୨୦୧୪ ମତେ O.M.C Ltd ରୁ ଦିଆଯାଇଥିବା ଜମିଆ ଜମି ଏଗିଡ଼ିକରୁ ଦିଆଯାଉଛି Compensatory afforestation
୧			୧୧	୦୦		ମାଲା ଜିଲ୍ଲାପାଲ କଳାଛାଉଣି ଓ ୧୨.୨.୧୪ ଆଦେଶ ମତେ ଆ: ନଂ ୧୨୧ ରୁ ଧରିଲି ।
						— Sd/- Tahsildar. Th. Rampur

Government of Odisha
Forest & Environment Department
*****

NOTIFICATION

No.FE-DIV-FLD-0076-2021 10429 / F&E Dated 11-06-2021
10F (Cons) 108/2018

In exercise of the powers conferred under Section 33 of the Odisha Forest Act 1972 (Odisha Act 14 of 1972), the State Government do hereby declare that the following land situated in Village Balangi under Thuamul Rampur Tahasil in the District of Kalahandi mutated and transferred in favour of Forest & Environment Department for the purpose of raising compensatory afforestation thereon against the proposed diversion of 345.189 ha. of forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, Odisha vide in-principle approval order No.8-46/2018-FC dtd.31.01.2019 of Government of India, Ministry of Environment, Forests & Climate Change (FC Division) under Section 2 of the Forest (Conservation) Act, 1980, the limits of which are specified below and the area of which is 11.00 ha (27.18 acres), shall be Protected Forest with effect from the date of issue of the Notification and shall be known as "Balangi Protected Forest".

Forest Block:

Name of the Protected Forest	:	Balangi Protected Forest
Area in Ha	:	11.00 ha
Area in acres	:	27.18 acres
Name of the Village	:	Balangi
Name of the Police Station	:	Thuamul Rampur
Name of the Tahasil	:	Thuamul Rampur
Name of the Sub-Division	:	Bhawanipatna
Name of the District	:	Kalahandi

Land Schedule:

Village	Khata No.	Plot No.	Kissam	Total area in Ac.	Boundary description			
					North	South	East	West
Balangi	122/1	196	Dangar	27.18	Plot No. 197	Plot No.171 & 186	Plot No.196 (P) & 187	Plot No. 163 & 167
			Total	27.18 Ac (11.00 ha)				

By Order of the Governor

(DR. MONA SHARMA)
Additional Chief Secretary to Government

By e.mail: deputydirectorpp@rediffmail.com
Memo No. 10430 /F&E Date 11.06.2021

Copy with copy of soft copy (in CD form) forwarded to the Director of Printing, Stationery and Publication, Odisha Cuttack for publication in an extra-ordinary issue of the Odisha Gazette and supply 10 copies of printed notification each to F&E Deptt./Director of Land Records and Surveys, Odisha, Cuttack/ Collector, Kalahandi/ D.F.O., Kalahandi South Division/Tahasildar-Thuamul Rampur, Dist-Kalahandi.

2. The Notification is statutory and may be assigned SRO number.

Special Secretary to Government

Memo No. 10431 /F&E Date 11.06.2021

Copy forwarded to the Assistant Inspector General of Forests, Govt. of India, Ministry of Environment & Forest and Climate Change, (F.C. Division), Indira Paryavaran Bhawan, Jor Bagh, Aliganj Road, New Delhi-110003/ Deputy Director General of Forests (Central), Govt. of India, MoEF&CC, Integrated Regional Office, A/3, Chandrasekharpur, Bhubaneswar-23 for information and necessary action.

Special Secretary to Government

Memo No. 10432 /F&E Date 11.06.2021

Copy forwarded to the Revenue & Disaster Management Deptt./ Director of Land Records and Survey, Odisha, Cuttack/ R.D.C.(S.D) Berahampur, Dist-Ganjam/ Collector, Kalahandi/ Tahasildar-Thuamul Rampur, Dist-Kalahandi for information and necessary action.

Special Secretary to Government

Memo No. 10433 /F&E Date 11.06.2021

Copy forwarded to the Principal Chief Conservator of Forests, Odisha, Bhubaneswar/ Principal Chief Conservator of Forests (Forest Diversion) & Nodal Officer, FC Act O/o the PCCF, Odisha/ Regional Chief Conservator of Forests, Bhawanipatna Circle/ D.F.O., Kalahandi (South) Division for information and necessary action.

Special Secretary to Government

Memo No. 10434 /F&E Date 11.06.2021

Copy forwarded to the Head, State Portal, I.T. Centre, Odisha Secretariat, Bhubaneswar for information and necessary action/ (5 spare copies for G.F).

Special Secretary to Government

Memo No. 10435 /F&E Date 11.06.2021

Copy forwarded to the Under Secretary to Government, Office Establishment Section, F&E Department for information and necessary action with reference to their letter No.21646/F&E dtd.22.11.2016.

Special Secretary to Government

Schedule I—Form No.38-A

ଖତିଆନ

ମୌଜା ଜେରୁପାଲି
ଥାନା ଅଠମଲିକ ସବ୍‌ଡିଭିଜନ
ଥାନା ନମ୍ବର ୨୪୩

ତହସିଲ ଅଠମଲିକ ସବ୍‌ଡିଭିଜନ
ତହସିଲ ନମ୍ବର ୨୪୩
ଜିଲ୍ଲା କଟକ ସଦର

ଜମିଦାରଙ୍କ ନାମ ଓ ଖେୱାଟ ବା ଖତିଆନ ନମ୍ବର	ଓଡିଶା ସରକାର ୧
୧ । ଖତିଆନର କ୍ରମିକ ନମ୍ବର	୪୧/୧
୨ । ପ୍ରଜାଙ୍କ ନାମ, ପିତାଙ୍କ ନାମ, ଜାତି ଓ ବାସସ୍ଥାନ	କଙ୍ଗାଲ ଓ ପରିତ୍ୟକ୍ତ ସମ୍ପତ୍ତି ସମ୍ପର୍କିତ ଅଧିକାରୀ, କଟକ ସଦର ଦକ୍ଷିଣ କଟକ
୩ । ସ୍ୱତ୍ୱ	

	ଜଳକର	ଖଜଣା	ସେସ୍	ନିସ୍ତାର ସେସ୍ ଓ ଅନ୍ୟାନ୍ୟ ସେସ୍, ଯଦି କିଛି ଥାଏ	ମୋଟ୍	୫ । ପ୍ରମହର୍ଦ୍ଧନଶୀଳ ଖଜଣାର ବିବରଣୀ
୪ । ଦେୟ						

୬ । ବିଶେଷ ଅନୁଘଟ, ଯଦି କିଛି ଥାଏ

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ଉପରୋକ୍ତ ମୋକଦ୍ଦମା ନମ୍ବର ୪୧/୨୦୧୭ ର ୨ ତା. ୬୧୨ ଆଦେଶ ମତେ ୫୦ (ପଚାଶ) ଟଙ୍କା ମୂଲ୍ୟର ଷ୍ଟାମ୍ପ ୧ ଟି ଏବଂ ୨୫ ଟଙ୍କା ମୂଲ୍ୟର ଷ୍ଟାମ୍ପ ୧ ଟି ମୋଟ ୭୫ ଟଙ୍କା ମୂଲ୍ୟର ଷ୍ଟାମ୍ପ ଦାଖଲ କରାଯାଇଛି ।

ତାରିଖ ୨୦/୦୨/୨୦୧୭
ସ୍ୱ. ଥା:

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Schedule I--Form No. 39-B (Revised)

ଖତିଆନ (ଛେଉ)

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ଖତିଆନର ନମ୍ବର ୫୧/୧

ପ୍ଲଟ ନମ୍ବର ଓ ଚକର ନାମ	କିସମ	କିସମର ବିସ୍ତାରିତ ବିବରଣୀ ଓ ଚୌହଦି	ଚକବା				ମନ୍ତବ୍ୟ
			ହେକ୍ଟର	ବ. ମି.	ଏଜର	ଡେସିମିଲ୍	
୭	୮	୯	୧୦		୧୧		୧୨
୩୦୭/୪୮୬	[illegible]				୨୬	୨୦୨	[illegible]
୩୧୧	[illegible]				୨୦	୦୩	[illegible]
୩୬୫	[illegible]				୧୩	୨୩	[illegible]
୩୬୬	[illegible]				୨୩	୫୮	[illegible]
୩୬୭	[illegible]				୧୧	୭୫	[illegible]
୫					୨୫	୪୨୨	[illegible]

Binding Space

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Government of Odisha
Forest & Environment Department
*****

NOTIFICATION

No.FE-DIV-FLD-0076-2021 1096 /F&E Dated. 11-06-2024
10F (Cons) 108/2018

In exercise of the powers conferred under Section 33 of the Odisha Forest Act 1972 (Odisha Act 14 of 1972), the State Government do hereby declare that the following land situated in Village– Kerapai under Thuamul Rampur Tahasil in the District of Kalahandi mutated and transferred in favour of Forest & Environment Department for the purpose of raising compensatory afforestation thereon against the proposed diversion of 345.189 ha. of forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbendh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, Odisha vide in-principle approval order No.8-46/2018-FC dtd.31.01.2019 of Government of India, Ministry of Environment, Forests & Climate Change (FC Division) under Section 2 of the Forest (Conservation) Act, 1980, the limits of which are specified below and the area of which is 18.993 ha (46.932 acres), shall be Protected Forests with effect from the date of issue of the Notification and shall be known as **"Kerapai-A Protected Forest"**.

Forest Block:

Name of the Protected Forest	:	Kerapai-A Protected Forest
Area in Ha	:	18.993 ha
Area in acres	:	46.932 acres
Name of the Village	:	Kerapai
Name of the Police Station	:	Thuamul Rampur
Name of the Tahasil	:	Thuamul Rampur
Name of the Sub-Division	:	Bhawanipatna
Name of the District	:	Kalahandi

Land Schedule:

Village	Khata No.	Plot No.	Kissam	Total area in Ac.	Boundary description (Plot Nos. existing)			
					North	South	East	West
Kerapai	51/1	307/486	Dangar	26.902	Plot No. 307(P)	Plot No. 311	Plot No. 310	Tadadei Village
		311		20.03	Plot No. 307/486	Salabali village	Plot No. 312	Tadadei Village
			Total	46.932 Ac (18.993 ha)				

By Order of the Governor

(DR. MONA SHARMA)
Additional Chief Secretary to Government

By e:mail: deputydirectorpp@rediffmail.com
Memo No. 10437 /F&E Date 11-06-2021

Copy with copy of soft copy (in CD form) forwarded to the Director of Printing, Stationery and Publication, Odisha Cuttack for publication in an extra-ordinary issue of the Odisha Gazette and supply 10 copies of printed notification each to F&E Deptt./Director of Land Records and Surveys, Odisha, Cuttack/ Collector, Kalahandi/ D.F.O., Kalahandi South Division/Tahasildar-Thuamul Rampur, Dist-Kalahandi.

2. The Notification is statutory and may be assigned SRO number.

Special Secretary to Government

Memo No. 10438 /F&E Date 11-06-2021

Copy forwarded to the Assistant Inspector General of Forests, Govt. of India, Ministry of Environment & Forest and Climate Change, (F.C. Division), Indira Paryavaran Bhawan, Jor Bagh, Aliganj Road, New Delhi-110003/ Deputy Director General of Forests (Central), Govt. of India, MoEF&CC, Integrated Regional Office, A/3, Chandrasekharpur, Bhubaneswar-23 for information and necessary action.

Special Secretary to Government

Memo No. 10439 /F&E Date 11-06-2021

Copy forwarded to the Revenue & Disaster Management Deptt./ Director of Land Records and Survey, Odisha, Cuttack/ R.D.C.(S.D) Berahampur, Dist-Ganjam/ Collector, Kalahandi/ Tahasildar-Thuamul Rampur, Dist-Kalahandi for information and necessary action.

Special Secretary to Government

Memo No. 10440 /F&E Date 11-06-2021

Copy forwarded to the Principal Chief Conservator of Forests, Odisha, Bhubaneswar/ Principal Chief Conservator of Forests (Forest Diversion) & Nodal Officer, FC Act O/o the PCCF, Odisha/ Regional Chief Conservator of Forests, Bhawanipatna Circle/ D.F.O., Kalahandi (South) Division for information and necessary action.

Special Secretary to Government

Memo No. 10441 /F&E Date 11-06-2021

Copy forwarded to the Head, State Portal, I.T. Centre, Odisha Secretariat, Bhubaneswar for information and necessary action/ (5 spare copies for G.F).

Special Secretary to Government

Memo No. 10442 /F&E Date 11-06-2021

Copy forwarded to the Under Secretary to Government, Office Establishment Section, F&E Department for information and necessary action with reference to their letter No.21646/F&E dtd.22.11.2016.

Special Secretary to Government

Government of Odisha

Forest & Environment Department

*****

NOTIFICATION

No.FE-DIV-FLD-0076-2021 10465 / F&B Dated 11-06-2021

10F (Cons) 108/2018

In exercise of the powers conferred under Section 33 of the Odisha Forest Act 1972 (Odisha Act 14 of 1972), the State Government do hereby declare that the following land situated in Village- Kerapai under Thuamul Rampur Tahasil in the District of Kalahandi mutated and transferred in favour of Forest & Environment Department for the purpose of raising compensatory afforestation thereon against the proposed diversion of 345.189 ha. of forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khaudbandh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, Odisha vide in-principle approval order No.8-46/2018-FC dtd.31.01.2019 of Government of India, Ministry of Environment, Forests & Climate Change (FC Division) under Section 2 of the Forest (Conservation) Act, 1980, the limits of which are specified below and the area of which is 19.651 ha (48.56 acres), shall be Protected Forests with effect fromthe date of issue of the Notification and shall be known as "Kerapai-B Protected Forest".

Forest Block:

Name of the Protected Forest	:	Kerapai-B Protected Forest
Area in Ha	:	19.651 ha
Area in acres	:	48.56 acres
Name of the Village	:	Kerapai
Name of the Police Station	:	Thuamul Rampur
Name of the Tahasil	:	Thuamul Rampur
Name of the Sub-Division	:	Bhawanipatna
Name of the District	:	Kalahandi

Land Schedule:

Village	Khata No.	Plot No.	Kissam	Total area in Ac.	Boundary description (Plot Nos. existing)			
					North	South	East	West
Kerapai	51/1	365	Dangar	13.23	Plot No. 363	Plot No. 366 & 367	Plot No. 364	Taijhola Village
		366		23.58	Plot No. 365	Mohangiri PRF	Plot No. 367	Taijhola Village
		367		11.75	Plot No. 364 & 365	Mohangiri PRF	Mohangiri PRF	Plot No. 366
			Total	48.56Ac (19.651 ha)				

By Order of the Governor

(DR. MONA SHARMA)
Additional Chief Secretary to Government

By e:mail: deputydirectorpp@rediffmail.com

Memo No. 10447 /F&E Date 11-06-2021

Copy with copy of soft copy (in CD form) forwarded to the Director of Printing, Stationery and Publication, Odisha Cuttack for publication in an extra-ordinary issue of the Odisha Gazette and supply 10 copies of printed notification each to F&E Deptt./Director of Land Records and Surveys, Odisha, Cuttack/ Collector, Kalahandi/ D.F.O., Kalahandi South Division/Tahasildar-Thuamul Rampur, Dist-Kalahandi.

2. The Notification is statutory and may be assigned SRO number.

Special Secretary to Government

Memo No. 10445 /F&E Date 11-06-2021

Copy forwarded to the Assistant Inspector General of Forests, Govt. of India, Ministry of Environment & Forest and Climate Change, (F.C. Division), Indira Paryavaran Bhawan, Jor Bagh, Aliganj Road, New Delhi-110003/ Deputy Director General of Forests (Central), Govt. of India, MoEF&CC, Integrated Regional Office, A/3, Chandrasekharpur, Bhubaneswar-23 for information and necessary action.

Special Secretary to Government

Memo No. 10446 /F&E Date 11-06-2021

Copy forwarded to the Revenue & Disaster Management Deptt./ Director of Land Records and Survey, Odisha, Cuttack/ R.D.C.(S.D) Berahampur, Dist-Ganjam/ Collector, Kalahandi/ Tahasildar-Thuamul Rampur, Dist-Kalahandi for information and necessary action.

Special Secretary to Government

Memo No. 10447 /F&E Date 11-06-2021

Copy forwarded to the Principal Chief Conservator of Forests, Odisha, Bhubaneswar/ Principal Chief Conservator of Forests (Forest Diversion) & Nodal Officer, FC Act O/o the PCCF, Odisha/ Regional Chief Conservator of Forests, Bhawanipatna Circle/ D.F.O., Kalahandi (South) Division for information and necessary action.

Special Secretary to Government

Memo No. 10448 /F&E Date 11-06-2021

Copy forwarded to the Head, State Portal, I.T. Centre, Odisha Secretariat, Bhubaneswar for information and necessary action/ (5 spare copies for G.F).

Special Secretary to Government

Memo No. 10449 /F&E Date 11-06-2021

Copy forwarded to the Under Secretary to Government, Office Establishment Section, F&E Department for information and necessary action with reference to their letter No.21646/F&E dtd.22.11.2016.

Special Secretary to Government

Schedule I--Form No. 39-A (Revised)

ଝଡ଼ିଆନା

ମୌଜା ଚାକୁଣି ମୁଡା
ଥାନା ପୁରୀ ସଦର ମୁନସୁଫ୍
ଥାନା ନମ୍ବର ୧୫୨

ତହସିଲ ପୁରୀ ସଦର ମୁନସୁଫ୍
ତହସିଲ ନମ୍ବର ୧୫୨
ଜିଲ୍ଲା ପୁରୀ

ଜମିଦାରଙ୍କ ନାମ ଓ ଖେୱାଟ ବା ଝଡିଆନ ନମ୍ବର	ଓଡିଶା ସରକାର ୧
୧ । ଝଡିଆନର ଜମିକ ନମ୍ବର	୨୮/୧
୨ । ପ୍ରଜାଙ୍କ ନାମ, ପିତାଙ୍କ ନାମ, ଜାତି ଓ ବାସସ୍ଥାନ	ଜଙ୍କଲ୍ ଓ ପତିତେଲ ଜିଲ୍ଲା , ସାକିତ ଜନଲଣ୍ଡ ପୁରୀ ଜାଲୀ , ଜାତି ଜନଲଣ୍ଡ ।

୩ । ଜମି

	ଜରତର	ଜଗଲା	ଟେରା	ନିଷ୍ପାଦ ଟେରା ଓ ଅନାବାଦଯୋଗ୍ୟ ଟେରା ଯଦି କିଛି ଥାଏ	ମୋଟ	୪ । ପ୍ରଜାବର୍ଜନୀୟ ଖରଚାଦାର ବିବରଣୀ
୪ । ଟେରା						

୫ । ବିକ୍ରେତା ଅନୁସଚ, ଯଦି କିଛି ଥାଏ

BLANK SPACE FOR STAMPING

ଏହି ଜେରକ୍ସ କପି.ଙ୍କ. ୬୫୧୨ ତା. ୨୬-୧୦-୧୨ ତିଲ୍ଲାପାଲକଲି ଦାଖଲ ଆ.ଙ୍କ. ୭୪(ପି.ଗୋ.ପି)ର ଫଟୋ ୬୮/୨୦୧୬ ଦ୍ୱାରା ୬୪.୨୪ ଟଙ୍କା ଫି ନେଇ ଏହି ନକଲ ପ୍ରସ୍ତୁତ ହୋଇଥିଲା। (ଅଧିକାଂଶ ସାକ୍ଷରତା ଦେଖିବାକୁ)

ଅତିରିକ୍ତ ସବ୍ ରେଜିଷ୍ଟ୍ରାର

ଦୁଇ ନମ୍ବର ୨ ଜଣ ନାମ	ବିଷୟ	ବିଷୟର ବିଭାଗିତ ବିବରଣ ଓ ଶୋଧିତି	ଜମିବା				ଦ୍ରବ୍ୟ
			ଦେ:	ବ: ମି:	ଏକର	ଡେସିମିଲ୍	
୭	୮	୯	୧୦		୧		୧୨
୬୮/୩୦୬	ପତିତ				୫	୮୫	
୧					୫	୮୫	
୬୮	ପତିତ				୨୬	୦୦	
୧୪୮	ପତିତ				୪୦	୦୦	
୧୪୨	ପତିତ				୩୨	୭୫	
୧୫୦	ପତିତ				୩୫	୫୦	
୧୫୧	ପତିତ				୨୬	୦୦	
୧୫୨	ପତିତ				୨୪	୦୦	
୧୫୩	ପତିତ				୪୦	୦୦	
୬୦/୩୦	ପତିତ				୧୧	୦୦	
୬୧/୩୦୧	ପତିତ				୩୦	୦୦	

Binding Space

ଜୋଡିତ ଜେମେଣ୍ଟ ଜାଧନା, ଧିକିକ

GP(Forms) CTP--85--8,00,000--08-01-2018

ଦଲିଲ ନମ୍ବର ୬୩୫୫. ୨୦୧୫ ତା ୨୬-୦୩-୨୦୧୫ ମସ୍ତକ ଅଦାୟ ୨୪୫୦୦୦୍ ଟଙ୍କା

ଏଥର ଗଣିତ ୬୩୦୦୦, ଟଙ୍କା. ୧୬୨୧ ଗଣିତ ଷ୍ଟାମ୍ପଡ୍ୟୁଟି (ରେଜ୍ଞରୀ) ୮୩୨୦୍ ଟଙ୍କା, ଟଙ୍କା. ୧୫୫୦ ଗଣିତ ୬୫୦୦୦, ଟଙ୍କା. ୧୬୨୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୨୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୨୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୨୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୨୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୨୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୩୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୩୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୩୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୩୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୩୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୩୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୩୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୩୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୩୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୩୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୪୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୪୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୪୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୪୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୪୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୪୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୪୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୪୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୪୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୪୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୫୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୫୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୫୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୫୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୫୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୫୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୫୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୫୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୫୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୫୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୬୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୬୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୬୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୬୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୬୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୬୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୬୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୬୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୬୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୬୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୭୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୭୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୭୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୭୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୭୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୭୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୭୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୭୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୭୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୭୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୮୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୮୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୮୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୮୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୮୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୮୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୮୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୮୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୮୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୮୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୯୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୯୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୯୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୯୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୯୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୯୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୯୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୯୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୯୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୬୯୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୦୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୦୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୦୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୦୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୦୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୦୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୦୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୦୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୦୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୦୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୧୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୧୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୧୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୧୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୧୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୧୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୧୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୧୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୧୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୧୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୨୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୨୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୨୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୨୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୨୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୨୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୨୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୨୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୨୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୨୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୩୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୩୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୩୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୩୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୩୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୩୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୩୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୩୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୩୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୩୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୪୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୪୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୪୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୪୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୪୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୪୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୪୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୪୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୪୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୪୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୫୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୫୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୫୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୫୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୫୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୫୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୫୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୫୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୫୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୫୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୬୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୬୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୬୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୬୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୬୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୬୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୬୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୬୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୬୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୬୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୭୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୭୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୭୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୭୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୭୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୭୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୭୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୭୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୭୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୭୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୮୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୮୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୮୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୮୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୮୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୮୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୮୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୮୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୮୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୮୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୯୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୯୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୯୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୯୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୯୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୯୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୯୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୯୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୯୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୭୯୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୦୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୦୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୦୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୦୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୦୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୦୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୦୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୦୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୦୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୦୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୧୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୧୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୧୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୧୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୧୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୧୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୧୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୧୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୧୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୧୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୨୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୨୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୨୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୨୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୨୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୨୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୨୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୨୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୨୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୨୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୩୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୩୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୩୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୩୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୩୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୩୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୩୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୩୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୩୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୩୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୪୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୪୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୪୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୪୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୪୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୪୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୪୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୪୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୪୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୪୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୫୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୫୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୫୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୫୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୫୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୫୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୫୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୫୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୫୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୫୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୬୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୬୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୬୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୬୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୬୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୬୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୬୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୬୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୬୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୬୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୭୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୭୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୭୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୭୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୭୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୭୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୭୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୭୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୭୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୭୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୮୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୮୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୮୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୮୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୮୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୮୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୮୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୮୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୮୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୮୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୯୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୯୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୯୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୯୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୯୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୯୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୯୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୯୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୯୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୮୯୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୯୦୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୯୦୧ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୯୦୨ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୯୦୩ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୯୦୪ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୯୦୫ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୯୦୬ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୯୦୭ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୯୦୮ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୯୦୯ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୯୧୦ ଗଣିତ ୬୩୫୦୦, ଟଙ୍କା. ୧୯୧୧ ଗଣିତ 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Government of Odisha

Forest & Environment Department

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NOTIFICATION

No.FE-DIV-FLD-0076-2021 10450 / F&E Dated. 11-06-2021

10F (Cons) 108/2018

In exercise of the powers conferred under Section 33 of the Odisha Forest Act 1972 (Odisha Act 14 of 1972), the State Government do hereby declare that the following land situated in Village–Dalimguda under Thuamul Rampur Tahasil in the District of Kalahandi mutated and transferred in favour of Forest & Environment Department for the purpose of raising compensatory afforestation thereon against the proposed diversion of 345.189 ha. of forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, Odisha vide in-principle approval order No.8-46/2018-FC dtd.31.01.2019 of Government of India, Ministry of Environment, Forests & Climate Change (FC Division) under Section 2 of the Forest (Conservation) Act, 1980, the limits of which are specified below and the area of which is 24.078 ha (59.50 acres), shall be Protected Forest with effect from the date of issue of the Notification and shall be known as "Dalimguda-A Protected Forest".

Forest Block:

Name of the Protected Forest	:	Dalimguda-A Protected Forest
Area in Ha	:	24.078 ha
Area in acres	:	59.50 acres
Name of the Village	:	Dalimguda
Name of the Police Station	:	Thuamul Rampur
Name of the Tahasil	:	Thuamul Rampur
Name of the Sub-Division	:	Bhawanipatna
Name of the District	:	Kalahandi

Land Schedule:

Village	Khata No.	Plot No.	Kissam	Total area in Ac.	Boundary description(Plot Nos. existing)			
					North	South	East	West
Dalimguda	26/1	68/302	Patita	33.50	Plot No. 68/306	Plot No. 66 & 70	Plot No. 69	Plot No. 67
		69		26.00	Kaniguma RF	Plot No. 70 & 127	Kaniguma RF	Plot No. 68/302 & 68/306
			Total	59.50 Acre (24.078 ha				

By Order of the Governor

(DR. MONA SHARMA)

Additional Chief Secretary to Government

By e.mail: deputydirectorpp@rediffmail.com

Memo No. 10451 /F&E Date 11-06-2021

Copy with copy of soft copy (in CD form) forwarded to the Director of Printing, Stationery and Publication, Odisha Cuttack for publication in an extra-ordinary issue of the Odisha Gazette and supply 10 copies of printed notification each to F&E Deptt./Director of Land Records and Surveys, Odisha, Cuttack/ Collector, Kalahandi/ D.F.O., Kalahandi South Division/Tahasildar-Thuamul Rampur, Dist-Kalahandi.

2. The Notification is statutory and may be assigned SRO number.

Special Secretary to Government

Memo No. 10452 /F&E Date 11-06-2021

Copy forwarded to the Assistant Inspector General of Forests, Govt. of India, Ministry of Environment & Forest and Climate Change, (F.C. Division), Indira Paryavaran Bhawan, Jor Bagh, Aliganj Road, New Delhi-110003/ Deputy Director General of Forests (Central), Govt. of India, MoEF&CC, Integrated Regional Office, A/3, Chandrasekharpur, Bhubaneswar-23 for information and necessary action.

Special Secretary to Government

Memo No. 10453 /F&E Date 11-06-2021

Copy forwarded to the Revenue & Disaster Management Deptt./ Director of Land Records and Survey, Odisha, Cuttack/ R.D.C.(S.D) Berahampur, Dist-Ganjam/ Collector, Kalahandi/ Tahasildar-Thuamul Rampur, Dist-Kalahandi for information and necessary action.

Special Secretary to Government

Memo No. 10454 /F&E Date 11-06-2021

Copy forwarded to the Principal Chief Conservator of Forests, Odisha, Bhubaneswar/ Principal Chief Conservator of Forests (Forest Diversion) & Nodal Officer, FC Act O/o the PCCF, Odisha/ Regional Chief Conservator of Forests, Bhawanipatna Circle/ D.F.O., Kalahandi (South) Division for information and necessary action.

Special Secretary to Government

Memo No. 10455 /F&E Date 11-06-2021

Copy forwarded to the Head, State Portal, I.T. Centre, Odisha Secretariat, Bhubaneswar for information and necessary action/ (5 spare copies for G.F).

Special Secretary to Government

Memo No. 10456 /F&E Date 11-06-2021

Copy forwarded to the Under Secretary to Government, Office Establishment Section, F&E Department for information and necessary action with reference to their letter No.21646/F&E dtd.22.11.2016.

Special Secretary to Government

Government of Odisha

Forest & Environment Department

*****

NOTIFICATION

No.FE-DFV-PLD-0076-2021 10152 / F&E Dated. 11-06-2021

10F (Cons) 108/2018

In exercise of the powers conferred under Section 33 of the Odisha Forest Act 1972 (Odisha Act 14 of 1972), the State Government do hereby declare that the following land situated in Village–Dalimguda under Thuamul Rampur Tahasil in the District of Kalahandi mutated and transferred in favour of Forest & Environment Department for the purpose of raising compensatory afforestation thereon against the proposed diversion of 345.189 ha. of forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, Odisha vide in-principle approval order No.8-46/2018-FC dtd.31.01.2019 of Government of India, Ministry of Environment, Forests & Climate Change (FC Division) under Section 2 of the Forest (Conservation) Act, 1980, the limits of which are specified below and the area of which is 111.787 ha (276.24 acres), shall be Protected Forest with effect from the date of issue of the Notification and shall be known as "Dalimguda-B Protected Forest".

Forest Block:

Name of the Protected Forest	:	Dalimguda-B Protected Forest
Area in Ha	:	111.787 ha
Area in acres	:	276.24 acres
Name of the Village	:	Dalimguda
Name of the Police Station	:	Thuamul Rampur
Name of the Tahasil	:	Thuamul Rampur
Name of the Sub-Division	:	Bhawanipatna
Name of the District	:	Kalahandi

Land Schedule:

Village	Khata No.	Plot No.	Kissam	Total area in A.c.	Boundary description(Plot Nos. existing)			
					North	South	East	West
Dalimguda	26/1	60/300	Patita	11.00	Plot No. 59	Plot No. 149	Plot No. 61/301.	Plot No. 60(P) & Dengapharsi Village
		61/301		30.00	Plot No. 61(P)	Plot No. 148 & 149	Plot No. 73/303, 73(P)	Plot No. 60/300 & 59
		73/303		29.89	Plot No. 73(P)	Plot No. 147/304, 148	Plot No. 128	Plot No. 61/301
		147/304		5.26	Plot No. 73/303	Plot No. 155/305	Plot No. 147(P)	Plot No. 148
		148		40.00	Plot No. 61/300, 73/303	Plot No. 153	Plot No. 147/304	Plot No. 149
		149		32.75	Plot No. 60/300, 61/301	Plot No. 150	Plot No. 148	Dengapharsi Village
		150		35.50	Plot No. 149	Plot No. 151	Plot No. 153	Dengapharsi &Tadiguda Village

1

		151		26.00	Plot No. 150 & 153	Tevamul Village	Plot No. 152	Tadiguda Village
		152		24.00	Plot No. 153	Tevamul Village	Plot No. 154	Plot No. 151
		153		40.00	Plot No. 148	Plot No. 151, 152	Plot No. 155/305, 154	Plot No. 150
		155/ 305		1.84	Plot No.147/304	Plot No. 154	Plot No. 155(P)	Plot No. 153
			Total	276.24 Acer (111.787 ha)				

By Order of the Governor

(DR. MONA SHARMA)
Additional Chief Secretary to Government

By e:mail: deputydirectorpp@rediffmail.com
Memo No. 10458 /F&E Date 11-06-2021

Copy with copy of soft copy (in CD form) forwarded to the Director of Printing, Stationery and Publication, Odisha Cuttack for publication in an extra-ordinary issue of the Odisha Gazette and supply 10 copies of printed notification each to F&E Deptt./Director of Land Records and Surveys, Odisha, Cuttack/ Collector, Kalahandi/ D.F.O., Kalahandi South Division/Tahasildar-Thuamul Rampur, Dist-Kalahandi.

2. The Notification is statutory and may be assigned SRO number.

Special Secretary to Government

Memo No. 10459 /F&E Date 11-06-2021

Copy forwarded to the Assistant Inspector General of Forests, Govt. of India, Ministry of Environment & Forest and Climate Change, (F.C. Division), Indira Paryavaran Bhawan, Jor Bagh, Aliganj Road, New Delhi-110003/ Deputy Director General of Forests (Central), Govt. of India, MoEF&CC, Integrated Regional Office, A/3, Chandrasekharpur, Bhubaneswar-23 for information and necessary action.

Special Secretary to Government

Memo No. 10460 /F&E Date 11-06-2021

Copy forwarded to the Revenue & Disaster Management Deptt./ Director of Land Records and Survey, Odisha, Cuttack/ R.D.C.(S.D) Berahampur, Dist-Ganjam/ Collector, Kalahandi/ Tahasildar-Thuamul Rampur, Dist-Kalahandi for information and necessary action.

Special Secretary to Government

Memo No. 10461 /F&E Date 11-06-2021

Copy forwarded to the Principal Chief Conservator of Forests, Odisha, Bhubaneswar/ Principal Chief Conservator of Forests (Forest Diversion) & Nodal Officer, FC Act O/o the PCCF, Odisha/ Regional Chief Conservator of Forests, Bhawanipatna Circle/ D.F.O., Kalahandi (South) Division for information and necessary action.

Special Secretary to Government

Memo No. 10962 /F&E Date 11-06-2021

Copy forwarded to the Head, State Portal, I.T. Centre, Odisha Secretariat, Bhubaneswar for information and necessary action/ (5 spare copies for G.F)..

Special Secretary to Government

Memo No. 10963 /F&E Date 11-06-2021

Copy forwarded to the Under Secretary to Government, Office Establishment Section, F&E Department for information and necessary action with reference to their letter No.21646/F&E dtd.22.11.2016.

Special Secretary to Government

ANNEXURE-XII Series

OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION.

No. 5142 /Dt. 26.08.06

To

The Deputy General Manager (F & E),
Orissa Mining Corporation Ltd.,
Bhubaneswar.

Sub:- Proposal for diversion of 191.153 ha. of Forest land in favour of O.M.C. Ltd. within Khandadeuli Iron Ore Mines Ltd. in Keonjhar District.
Payment of N.P.V.

Sir,

You are requested to please deposit the Net Present value for the Forest land proposed for diversion for the above mining project immediately as per decision of Govt. of Orissa, Forest & Environment Department vide No.10F(Cons.)114/2001-4953/F&E dated. 22.03.2006.

i) Virgin area 62.058 ha. x 7.50 lakhs = Rs.4,65,43,500.00
ii) Broken up area 129.095 ha. x 5.80 lakhs = Rs. 7,48,75,100.00 ✓
Total :- Rs.12,14,18,600.00

(Rupees twelve crore fourteen lakhs eighteen thousand six hundred)only.

Yours faithfully,

Divisional Forest Officer,
Keonjhar Division.

Memo No. _____ /Dt.

Copy forwarded to the Regional Manager M/s. O.M.C. Ltd., At/P.O. Barbil, Dist. Keonjhar for information and necessary action.

Divisional Forest Officer,
Keonjhar Division.

Memo No. _____ /Dt.

Copy forwarded to the Chief Conservator of Forests (Nodal), C/O. the Principal Chief Conservator of Forests, Orissa, Bhubaneswar/ Conservator of Forests, Rourkela Circle, Rourkela for favour of information.

Divisional Forest Officer,
Keonjhar Division.

Cable: ORMINCORP, Bhubaneswar
Tel: +0674 2393431, 2395689, 2393389 (EPABX), 2392747 (Dir)
Fax: 0674-2391629, 2396889, 2394772

The Orissa Mining Corporation Ltd.

(A Government of Orissa Undertaking)
OMC HOUSE, BHUBANESWAR-751001

No. 18180 /OMC/F&E/06 Date: 11.09.2006.

To,

The Divisional Forest Officer,
Keonjhar Forest Division,
At/P.o: Keonjhar
Dist: Keonjhar

Sub: Payment of NPV to-wards diversion of 129.095 ha. of Broken up forest land in Khandabandh (Iron) Mining Lease of Keonjhar Dist. of OMC Ltd.

Ref: Your office letter No. 5142 dtd. 26/08/06 and letter No. 10 F (Cons) 53/2006 - 15056/F&E dated 05.09.06 of Dy. Secretary to Govt. F&E Dept. Govt. of Orissa (enclosed).

Sir,

In inviting a reference to the above cited letters, we are depositing herewith a sum of Rs.7,48,75,100/- (Rupees Seven Core Forty Eight lakh Seventy Five thousand One hundred) only towards Net Present Value (NPV) for diversion of 129.095 hectares of Broken up forest area in Khandabandh (Iron) Mining Lease of Keonjhar Dist. of OMC Ltd. under reference:

a) Issuing Branch :- Andhra Bank, BBSR
b) Drawee Branch :- Corporation Bank of India, Lodhi Road, New Delhi (A/c No.1585)
c) Amount :- Total Rs. Rs.7,48,75,100/- (Rupees Seven Core Forty Eight lakh Seventy Five thousand One hundred) only.
d) Demand Draft No.:- 717349 to 717423 (Rs.9,90,000/-each) & 717424 (Rs.6,25,100/-) dt.09/09/06.

You are requested to acknowledge the same and please send the letter of confirmation to the undersigned for office record.

Yours faithfully,

Dy.General Manager(G)F&E

Encl: Drafts in original No. 717349 to 717424 / dtd.09/09/06 of Corporation Bank, Lodhi Road, New Delhi

Dy.General Manager(G)F&E

Received original DDS No. 717349 to 717424.

Divisional Forest Officer
Keonjhar Division

1139

OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION.

Memo No. 5586 / Dt. 14.09.2006

To

The Chief Conservator of Forests (Nodal),
O/o. the Principal C.C.F., Orissa,
Bhubaneswar.

Sub:- **Payment of N.P.V. for the Broken up Forest land in respect of Khandabandh, Bansapani and Dubuna-Sakradihi Mining Leases of M/s. O.M.C. Ltd.**

Ref:- Letter No.10F(Cons.)53/2006.- 15056/F&E. dated.05.09.2006 of Govt. of Orissa, Forest & Environment Department.

As per Govt. decision, M/s. O.M.C. Ltd. have deposited Rs.24,84,23,280/- being the Net Present Value for the already broken up area of the following mining leases through Bank Draft drawn in favour of Ad-hoc CAMPA fund.

Sl. No.	Name of the Project.	Broken up area (in ha.)	Rate of N.P.V. (in lakhs)	Amount deposited.
1.	Bansapani Iron Mines.	45.992	5.80	2,66,75,360.00
2.	Dubuna-Sakradihi Iron & Mn. Mines.	253.229	5.80	14,68,72,820.00
3.	Khandabandh Iron Mines.	129.095	5.80	7,48,75,100.00
			Total:-	Rs.24,84,23,280.00

The Original Bank Draft (252 Nos.) received from the user agency along with detailed statement in prescribed Proforma and Xerox copy of Bank Draft are enclosed herewith for favour of information and necessary action.

The receipt of Bank Drafts may kindly be acknowledged.

Enclo:- As above.

Divisional Forest Officer,
Keonjhar Division.

Memo No. _____ / Dt.

Copy along with Xerox copy of Bank Drafts forwarded to the Conservator of Forests, Rourkela Circle, Rourkela for favour of information.

Divisional Forest Officer,
Keonjhar Division.

DETAILS OF FUNDS RECEIVED FROM USER AGENCIES UNDER FOREST (CONSERVATION) ACT TO BE TRANSFERRED TO CAMPA FUND.

Sl. No.	Name of the Project/User Agency	GOI approval Order No. & Date	Bank Draft No. & Date	Amount Received For (in Rupees)								Total	Remarks
				N.P.V.	C.A.	P.C.A	S.Z.	1.5 times of S.Z.	CATP	Wild life manage ment	Others (indicating specific purpose)		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Banspani Iron Mines of OMC Ltd.	-	717173 to 717199, dt.9.09.06 (27 nos.)	26675360.00	-	-	-	-	-	-	-	26675360.00	
2	Dubuna-Sacradihi Iron & Mn. Mines of OMC Ltd.	-	717200 to 717348,dt .9.09.06 (149 nos.)	146872820.00	-	-	-	-	-	-	-	146872820.00	
3	Khandabandh Iron Mines of OMC Ltd.	-	717349 to 717424,dt .9.09.06 (76 nos.)	74875100.00	-	-	-	-	-	-	-	74875100.00	
											Total:	**248423280.00**	

Divisional Forest Officer,
Keonjhar Division

Khandabandh

OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION

Ph.No. 06766-254315, FAX 06766-254041; email: ofsdp_kjr@rediffmail.com

Office Order No. 209 /Mining

Dated, Keonjhar the 16/6/, 2010.

01. Whereas M/s OMC Ltd has applied for RML under Section- 2 of F.C. Act over 366.311 ha. of land for their Khandabandh Iron Mines, out of which 294.530 ha. is forest land as per the following classification

i. Revenue Forest	-	98.221 ha.
ii D.L.C.		196.309 ha
Total	-	294.530 Ha.

02. Whereas the Apex Court on the recommendation of Central Empowered Committee have issued order for recovery of NPV for the entire forest area deducting the amount of NPV already paid.

03 Whereas the Divisional Forest Officer is vested with the authority by the Apex Court to issue Demand by 24th of June, 2010 at the appropriate rate depending on Eco-value class and the canopy density of the forest area in question.

04. Whereas the forest area in question falls under Class – I of Eco-value class and 0.3 canopy density for which NPV for Rs. 12,07,67,550/- is to be charged at the rate of Rs.7,30,000/- per ha. over 165.435 ha (294.530 ha.- 129.095 ha)

05. Whereas the lessee has already paid an amount of Rs. 7,48,75,100/- towards NPV in respect of forest land over 129.095 ha

06. Now therefore the undersigned by virtue of authority vested by the Apex Court, hereby issue demand notice for payment of Rs. 12,07,67,550/- towards NPV within 30 days of issue of this order, failing which the interest is to be charged. The above amount be deposited in shape of **Demand Draft drawn in favour of Compensatory Afforestation Fund (CAF) Orissa, Account No. CA-1585 in Corporation Bank Lodhi Road, New Delhi.**

It is further ordered that in the event of upward revisions of NPV, an undertaking to pay the differential is to be submitted by the lessee.

(S.K.Mohanty,IFS)
Divisional Forest Officer,
Keonjhar Division.

Memo No 4830 /Dated. 16/6/2010

Copy forwarded to the Regional Manager, M/s OMC Ltd Khandabandh Iron Mines, At/Po- Barbil, Dist- Keonjhar for information and necessary action.

Divisional Forest Officer,
Keonjhar Division.

Memo No /Dated,

Copy forwarded to the Asst. Conservator of Forests,I/c Champua Range for information and necessary action.

Divisional Forest Officer,
Keonjhar Division.

Cable: ORMINCORP, Bhubaneswar

Tel: +0674 2393431, 2395689, 2393389 (EPABX), 2392747(Dir)
Fax: 0674-2391629 , 2396889, 2394772

The Orissa Mining Corporation Ltd.

(A Government of Orissa Undertaking)

OMC HOUSE, BHUBANESWAR –751001

Date.22.07.2010

No.14188 /OMC/F&E/10

To

The Divisional Forest Officer
Keonjhar Forest Division,

Sub: Payment of NPV in respect of Khandbandh Iron Ore Mines of O.M.C.Ltd.

Ref: Your Office Order No.209/Mining,dt 16.06.2010.

Sir

In inviting a kind reference to the letter and subject cited above we are enclosing herewith a demand draft amounting Rs 12,07,67,550.00 (Rupees tweleye crores seven lakhs sixty seven thousand five hundred and fifty) only, bearing DD No.650823/dt 21.07.2010 drawn in favour of Compensatory Afforestation Fund (CAF) Orissa,Account No.CA-1585 in Corporation Bank,Lodhi Road,New Delhi.

An undertaking to pay the differential amount in case of upward revision of NPV duly signed is enclosed for necessary action.

Further it is requested, if the total forest area will not be cleared under the Forest Clearance (FC) or Environmental Clearance (EC) the balance NPV may kindly be refunded.

This is for favour of kind information and necessary action.

Yours faithfully

Encls.Original DD Bearing No.650823/dt 21.07.2010,
S.B.I.,Bhubaneswar Main Branch

Dy. General Manager (Geology)
Power of attorney holder

Memo No.14189 /OMC/F&E/10, dt 22.07.2010

Copy to the Regional Chief Conservator of Forests,Rourkela/ CCF (Nodal),O/o t PCCF,Orissa,Bhubaneswar for kind information and necessary action.

Dy. General Manager (Geology)
Power of attorney holder

Memo No.14190 /OMC/F&E/10, dt 22.07.2010

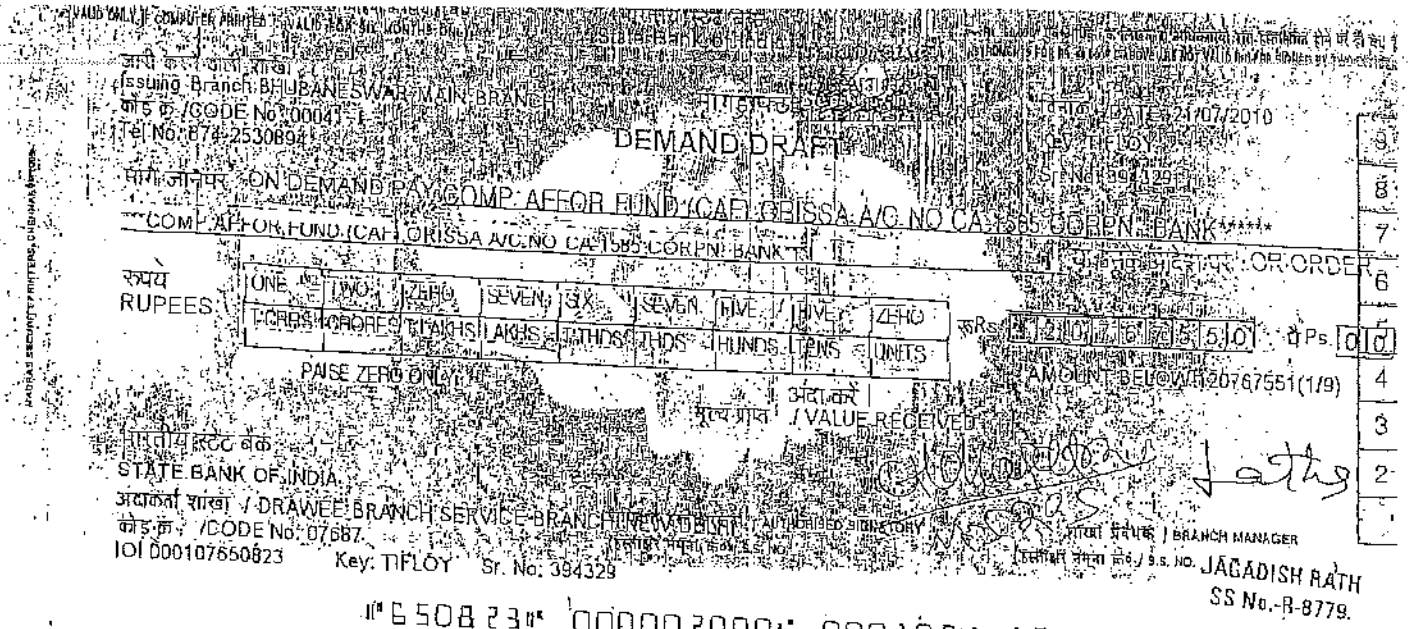
Copy to the Regional Manager,Barbil/ Manager (Acts),H.O.for kind information a necessary action.

Dy. General Manager (Geology)
Power of attorney holder

251

VALID ONLY IF COMPUTER PRINTED. VALID FOR SIX MONTHS ONLY

State Bank of India



जारी करने वाली शाखा
Issuing Branch BHUBANESWAR MAIN BRANCH
कोड क्र./CODE No. 00041
Tel No. 674-2530894

मांग ड्राफ्ट
DEMAND DRAFT

दिनांक / DATE 21/07/2010
Key TIFLOY
Sr. No. 394329

मांग जानेपर ON DEMAND PAY COMP. AFFOR FUND (CAF) ORISSA A/C NO CA 1585 CORPN. BANK

COMP. AFFOR FUND (CAF) ORISSA A/C NO CA 1585 CORPN. BANK

रुपये
RUPEES

ONE	TWO	ZERO	SEVEN	SIX	SEVEN	FIVE	FIVE	ZERO
T.CRRS	CRORES	T.LAKHS	LAKHS	T.THDS	THDS	HUNDS	TENS	UNITS

रु Rs. 2,07,67,550 पै Ps. 00

PAISE ZERO ONLY

AMOUNT BELOW 120767551(1/9)

अदा करें
मूल्य प्राप्त / VALUE RECEIVED

भारतीय स्टेट बैंक
STATE BANK OF INDIA
अदाकर्ता शाखा / DRAWEE BRANCH SERVICE BRANCH NEW DELHI
कोड क्र. /CODE No. 07687
IOI 000107650823 Key: TIFLOY Sr. No. 394329

AUTHORISED SIGNATORY
हस्ताक्षर नमूना क्र./S.S. NO.

शाखा प्रबंधक / BRANCH MANAGER
हस्ताक्षर नमूना क्र./S.S. NO. JAGADISH RATH
SS No.-R-8779.

⑈650823⑈ 000002000⑆ 000107⑈ 17

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21/2/2014

Regd. Post with AD

OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION
Ph. No.06766-254315, FAX 06766-254041: email: ofsdp_kjr@rediffmail.com

21 FEB 2014

No. 950 /Mining. Dated, Keonjhar the 06 February, 2014

To

The Senior Manager (Geo)
M/s OMC Ltd, OMC House
Bhubaneswar- 751001

Sub: **Interest on belated payment of Net Present Value (NPV) in respect of Khandabandh Iron Mines of M/s OMC Ltd.**

Ref:
1. This office Letter No. 4820 dt. 16.06.2010
2. Your Letter No. 14188 dt. 22.07.2010.
3. Letter No.10F (L) 91/2012/9857/F&E dt.9.5.2013 of the Forest & Environment Department, Govt. of Odisha addressed to the PCCF, Odisha, copy communicated to this office vide Memo No. 6656 dt. 15.05.2013 of the CCF (Nodal), Bhubaneswar.

Sir,

Whereas demand was raised for payment of Rs. 12,07,67,550/- as NPV vide this office Letter No. 4820 dt. 16.06.2010, in pursuance of orders of the Hon'ble Supreme Court of India read with clarification of CEC on actionable points following the meeting held on 25.05.2010 and Letter No. 9803/F&E dt. 28.05.2010 of Govt. of Odisha, Forest & Environment Department within a period of 30 days from 16.06.2010, i.e., (within 15.07.2010).

Whereas you have paid an amount of Rs. 12,07,67,550/- on dt. 21.07.2010 which was deposited in Adhoc CAMPA on dt. 22.07.2010.

Whereas Govt. of Odisha in Forest & Environment Department Letter No.10F (L) 91/2012/9857/F&E dt.9.5.2013 have issued direction to charge interest for belated payment at the rate of 9% per annum.

Whereas there has been a time lapse of 0 months, 6 days (Total 6 days) only in between the due date of payment and actual date of payment.

Now, therefore, the undersigned, in pursuance of the aforesaid direction of State Government, charges the following amount towards interest as per the calculation below for payment within 30 days of date of demand.

	Date on which the payment was due	15.07.2010
	Date on which the payment was made	22.07.2010
	The time that has elapsed	6 days
	Interest due	₹1,78,670/-

Contd.2..

Should you fail to deposit the aforesaid amount of ₹1,78,670/- within the stipulated time, you will not be allowed to continue mining till the payment as due is deposited fully as well as any other action as deemed proper under rules/ law.

You are requested to deposit the above interest amount within 30 days, and submit the original proof of the issuing Bank to this office for taking further action at this end.

Yours faithfully,

Divisional Forest Officer,
Keonjhar Division

Memo No. /Dated

Copy forwarded to the Addl. Principal Chief Conservator of Forests, Forest Diversion & Nodal Officer, F.C. Act' O/O the P.C.C.F., Odisha, Bhubaneswar for favour of kind information.

Divisional Forest Officer,
Keonjhar Division

Memo No. /Dated

Copy forwarded to the Regional Chief Conservator of Forests, Rourkela Circle, Rourkela for favour of kind information.

Divisional Forest Officer,
Keonjhar Division

Copy to concerned ML file

OMC

Odisha Mining Corporation Limited

(A GOLD CATEGORY STATE PSU)

No. 6114 /OMC/F&E/2014
March 18th , 2014

To

The Divisional Forest Officer
Keonjhar Division
Dist: Keonjhar

Sub: Interest on belated payment of NPV in respect of Khandbandh Iron Ore Mines of M/s OMC Ltd.

Ref: Letter No.950/Mining, dt. 06.02.2014.

Sir,

In response to the demand raised vide letter under reference, an amount of **Rs.1,78,670.00** (Rupees one lac seventy eight thousand six hundred seventy) only towards belated payment of NPV pertaining to Khandbandh Iron Ore Mines of OMC Ltd. has been deposited through RTGS mode in the State CAMPA A/c No. 344902010105428, Union Bank of India, Sundar Nagar, New Delhi-110003, IFSC Code No.-UBIN0534498. The original copy of the counter-foil of RTGS deposit (bearing UTR No.- ANDBN 14067592298, dt.07.03.2014) issued by Andhra Bank, OMC Campus Branch, Bhubaneswar in support of the deposit is enclosed herewith for kind reference and record.

Yours faithfully

Sr.Manager (Geo) F&E
March 18th , 2014

Encl: As above

Memo No. 6115 /OMC/F&E/2014

Copy along with enclosure forwarded to Addl. Principal Chief Conservator of Forest (Nodal), Aranya Bhawan Chandrasekharpur, Bhubaneswar/ Regional Chief Conservator of Forest, Rourkela for kind information and necessary action.

Copy along with enclosure forwarded to AGM (Fin), HO/ RM, Barbil for kind information and necessary action.

Sr.Manager (Geo), F&E

QC

ISO: 9001: 2000 Certified
Cable: ORMINCORP, Bhubaneswar
Tel: +0674-2535324(Dir), (EPABX) 2393431, 2395689, 2393389
Fax (:0674) 2535324, 2391629, 2396889, 2390972, 2394772

The Orissa Mining Corporation Ltd.

(A Government of Orissa Undertaking)

OMC HOUSE, BHUBANESWAR-751001

RTGS FUNDS TRANSFER APPLICATION FORM

Date: 07.03.2014.

Andhra Bank, OMC Campus Branch.

Applicant (Remitter) Details:

Account Title	ORISSA MINING CORPORATION LIMITED,BHUBANESWAR
Debit Account No.	105911011000001
Account Type	CURRENT ACCOUNT

Beneficiary Details:

Beneficiary Name	COMPENSATORY AFFORESTATION FUND MANAGEMENT AND PLANNING AUTHORITY (CAMPA)
Credit Account No.	344902010105428
Centre(Location)	NEW DELHI
Bank	UNION BANK OF INDIA
Branch	SUNDER NAGAR
Account Type	
IFSC Code	UBIN0534498
Contact No.	9437919676

Remittance Details:

Amount(in figures)	Rs.1,78,670/-
Amount (in words)	Rupees ONE LAC SEVENTY EIGHT THOUSAND SIX HUNDRED SEVENTY only
Remarks/narration	Immediate transfer of fund vide Ch. No. 183162 DT.07.03.2014 ON AB,OMC

Please remit the amount as per the aforesaid details, by debiting my/our Account for the amount of remittance plus your charges.

I/we declare that I/we are authorized to request for the Andhra Bank RTGS facility and all the persons authorized to operate the above mentioned Accounts are also authorized, as per the present mode of operation, to present the RTGS Funds Transfer Application Form to Andhra Bank, OMC Campus Branch, Bhubaneswar.

I/we undertake to keep AB, OMC Campus Branch informed of any changes in the mode of operation of any of the above Accounts.

I/we hereby confirmed having read the terms and conditions pertaining to Andhra Bank RTGS facility on http://www.andhrabank.com/wholesale/sme/popup_rtg.htm (hereinafter the "Terms and Conditions") and agree that OMC LTD,Bhubaneswar (entity's name) use of the Andhra Bank RTGS facility shall be subject to and be governed by the Terms and Conditions.

I/we are aware of the fees and/or other charges which are currently to be levied by Andhra Bank for providing access to or allowing the use of the Andhra Bank RTGS facility. I/we further, undertake to keep ourselves aware of any revision made by Andhra Bank of the fees and/or other charges levied for providing access to or allowing the use of the Andhra Bank RTGS facility. I/we are aware that the same shall be notified to us by hosting the same on http://www.andhrabank.com/wholesale/sme/real_time_gross_settlement_fees.htm.

Yours sincerely,

ANDBN 140675 7/3/14

07/03/14

Stamp and signature of Authorized Signatory
Manager (Finance)
The Orissa Mining Corporation Ltd.

For Banks Use Only	
Account Debited by	
Debit authorized by	
Entered into RTGS	

256

OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION
Phone No- 06766-254315, email ID- dfokjr.od@gov.in

No. 8123 /6F-Mining-15/2007
Dated, Keonjhar the 28-8- /2019

The Executive Director (F&E),
M/s OMC Ltd, OMC House,
Bhubaneswar- 751001

Sub: Proposal for diversion of 345.189 ha forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd in Keonjhar District, Odisha.

X-Sub: Demand of funds towards Net Present Value (NPV).

Ref: F. No. 8-46/2018-FC dated 31.01.2019 of MoEF&CC, Govt. of India and letter No. 2821/F&E dated 08.02.2019 of Special Secretary to Govt. F&E Department, Odisha, Bhubaneswar& memo No.14712 dated 21.08.2019 of Addl. PCCF, FD&NO, FC Act, O/o- the PCCF, Odisha, Bhubaneswar.

Sir,

You are requested to deposit balance the amount of Rs. 4,75,68,801/- (Rupees four crore seventy five lakh sixty eight thousand eight hundred one) only towards Net Present Value (NPV) at the rate of Rs. 9,39,000 per ha (Eco Value Class- I, Canopy density- 0.5) for the balance forest land over 50.659 ha in respect of Khandbandh Iron Ore Mines of M/s OMC Ltd in compliance to the condition No. (x) of the aforementioned Stage- I approval order of MoEF&CC, Govt. of India. The demanded amount has to be deposited within 30 days from the date of issue of this letter through e-portal of MoEF&CC as provided in the https://parivesh.nic.in/ and the proof/evidence of the deposit of fund be submitted to this office for further necessary action at this end.

Yours faithfully,

28/8/19

Divisional Forest Officer,
Keonjhar Division.

Memo No._____/ Dated.

Copy submitted to the Regional Chief Conservator of Forests, Rourkela Circle, Rourkela/ Addl. Principal Chief Conservator of Forests, FD & NO, FC Act, O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar for favour of kind information.

Divisional Forest Officer,
Keonjhar Division.

5/19/2019

41635/2019/F & E

NEFT RTGS CHALLAN

AGENCY COPY

NEFT / RTGS CHALLAN for Ad-HOC CAMPA

Date : 19-09-2019

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	5887070438
MoEF/SG File No.	8-46/2018-FC
Location.	ORRISA
Address.	OMC HouseKhordha
Amount(in Rs)	518765551/-

Amount in Words :Fifty-One Crore Eighty-Seven Lakh Sixty-Five Thousand Five Hundred and Fifty-One Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	CORP0000371
Pay to Account No.	150825887070438 Valid only for this challan amount
Bank Name & Address:	Corporation Bank Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only
- This challan is valid only for seven days.

BANK COPY

NEFT / RTGS CHALLAN for Ad-HOC CAMPA

Date : 19-09-2019

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	5887070438
MoEF/SG File No.	8-46/2018-FC
Location.	ORRISA
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Amount(in Rs)	518765551/-

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- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only
- This challan is valid only for seven days.

After making successful payment, User Agencies may send a line of confirmation through Email: helpdeskcampa@corpbank.co.in

Sr. Manager (Finance)
The Odisha Mining Corporation Ltd.
Bhubaneswar

UTR NO- ANDBH19267382500
dt - 24-09-2019

ANNEXURE -XIII

OFFICE OF THE REGIONAL CHIEF CONSERVATOR OF FORESTS, ROURKELA CIRCLE,
AT/P.O. PANPOSH, ROURKELA-769 004.

Memo No. 1478/3F-119/2021 Date: 11-06-2021

To

The Divisional Forest Officer,
Keonjhar Division.

Sub: Proposal for diversion of 345.189 ha. of forest land including 6.919 ha. safety zone within the total mining lease area over 366.311 ha. of Khandbandh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, Odisha.

X-Sub: Submission of revised schemes at the current wage rate of Rs.311.00 per man day.

Ref: Your Memo No.3316 Dtd.01.06.2021.

The revised financial outlays of the following schemes prepared in compliance with the conditions stipulated in the Stage-I approval accorded in respect of the above diversion proposal at the current wage rate of Rs.311.00/- per man day and submitted vide your Memo under reference are hereby technically approved for the amount as indicated against each.

Sl. No.	Name of the scheme for which revised financial outlay has been submitted by the DFO, Keonjhar	Technical approval by the RCCF, Rourkela Circle.
01	The scheme for Appropriate mitigative measures to minimize soil and choking of streams within Khandbandh Iron Ore Mines prepared in compliance with Condition No. 2(vii)(a) with a total financial outlay of Rs.44,16,000/-	Technically approved for Rs. 44,16,000/- (Rupees forty-four lakh sixteen thousand) only
02	The for planting of adequate hardy plant species and sowing of seeds in the appropriate area within the mining lease area to arrest soil erosion prepared in compliance with Condition No. (vii)(b) without budgetary provision.	Technically approved vide this office Memo No.1681 dtd.12.07.2019.
03	The scheme for construction of check dams, retention / toe walls to arrest sliding down of the excavated material along the contour prepared in compliance with Condition No. (vii)(c) with a total financial outlay of Rs.62,73,900/-	Technically approved for Rs.62,73,900 (Rupees sixty-two lakh seventy-three thousand nine hundred) only
04	The Scheme to stabilize overburden dump by grading/benching so as to ensure the angles of repose at any given place is less than 28^0 prepared in compliance with Condition No. 2(vii)(d) with a total financial outlay of Rs.2,06,12,300/-	Technically approved for Rs. 2,06,12,300/- (Rupees two crore six lakh twelve thousand three hundred) only
05	The scheme for Management of Top Soil within Khandabandh Iron Ore Mines prepared in compliance with Condition No. 2(vii)(e) with a total financial outlay of Rs.3,47,47,300/-	Technically approved for Rs.3,47,47,300/- (Rupees three crore forty-seven lakh forty-seven thousand three hundred) only

06	The Scheme for fencing, protection and regeneration of the safety zone within the mining lease boundary prepared in compliance with Condition No. 2(xii) with a total financial outlay of Rs.93,35,600/-	Technically approved for Rs.93,35,600/- (Rupees ninety-three lakh thirty-five thousand six hundred) only
07	The Scheme for afforestation over one & half time of safety zone area over 10.38 ha of degraded forest land identified in Baitarani East (A) PRF forest block of Champua prepared in compliance with Condition No. 2(xii) with a total financial outlay of Rs. 17,61,700/-	Technically approved for Rs.17,61,700/- (Rupees seventeen lakh sixty-one thousand seven hundred) only
08	The Scheme for gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests located in the area within 100 meters from outer perimeter of the mining lease prepared in compliance with Condition No. 2(xxiii) with a total financial outlay of Rs.34,02,100/-	Technically approved for Rs.34,02,100/- (Rupees thirty-four lakh two thousand one hundred) only
09	The scheme for de-silting of the village tanks and other water bodies located within 05 Km from Mining Lease Boundary so as to mitigate the impact of siltation of such tanks/water bodies prepared in compliance with Condition No. (xxv) with a total financial outlay of Rs.22,88,500/-.	Technically approved for Rs.22,88,500/- (Rupees twenty-two lakh eighty-eight thousand five hundred) only.

The technically approved revised financial outlays are returned herewith for taking necessary action at your end.

Encl:- As above.

Regional Chief Conservator of Forests,
Rourkela Circle

Memo No. Date:

Copy forwarded to the Chief Conservator of Forests(Forest Diversion & Nodal Officer, FC Act),O/o the Pr.CCF, Odisha for favour of kind information and necessary action with reference to Memo No.3317 dtd.01.06.2021 of the DFO, Keonjhar Division.

Regional Chief Conservator of Forests,
Rourkela Circle

(12)

SCHEME FOR
FENCING, PROTECTION AND AFFORESTATION
OF THE SAFETY ZONE AREA

OVER 6.919 HA

AT

KHANDABANDHA IRON ORE MINES
UNDER KEONJHAR FOREST DIVISION

OF

M/S ODISHA MINING CORPORATION LTD.
(A GOVT.OF ODISHA UNDERTAKING)
OMC HOUSE, BHUBANESWAR-751001

(As per condition No.2(xii) of the stage-I forest clearance granted by MoEF&CC, Govt.of India vide F.No.8-46/2018-FC dt31.01.2019)

(@ Rs. 311.00/- per manday)

SCHEME FOR FENCING, PROTECTION AND AFFORESTATION OF THE SAFETY ZONE AREA OVER 6.919 HA AT KHANDBANDH IRON ORE MINES OF M/S ODISHA MINING CORPORATION LTD.

INTRODUCTION:

Government of India in the Ministry of Environment, Forests & Climate Change have approved Stage-I forest clearance vide F.No.8-46/2018-FC Dated 31st January 2019 for diversion of 345.189 ha. forest area in Khandabandha Iron Ore Mines of O.M.C Ltd. In this approval, MoEF&CC has stipulated some conditions to be fulfilled before Stage-II forest clearance is accorded. The condition no. (xii) of the Stage-I forest clearance is read as under:

"Fencing, protection and regeneration of the safety zone area [7.5 meters strip shall be kept within the mining lease boundary and area of the safety zone shall be part of the total area of mining lease as per the Ministry's guidelines dated 27.05.2015] shall be done within three year at the project cost from the issue of Stage-II Clearance. ..."

In order to comply the above condition, the current scheme is formulated for fencing, protection and regeneration of safety zone area within Khandabandha Iron Ore M.L area. Since the area has poor vegetation, the scheme aims to regenerate the area by taking ANR plantation with gap planting of 400 seedlings per hectare. The length of outer periphery of safety zone is 9175.6 mtr and the area of safety zone is 6.919 ha.

Earlier a scheme over 6.919 ha towards fencing, protection and regeneration of safety zone has been approved by RCCF, Rourkela @ Rs. 286.30 per man day and @ Rs. 298.00 per man day and Rs. 308.00 per man day. Labour Commissioner of Odisha letter no. 2816/LC dt. 25.05.2021 has revised the minimum wage rate to Rs. 311.00/- per man day. In this context the scheme has been revised @ Rs. 311.00/- per man day.

TOPOGRAPHY AND EXISTING VEGETATION:

The area under safety zone is hilly with gentle slope. The soil is mostly gravelly. Soil type is Lateritic. Some patches support shallow soil and even exposed rocks within the site.

PROPOSED TECHNIQUES FOR PLANTATION/REGENERATION:

It is proposed to take up ANR plantation with 400 plants per ha over the entire area of 6.919 ha.

Objective of the scheme:

The main objective of the present scheme is to take up plantation in the safety zone of the M.L area so that a green belt around the mine is maintained which will serve the following purpose:

i) It will be a permanent demarcation zone for the M.L area which will be easily distinguishable.

ii) It will help in controlling pollution to some extent near the mine.

iii) It will provide alternate habitat to birds and animals who have lost their habitat due to mining activity.

iv) Protect the periphery of the mine from soil erosion and land slide.

Item of works to be taken up:

To achieve the above objectives, the following items of works are prescribed to be taken up:

1. Survey & demarcation of boundary.
2. Fencing.
3. Plantation & post-planting operations.

1. **Demarcation of boundary:** The outer periphery of the Mining Lease area and safety zone area has already been surveyed and demarcated.
2. **Fencing:**To protect the plantation from grazing and other biotic interference, it will be provided with barbed wire fencing along the outer periphery over 9026.6mtrs. Additional fence over 149 mtr will be erected on either side of village road. There will be provision of one RCC pillar erected at every 2.5 meter distance with provision of two extra cross pillars for each corner station points. There will be 7 strands of barbed wire fencing for better protection purpose. The cost estimate for barbed wire fencing has been provided in **Annexure–I.**There will be no fence on the inner side.
3. **Planting & post-planting operations:** ANR plantation with gap planting of 400 seedlings per ha over 6.919 ha shall be taken up. All planting &post planting measures like casualty replacement, soil working, manuring, fire protection etc. will be undertaken as given in Cost norm for ANR plantation with gap plantation of 400 seedlings furnished as **Annexure-II.**

While taking up plantation, the following vital points shall be taken up for consideration.

- Care to be taken to raise healthy seedlings of minimum 60 cm height. 10% extra seedlings are to be raised for replacement of casualty.
- Pitting shall invariably be done during November-February i.e., before onset of monsoon. If possible the soil of upper portion and lower portion of pit should be placed separately in specific direction so that while planting the pits will be filled with top-soil first.
- Planting shall be done on the onset of monsoon to get full benefit of monsoon rain and should not be delayed.
- Basal dose of 50 grams of NPK and 5 grams of Chlorpyriphos dust per plant should be applied at the time of planting carefully by mixing with top-soil so that the roots of seedlings do not come in direct contact with fertiliser.

- ❖ In case of any mortality of planted seedlings, it should be replaced with good seedlings as soon as possible for better success rate.
- ❖ Complete weeding in proper time will be done. Strip weeding will not be permitted.
- ❖ Soil-working and application of 2nd dose fertilizer of 50 gms NPK/plant should be done in time

Since the area is provided with barbed wire fence, watch & ward will be easier. Watchers may be engaged in weeding in problematic areas alongwith watch & ward.

4. **Spacing**: The spacing adopted for the plantation in gaps is 2.5 mtr X 2.5 mtr. Alignment and pit marking should be done carefully in slopes so that the horizontal distance between plants in a row remains 2.5 mtrs and not the distance measured along the slope.

5. **Species**: Although indigenous species are to be preferred in the plantation, considering adverse soil & moisture conditions we may go for hardy exotic species where required so that the plants are able to survive. Considering the topography, soil and moisture availability of the plantation area, the following species will be planted.

Name of species	Common name	Remarks
Acacia auriculiformis	Acacia	
Azadirachtaindica	Neem	
Derris indica	Karanja	
Emblicaofficinalis	Amla	
Cassia siamea	Chakunda	
Dalbergiasissoo	Sissoo	In lower areas with good soil depth
Gmelinaarborea	Gambhari	In lower areas with good soil depth
Dendrocalamusstrictus	Salia bamboo	In lower areas with good soil depth healthy seedlings from rhizomes may be planted
Zizyphusmauritania	Ber	In rocky areas with low soil depth
Simarubaglauca	Simaruba	In rocky areas with low soil depth

6. **Protection of the plantation**: 7 strand straight and 2 strands diagonal Barbed wire fence with RCC pillars along outer periphery of the M.L area will be provided. Few watchers will also be engaged for protection of the plantation.

7.**Total cost of the project**: Total cost of the project will be **Rs. 93,35,600.00 (Rupees ninety three lakhs thirty five thousand six hundred) only** as detailed in Annexure-III.

8. **Executing agency**: Since the work will be done inside the Mining Lease area, it will be convenient for the User Agency to execute the work. Hence the work will be executed by O.M.C Ltd.

Divisional Forest Officer
Keonjhar Forest Division

Annexure-I

ESTIMATE FOR BARBED WIRE FENCE

7 strands straight + 2 diagonal strands of 2 ply barbed wire on RCC posts fixed at 2.5 mtr intervals.

Two struts at every 10th pillar

Fence post size Length-8ft,Bottom width 6"x6", Top width-4"x4"Reinforced with 6mm rods

Minimum wage rate Rs. 311.00 per day for unskilled labourer

ANALYSIS OF RATE

1	Earth work in hard or gravelly soil within 50m. Initial lead and 1.5m. initial lift including rough dressing of clods to maximum 5 cm. to 7 cm and laying in layers not exceeding 0.3 m. in depth (per 100 cum.)			
	Mulia	43	311.00	13373.00
	2% sundries and T & P etc.			267.46
		Total		**13640.46**
2	Cement concrete (1:4:8) with 4 cm hard granite metal including lying, compacting, curing with all cost, conveyance, royalty of materials etc. (per 1 cum)			
	HG metal	0.96 cum	Rs 1223.40	1174.64
	Sand	0.48 cum	Rs 443.00	212.62
	Cement	1.72 qtl	Rs 630.00	1083.60
	Mason 2nd Class	0.18	Rs 351.00	63.18
	Man mulia	1.80	Rs 311.00	559.80
	Woman mulia	1.40	Rs 311.00	435.40
	Man mulia	0.70	Rs 311.00	217.70
		Total		**3746.94**
3	Cement Concrete (1:2:4) with 12 mm size C.B.H.G chips including cost, carriage & royalty etc complete			
	HG chips 12 mm	0.96 cum	Rs 1581.40	1518.14
	Sand	0.45 cum	Rs 443.42	199.53
	Cement	3.23 qtl	Rs 630.00	2034.90
	Mason 2nd Class	0.60	Rs 351.00	210.60
	Mulia	4.6	Rs 311.00	1430.60
		Total		**5393.77**
4	Cutting, bending, binding, straightening and tying the grills and placing in position including cost of M.S Tor Steel and binding wire etc (Ref-A/R-2006 item No. 9 Page 52). Taking output for 1 quintal			
	Cost & carriage of HYSD Steel including 5% for wastage & overlapping	1.05 qtl	Rs 5500.00	5775.00
	Binding wire	8 kg	Rs 80/kg	640.00
	Labour for cutting, bending, shifting to site, tying & placing in position Mate	0.44	401.00	176.44
	Blacksmith Special	4	461.00	1844.00
	Semiskilled mulia	8	351.00	2808.00
		Total		**11243.44**

01) 02 ply barbed wire (5 Rmt per kg)

7 straight strand x 1000 Mt =7000Mt

2 Diagonal strand = 2 X $\sqrt{(6.5')^2 + (8.2')^2}$ = 2 x 10.50 ft

=21.00 ft x 400 nos=8400 ft or =2560Mt

=9560Mt

Cost per KM=9560/5=1912 Kg @ Rs.80/Kg **Rs.1, 52,960.00**

02). Construction of RCC pillars of size-
Length—8ft, Bottom width 6"x6", Top width-4"x4"
Reinforced with 6mm rods with proper curing
$\{8' \times \frac{6"+4"}{2}\} \times \frac{6"+4}{2}$ = 1.34 cft or 0.038 cum

i) Cost of c.c. work 1:2:4=0.038 cum @5393.77/cum = 204.96
ii) Cost of rod including cutting, bending & binding
0.038x0.9qtl=0.0342 qtl@ Rs. 11243.44/qtl. = 384.52
iv) Contingency (15%) including = 88.42
Curing, stacking, provision of hooks etc.
Rs.677.90

Requirement of pillars per KM-
Spacing=2.5mtx2.5mt
Requirement=1000mt/2.5mt = 400
Strut pillar in every 10th pillar = (400/10)x2 = 80
480 Nos
Cost of pillars per Kilometer= 480@ Rs 677.90 **Rs.3, 25,392.00**

03) Fitting fixing of RCC pillars in position with hbg metal (4cm) in C.M (1:4:8)
i) Digging of pits 1.5'x1.5'x1.5'=3.375cft/pit
for 480 pits, 480x3, 375=1620 cft or 45.86 cum @ Rs. 13640.46/100cum =Rs 6255.51
ii) Fixing of pillars with 4cm hbg metals in C.M 1:4:8
pit size-1.5'x1.5'x1.5' =3.375 cft
Deduct 1/3rd of butt of pillar i.e.3.375/3 = (-) 1.125 cft
Total c.c. work per pillar 2.25cft
For 480 pillars=480x2.25=1080cft or 30.577 cum @ Rs. 3746.94/cum **Rs.1, 14,570.18**

04) Labour for straightening the barbed wire and fixing & clipping with pillars
70M.d per km@ Rs 311.00 per manday = **Rs.21, 770.00**

05) Carriage of Barbed wire & pillars to work site
@Rs.1000/tl. and cost of loading & unloading within 5 km distance
Approximately 10 tld @ 800/tld = **Rs.18, 000.00**

06). Provision of one Iron Gate of size (4' x 5') on LS = **Rs. 7,500.00**

Total = Rs.6, 46,447.69
Labour Cess 1% = Rs. **6,464.48**
Expenditure per 1 km of barbed wire fencing **Rs.6, 52,912.17**

07) Expenditure towards maintenance for 3 years (3rd, 6th & 9th year)
@ 2% of cost per rkm = 3 x 2% x Rs. 6, 52,912.17 = Rs.39,174.73

Expenditure per 1 km of barbed wire fencing including maintenance = **Rs.6, 92,086.90**
Or say Rs 6, 92,100.00

ANNEXURE-II

COST NORM FOR ANR PLANTATION @ 400 PLANTS PER HECTARE
WAGE RATE Rs. 311.00/- PER MANDAY

0th year (Advance work) Pre-planting operation.

Sl. No	Item of work	Preferable period of execution	person days	Labour (Rs)	Material (Rs)	Total (Rs)
	0th year					
1	Survey demarcation and pillar posting, GPS reading with mapping	Nov/Dec	2	622	0	622
2	Site Preparation	Nov/Dec	2	622	0	622
3	Silviculture Operation including clearance of weed, climber cutting, high stump cutting, singling of shoots etc.	Jan/Feb	5	1555.00		1555.00
4	Nursery cost (6 months old seedling) part @ Rs. 9.45/- seedling (Rs. 6.67 in 0th) year + Rs. 2.78 in 1st year) for 440 seedlings (400+40)		11	3421.00	735.00	4156.00
5	Contingency and unforeseen expenditure		0	0	165.00	165.00
	Sub Total		**20**	**6220.00**	**900.00**	**7120.00**
	Monitoring & supervision charges 5% of the total cost					356.00
	Total		**20**	**622.00**	**900.00**	**7476.00**
	1st year					
1	Nursery cost (6 months old seedling) balance @Rs. 2.78 for 440 seedlings	Apr-Jul	5	1555.00	255.00	1810.00
2	Pitting 30 cm cube size	Feb/Mar	12	3732.00	0	3732.00
3	Carriage and planting including casualty replacement	Jul/Aug	10	3110.00	0	3110.00
4	Complete weeding, Soil working, manuring	Aug/Sep	12	3732.00	0	3732.00
5	Cost of vermin compost @200gms/plant @Rs. 20/-per kg=Rs. 1600.00 and Granular insecticide 5 gms/ plant @ Rs. 80 per kg=Rs.160.00	Aug/Sep	0	0	1760.00	1760.00
6	Cost of chemical fertilizer (a) Urea 70 gms/plant in two subsequent doses @ Rs.6 per kg =Rs 168.00 (b) NPK 50 gms/plant @ Rs. 24/- per kg= Rs. 480.00 as basal dose		0	0	648.00	648.00
7	Silvicultural operation involving clearance of weeds, cutting of climbers, singling of shoots etc.	Sep/Oct	15	4665.00	0	4665.00
8	Soil Conservation Measures (Staggered trenches of dimension 2 m x 0.5 mx 0.5 m@ 60 nos per ha) or its equivalent	Sep/Oct	20	6220.00	0	6220.00
9	Fire line Tracing and inspection path	Feb/Mar	3	933.00	0	933.00
10	Watch & ward	Aug-Mar	7	2177.00	0	2177.00
11	Contingency and unforeseen expenditure		0	0	319.00	319.00
	Sub Total		**84**	**26124.00**	**2982.00**	**29106**
	Monitoring & supervision charges 5% of the					1455.30

	Total cost					
	Total		**84**	**26124**	**2982.00**	**30561.30**
	2nd year					
1	Casualty Replacement including cost of seedling, carriage and planting	Jul/Aug	2	622.00	497.20	1119.00
2	Complete weeding and cultural operations	Sep/Oct	4	1244.00	0	1244.00
3	Soil working and manuring	Sep/Oct	4	1244.00	0	1244.00
4	Cost of fertilizer and insecticide (a) Vermi compost 200 gms/plant @ Rs. 20/ per kg=Rs.1600 (b) Granular insecticide 5 gms/plant for 40 plants 200gms @ Rs. 80/- per kg=Rs.16.00	Sep/Oct	0	0	1616.00	1616.00
5	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
6	Soil conservation Measures (Renovation of staggered trenches etc.)	Sep/Oct	8	2488.00	0	2488.00
7	Watch & ward (whole year)	Apr-Mar	7	2777.00	0	2777.00
8	Contingency and unforeseen expenditure		0	0	362.00	362.00
	Sub Total		**26**	**8086.00**	**2475.20**	**10561.20**
	Monitoring & supervision charges 5% of the total cost					528.06
	Total		**26**	**8086.00**	**2475.20**	**11089.26**
	3rd Year					
1	Complete weeding and cultural operations	Aug/Sep	2	622.00	0	622.00
2	Soil working	Aug/Sep	2	622.00	0	622.00
3	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
4	Watch & ward (whole year)	Apr-Mar	7	2177.00	0	2177.00
	Sub Total		**12**	**3732.00**	**0**	**3732.00**
	Monitoring & supervision charges 5% of the total cost					186.60
	Total		12	3732.00	**0**	**3918.60**
	4th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
2	Watch & ward and cultural operation	Apr-Mar	2	622.00	0	622.00
	Sub-Total		3	**933.00**	**0**	**933.00**
	Monitoring & supervision charges 5% of the total cost					**46.65**
	Total		3	**933.00**	**0**	**979.65**
	5th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
2	Watch & ward and cultural operation	Apr-Mar	2	622.00	0	622.00
	Sub-Total		3	**933.00**	**0**	**933.00**
	Monitoring & supervision charges 5% of the total cost					**46.65**
	Total		3	**933.00**	**0**	**979.65**
	6th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
2	Watch & ward and cultural operation	Apr-Mar	2	622.00	0	622.00

	Sub-Total		3	933.00	0	933.00
	Monitoring & supervision charges 5% of the total cost					46.65
	Total		3	933.00	0	979.65
	7th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
2	Watch & ward and cultural operation	Apr-Mar	2	622.00	0	622.00
	Sub-Total		3	933.00	0	933.00
	Monitoring & supervision charges 5% of the total cost					46.65
	Total		3	933.00	0	979.65
	8th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
2	Watch & ward and cultural operation	Apr-Mar	2	622.00	0	622.00
	Sub-Total		3	933.00	0	933.00
	Monitoring & supervision charges 5% of the total cost					46.65
	Total		3	933.00	0	979.65
	9th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
2	Watch & ward and cultural operation	Apr-Mar	2	622.00	0	622.00
	Sub-Total		3	933.00	0	933.00
	Monitoring & supervision charges 5% of the total cost					46.65
	Total		3	933.00	0	979.65
	10th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
2	Watch & ward and cultural operation	Apr-Mar	2	622.00	0	622.00
	Sub-Total		3	933.00	0	933.00
	Monitoring & supervision charges 5% of the total cost					46.65
	Total		3	933.00	0	979.65

ABSTRACT

Year	Person days	Labour	Material	Monitoring & Supervision charge 5% of the total cost	Total
0th Year	20	622.00	900.00	356.00	7476.00
1st Year	84	26124	2982.00	1455.30	30561.30
2nd Year	26	8086.00	2475.20	528.06	11089.26
3rd Year	12	3732.00	0	186.60	3918.60
4th Year	3	933.00	0	46.65	979.65
5th Year	3	933.00	0	46.65	979.65
6th Year	3	933.00	0	46.65	979.65
7th Year	3	933.00	0	46.65	979.65
8th Year	3	933.00	0	46.65	979.65
9th Year	3	933.00	0	46.65	979.65
10th Year	3	933.00	0	46.65	979.65
Total	**163**	**45095.00**	**6357.20**	**2852.51**	**59902.71**

Annexure-III

TOTAL FINANCIAL OUTLAY

Sl. No	Work to be done	Estimated expenditure
1.	Barbed wire fence on outer periphery of safety zone over 9175.6 mtrs @ Rs.692.10 per mtr	Rs 63,50,432.76
2	ANR plantation @400 plants/Ha over 6.919 ha @ Rs. 59902.71/- per ha.	Rs 4,14,466.85
	Sub-Total:	**Rs. 67,64,899.61**
	Inspection, monitoring and evaluation @15% of the total project cost	Rs. 10,14,734.94
	Total:	**Rs. 77,79,634.55**
	Price escalation @20%	Rs. 15,55,926.91
	Total	Rs 93,35,561.46 or say **Rs. 93,35,600.00/-**

Rupees ninety three lakhs thirty five thousand six hundred only

Technically Approved

Regional Chief Conservator of Forests
Rourkela Circle

Divisional Forest Officer
Keonjhar Forest Division

ANNEXURE-XIV Series

OFFICE OF THE REGIONAL CHIEF CONSERVATOR OF FORESTS, ROURKELA CIRCLE,
AT/P.O. PANPOSH, ROURKELA-769 004.

Memo No. 1478/3F-119/2021 Date: 11-06-2021

To

The Divisional Forest Officer,
Keonjhar Division.

Sub: Proposal for diversion of 345.189 ha. of forest land including 6.919 ha. safety zone within the total mining lease area over 366.311 ha. of Khandbandh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, Odisha.

X-Sub: Submission of revised schemes at the current wage rate of Rs.311.00 per man day.

Ref: Your Memo No.3316 Dtd.01.06.2021.

The revised financial outlays of the following schemes prepared in compliance with the conditions stipulated in the Stage-I approval accorded in respect of the above diversion proposal at the current wage rate of Rs.311.00/- per man day and submitted vide your Memo under reference are hereby technically approved for the amount as indicated against each.

Sl. No.	Name of the scheme for which revised financial outlay has been submitted by the DFO, Keonjhar	Technical approval by the RCCF, Rourkela Circle.
01	The scheme for Appropriate mitigative measures to minimize soil and choking of streams within Khandbandh Iron Ore Mines prepared in compliance with Condition No. 2(vii)(a) with a total financial outlay of Rs.44,16,000/-	Technically approved for Rs. 44,16,000/- (Rupees forty-four lakh sixteen thousand) only
02	The for planting of adequate hardy plant species and sowing of seeds in the appropriate area within the mining lease area to arrest soil erosion prepared in compliance with Condition No. (vii)(b) without budgetary provision.	Technically approved vide this office Memo No.1681 dtd.12.07.2019.
03	The scheme for construction of check dams, retention / toe walls to arrest sliding down of the excavated material along the contour prepared in compliance with Condition No. (vii)(c) with a total financial outlay of Rs.62,73,900/-	Technically approved for Rs.62,73,900 (Rupees sixty-two lakh seventy-three thousand nine hundred) only
04	The Scheme to stabilize overburden dump by grading/benching so as to ensure the angles of repose at any given place is less than 28^0 prepared in compliance with Condition No. 2(vii)(d) with a total financial outlay of Rs.2,06,12,300/-	Technically approved for Rs. 2,06,12,300/- (Rupees two crore six lakh twelve thousand three hundred) only
05	The scheme for Management of Top Soil within Khandabandh Iron Ore Mines prepared in compliance with Condition No. 2(vii)(e) with a total financial outlay of Rs.3,47,47,300/-	Technically approved for Rs.3,47,47,300/- (Rupees three crore forty-seven lakh forty-seven thousand three hundred) only

06	The Scheme for fencing, protection and regeneration of the safety zone within the mining lease boundary prepared in compliance with Condition No. 2(xii) with a total financial outlay of Rs.93,35,600/-	Technically approved for Rs.93,35,600/- (Rupees ninety-three lakh thirty-five thousand six hundred) only
07	The Scheme for afforestation over one & half time of safety zone area over 10.38 ha of degraded forest land identified in Baitarani East (A) PRF forest block of Champua prepared in compliance with Condition No. 2(xii) with a total financial outlay of Rs. 17,61,700/-	Technically approved for Rs.17,61,700/- (Rupees seventeen lakh sixty-one thousand seven hundred) only
08	The Scheme for gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests located in the area within 100 meters from outer perimeter of the mining lease prepared in compliance with Condition No. 2(xxiii) with a total financial outlay of Rs.34,02,100/-	Technically approved for Rs.34,02,100/- (Rupees thirty-four lakh two thousand one hundred) only
09	The scheme for de-silting of the village tanks and other water bodies located within 05 Km from Mining Lease Boundary so as to mitigate the impact of siltation of such tanks/water bodies prepared in compliance with Condition No. (xxv) with a total financial outlay of Rs.22,88,500/-.	Technically approved for Rs.22,88,500/- (Rupees twenty-two lakh eighty-elght thousand five hundred) only.

The technically approved revised financial outlays are returned herewith for taking necessary action at your end.

Encl:- As above.

Regional Chief Conservator of Forests,
Rourkela Circle

Memo No. Date:

Copy forwarded to the Chief Conservator of Forests(Forest Diversion & Nodal Officer, FC Act),O/o the Pr.CCF, Odisha for favour of kind information and necessary action with reference to Memo No.3317 dtd.01.06.2021 of the DFO, Keonjhar Division.

Regional Chief Conservator of Forests,
Rourkela Circle

(13)

SCHEME FOR

AFFORESTATION OVER ONE & HALF TIME OF SAFETY ZONE AREA OVER 10.38 HA. OF DEGRADED FOREST LAND IDENTIFIED IN BAITARANI EAST 'A' PRF FOREST BLOCK OF CHAMPUA RANGE

FOR

KHANDABANDHA IRON ORE MINES

UNDER KEONJHAR FOREST DIVISION

OF

M/S ODISHA MINING CORPORATION LTD.

(A GOVT.OF ODISHA UNDERTAKING)

OMC HOUSE, BHUBANESWAR-751001

(As per Additional condition No.2(xii) of the stage-I Forest Clearance granted by MoEF&CC, Govt.of India vide F.No.8-46/2018-FC dt31.01.2019)

(@ Rs. 311.00/- per manday)

ELEMENTS OF THE SCHEME FOR AFFORESTATION OVER 1.5 TIMES SAFETY ZONE AREA

CHAPTER	PARTICULARS	PAGE NUMBER
I	BRIEF NOTE ON THE PROPOSED FOREST DIVERSION PROPOSAL	1 to 1
II	DETAILS OF LAND IDENTIFIED FOR COMPENSATORY AFFORESTATION	2 to 3
III	DELINEATION OF PROPOSED AREA ON SUITABLE MAP	3 to 3
IV	AGENCY RESPONSIBLE FOR COMPENSATORY AFFORESTATION	4 to 4
V	DETAILS OF WORK SCHEDULED PROPOSED FOR COMPENSATORY AFFORESTATION	4 to 6
VI	REQUIREMENT OF FUNDS	6 to 6
VII	PROVISION OF FUNDS AND UTILIZATION	7 to 7
ANNEXURES	COST NORM FOR ANR PLANTATION @400 PLANTS PER HA.- ANNEXURE-I	8 to 10
	BAMBOO TWIGS CONTINUOUS FENCING COST NORM FOR BLOCK OR MULTIROW AVENUE PLANTATION(UNIT- 10 RMT)- ANNEXURE- II	11 to 11

SCHEME FOR AFFORESTATION OVER ONE & HALF TIME OF SAFETY ZONE AREA OVER 10.38 HA IN DEGRADED FOREST LAND IN BAITARANI EAST- A PRF NEAR VILLAGE BASUDEBPUR (CHAMPUA RANGE) OF KEONJHAR FOREST DIVISION IN RESPECT OF KHANDABANDH IRON MINES OF M/s OMC LTD OVER ML AREA 366.311 HA IN KEONJHAR DISTRICT

CHAPTER- I

BRIEF NOTE ON THE PROPOSED FOREST DIVERSION PROPOSAL

Government of India in the Ministry of Environment, Forest and Climate Change has granted Stage-I Forest Clearance vide their letter F.No. 8-46/2018-FC, Dt. 31.01.2019 for diversion of 345.189 hectares of forest land in favour of Khandabandha Iron Ore Mines of M/s Odisha Mining Corporation Limited. Condition no. (xii) of Stage-I FC stipulates that the User Agency shall bear the cost of afforestation in degraded forest land elsewhere to the extent of one and half time of the safety zone area. The safety zone involved in this project being 6.919 ha.

The Range Officer, Champua Range has identified 10.38 ha. of degraded forest land in Baitarani East- A PRF near village Basudebpur. The location of the above degraded forest land has been shown in the map enclosed in the Scheme.

Plantation will be taken up over 10.38 Ha. (1.5 x 6.919) of identified degraded forest area in ANR mode @ 400 plants/Ha. The cost estimate for this plantation calculated as per cost norm for Aided Natural Regeneration (ANR) @ 400 plants per hectare @ Rs. 311.00/Manday is enclosed as **Annexure-1**. Earlier a scheme for afforestation over one and half time of safety zone over an area of 10.38 ha has been approved by RCCF, Rourkela @ Rs. 286.30 per man day, Rs. 298.00 per man day and Rs. 303.40 per man day. Labour Commissioner of Odisha letter no. 2816/LC dt. 25.05.2021 has revised the minimum wage rate to Rs. 311.00/- per man day. In this context the scheme has been revised @ Rs. 311.00/- per man day.

CHAPTER- II

DETAILS OF LAND IDENTIFIED FOR PLANTATION OVER 10.38 IN ANR MODE @ 400 PLANTS/HA

IDENTIFICATION OF DEGRADED FOREST LAND

II(1)- Details of identified Forest land-

An area of 10.38 ha. degraded forest land in Baitarani East- A PRF near village Basudepur has been identified in Champua Range for taking plantation in ANR mode @ 400 plants/Ha. This area is coming under Improvement Working Circle as per Revised Working Plan of Keonjhar Forest Division. The identified degraded forest land is situated in Baitarani East- A PRF near village Basudebpur. The location map is enclosed as Plate-I. The area has been inspected by the Range Officer, Champua Range and found to be suitable for Afforestation and free from encroachment and encumbrances.

II(2)- Character of existing vegetation of the identified site-

The prevailing forest growth has been categorized under forest type- $3C/C_2e$ Moist Peninsular Valley Sal. The vegetation consists of Sal and its associates like Jamu, Sunari, Asana, Karada, Dhaura etc.

II(3)- Working Plan prescription for the identified site –

The special objectives of management for the identified forest block i.e. Baitarani East- A PRF is depicted hereunder -

- To regenerate the degraded forest block by providing silvicultural inputs and protection measures with people's participation through JFM programme.
- To ensure soil and moisture conservation measures to enrich the micro-edaphic conditions for making the forests productive in near future.
- To meet the bonafide needs of the local inhabitants for fuel wood out of thinning and other cultural operations as prescribed.
- To tend the existing crop to get maximum growth.
- To improve the density condition and composition of the crop.

II(4)- Suitability of the identified site –

The identified site in Baitarani East- A PRF near village Basudebpur is a degraded patch with existing vegetation of Sal and Sal associates. Gaps are sporadically spread over the forest block. The topography of the area is almost plain to gentle hilly in the identified area. The soil is mostly hard rock to sandy loam. The average maximum temperature is 42^0 to 45^0C and minimum 5^0 to 10^0 C and annual rainfall varies from 1100 mm to 1800 mm. The maximum rainfall is received during the rainy season from July to September. The identified site is situated adjacent to village Basudebpur. The site has to be demarcated with 4 feet RCC pillars with erection of durable signboard depicting Scheme, Year, User Agency, Area etc. on it. Therefore, the plantation scheme is envisaged to be executed with involvement of Basudebpur VSS.

CHAPTER-III

DELINEATION OF PROPOSED AREA ON SUITABLE MAP

III(1)- GPS COORDINATES AND GPS MAP OF THE PLANTATION SITE

The area has been demarcated through GPS survey and GPS survey data showing latitude and longitude of each point and their chainage with bearing is also enclosed in the map prepared thereon (Maps enclosed).

Decision Support System of degraded forest land identified in Baitarani East- A PRF near village Basudebpur under Champua Range

Sl. No.	Name of the Village	Verified in Decision Support System (in ha)		
		Total Area	Non-forest	Open-forest
1	Baitarani East- A PRF	10.38	10.38	0.00

DSS map is enclosed as Plate- IV.

CHAPTER- IV

AGENCY RESPONSIBLE FOR PLANTATION OVER 10.38 HA

IV(1)- AGENCY RESPONSIBLE FOR PLACEMENT OF FUNDS

The user agency shall provide funds to carry out plantation as per approved scheme. The funds to be deposited in CAMPA Account by the User Agency.

The Territorial Wing of the Forest Department i.e. Divisional Forest Officer, Keonjhar Division shall be assigned with the task for execution of plantation work.

CHAPTER- V

DETAILS OF WORK SCHEDULE PROPOSED OVER 10.38 HA

A. PLANTING PLAN

Planting Plan reflects the species specific treatment of the identified site. Choice of species is based on the geo-morphology of the site, soil-texture, structure, fertility and depth, proneness of the site to water logging etc. Generally planting will be done with a spacing of 2.5 m X 2.5 m.

Species to be planted:-

1. *Sizyzium cumini* (Jamu)
2. *Adina cardifolia* (Kuruma)
3. *Anogeissus latifolia* (Dhaura)
4. *Dalbergia sissoo* (Sissoo)
5. *Azadirrachta indica* (Neem)
6. *Gmelina arborea* (Gambar)
7. *Terminalia chebula* (Harida)

B.PRE-PLANTING OPERATION

B(I)-RAISING OF PLANTATION STOCK- NURSERY-

Nursery will be raised including seedlings for 10% causality replacement i.e. 440 seedlings per hectare will be raised.

B(II)- SURVEY, DEMARCATION & PILLAR POSTING, GPS READING WITH MAPPING-

The planting area has been surveyed and demarcated with four feet height RCC pillars at inter visible distance with GPS coordinates, forward and backward bearing, pillar No. and distance between pillars inscribed in it. A GPS map in the scale of 1:1000 has been prepared along with GPS co-ordinates, forward & backward bearing, pillar to pillar distance and pillar numbers reflected in the map. A sign board shall be erected at a conspicuous location with name of the site, scheme, area etc. depicted on it.

C. PLANTING OPERATION

Planting of seedlings will be taken up in the month of July. The polythene covering the ball of earth will be carefully removed before planting. Care will be taken to see that the ball of earth is not broken while doing so. The seedling with the ball of earth will then be placed firmly in the pit and buried at such a depth that the root collar is well below the surface of the soil. The soil around the plant will be well compacted with the heal as a final step so that there is a proper bond between the plant and the surrounding soil. The earth close to the collar will be slightly elevated so that rain water does not accumulate very close to the plant.

D. POST PLANTING OPERATION

D(1)-CASUALTY REPLACEMENT

The entire area will be gone over in the same order as plantation was carried out and casualties, if any, will be replaced as soon as the main plantation operation is over.

D(2)-WEEDING AND SOIL WORKING

Regular and efficient weeding will start immediately in the month of August- September.

D(3)-MANURING AND INSECTICIDE APPLICATION

On degraded sites urban compost or farmyard manure, wherever available, will be added to the soil while refilling the pits. As regards artificial fertilizers, the

minerals required and dosage will be applied in the month August to September as per the schedule and dosage provided in the Cost Norm.

D(4)-PROTECTION AGAINST FIRE AND GRAZING

Fire line tracing will be ensured to protect the plantation from fire and watch & ward will be provided as per the approved norm for protecting the plantation & protect the plant site from grazing by domestic animals using Bamboo Twig fencing around the plantation site over an area 1697.24 Rmt with involvement of Basudebpur VSS.

CHAPTER-VI

REQUIREMENT OF FUNDS:

For implementation of all prescriptions outlined above, Rs. 17,61,700/- **(Rupees seventeen lakh sixty one thousand seven hundred)** only will be required as detailed below.

1.	ANR plantation @ 400 plants/Ha with 10 years maintenance amounting to Rs. 59902.71/- per Ha. **Expenditure for 10.38 ha (10.38 x 59902.71) = Rs 621790.13**	Rs.	621790.13
2	Staggered trenches @130 MD per ha over 10.38 ha.	Rs.	419663.40
3	Additional incentive (3% of cumulative expenditure upto 4th year) for VSS/Fr./FG proposed for more than 80% survival and very good growth during 4th year of maintenance as per recommendation of DFO and RCCF. @Rs. 1620.74/- for 10.38 ha.	Rs.	16823.28
4	Additional EPA expenses if implemented through VSS at rate Rs.1200/- in 0th Year, Rs.2400/- in 1st Year, Rs.1800/- in 2nd Year, Rs.600/- in 3rd Year, Rs.600/- in 4th Year,Rs.600/- in 5th Year ,Rs.600/- in 6th year, Rs.600/- in 7th year, Rs.600/- in 8th year, Rs.600/- in 9th year, Rs.600/- in 10th year @ Rs. 10200/- per ha for 10.38 ha	Rs.	105876.00
5	Bamboo twigs continuous fencing @ Rs.207.10 /- per Rmt for Rmt including maintenance to be carried out:- Expenditure for ha (Rs. 207.10/- x 1467.542 Rmt) = Rs 303927.95/-	Rs.	303927.95
	TOTAL PLANTATION COST :-	Rs.	1468080.76
8	Add 20% for escalation	Rs.	293616.15
	Total Plantation cost :-	Rs.	**17,61,696.91** Or **17,61,700.00**

(Rupees seventeen lakh sixty one thousand seven hundred) only.

NB:- The cost norm for ANR plantation @400 plants per ha & the cost norm for Bambo Twings continuous fencing for Block Plantation are taken @Rs. 311.00/Manday.

Technically Approved

Regional Chief Conservator of Forests
Rourkela Circle

Divisional Forest Officer,
Keonjhar Division

CHAPTER-VII

PROVISION OF FUNDS AND FUND UTILIZATION

Rs. 17,61,700/- (Rupees seventeen lakh sixty one thousand seven hundred) only shall be deposited by the user agency M/s OMC Ltd on approval of the scheme to the Ad-hoc CAMPA Account and the funds will be utilized for raising plantation over 10.38 ha by the Divisional Forest Officer, Keonjhar Division on allotment by the Principal Chief Conservator of Forests, Odisha, Bhubaneswar.

Divisional Forest Officer,
Keonjhar Division

Annexure-I

COST NORM FOR ANR PLANTATION @ 400 PLANTS PER HECTARE
WAGE RATE Rs. 311.00/- PER MANDAY

0th year (Advance work) Pre-planting operation.

Sl. No	Item of work	Preferable period of execution	person days	Labour (Rs)	Material (Rs)	Total (Rs)
	0th year					
1	Survey demarcation and pillar posting, GPS reading with mapping	Nov/Dec	2	622	0	622
2	Site Preparation	Nov/Dec	2	622	0	622
3	Silviculture Operation including clearance of weed, climber cutting, high stump cutting, singling of shoots etc.	Jan/Feb	5	1555.00		1555.00
4	Nursery cost (6 months old seedling) part @ Rs. 9.45/- seedling (Rs. 6.67 in 0th) year + Rs. 2.78 in 1st year) for 440 seedlings (400+40)		11	3421.00	735.00	4156.00
5	Contingency and unforeseen expenditure		0	0	165.00	165.00
	Sub Total		20	6220.00	900.00	7120.00
	Monitoring & supervision charges 5% of the total cost					356.00
	Total		20	622.00	900.00	7476.00
	1st year					
1	Nursery cost (6 months old seedling) balance @Rs. 2.78 for 440 seedlings	Apr-Jul	5	1555.00	255.00	1810.00
2	Pitting 30 cm cube size	Feb/Mar	12	3732.00	0	3732.00
3	Carriage and planting including casualty replacement	Jul/Aug	10	3110.00	0	3110.00
4	Complete weeding, Soil working, manuring	Aug/Sep	12	3732.00	0	3732.00
5	Cost of vermin compost @200gms/plant @Rs. 20/-per kg=Rs. 1600.00 and Granular insecticide 5 gms/ plant @ Rs. 80 per kg=Rs.160.00	Aug/Sep	0	0	1760.00	1760.00
6	Cost of chemical fertilizer (a) Urea 70 gms/plant in two subsequent doses @ Rs.6 per kg =Rs 168.00 (b) NPK 50 gms/plant @ Rs. 24/- per kg= Rs. 480.00 as basal dose		0	0	648.00	648.00
7	Silvicultural operation involving clearance of weeds, cutting of climbers, singling of shoots etc.	Sep/Oct	15	4665.00	0	4665.00
8	Soil Conservation Measures (Staggered trenches of dimension 2 m x o.5 mx 0.5 m@ 60 nos per ha) or its equivalent	Sep/Oct	20	6220.00	0	6220.00
9	Fire line Tracing and inspection path	Feb/Mar	3	933.00	0	933.00
10	Watch & ward	Aug-Mar	7	2177.00	0	2177.00
11	Contingency and unforeseen expenditure		0	0	319.00	319.00
	Sub Total		84	26124.00	2982.00	29106
	Monitoring & supervision charges 5% of the total cost					1455.30
	Total		84	26124	2982.00	30561.30
	2nd year					

1	Casualty Replacement including cost of seedling, carriage and planting	Jul/Aug	2	622.00	497.20	1119.00
2	Complete weeding and cultural operations	Sep/Oct	4	1244.00	0	1244.00
3	Soil working and manuring	Sep/Oct	4	1244.00	0	1244.00
4	Cost of fertilizer and insecticide (a) Vermi compost 200 gms/plant @ Rs. 20/ per kg=Rs.1600 (b) Granular insecticide 5 gms/plant for 40 plants 200gms @ Rs. 80/- per kg=Rs.16.00	Sep/Oct	0	0	1616.00	1616.00
5	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
6	Soil conservation Measures (Renovation of staggered trenches etc.)	Sep/Oct	8	2488.00	0	2488.00
7	Watch & ward (whole year)	Apr-Mar	7	2777.00	0	2777.00
8	Contingency and unforeseen expenditure		0	0	362.00	362.00
	Sub Total		26	8086.00	2475.20	10561.20
	Monitoring & supervision charges 5% of the total cost					528.06
	Total		26	8086.00	2475.20	11089.26
	3rd Year					
1	Complete weeding and cultural operations	Aug/Sep	2	622.00	0	622.00
2	Soil working	Aug/Sep	2	622.00	0	622.00
3	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
4	Watch & ward (whole year)	Apr-Mar	7	2177.00	0	2177.00
	Sub Total		12	3732.00	0	3732.00
	Monitoring & supervision charges 5% of the total cost					186.60
	Total		12	3732.00	0	3918.60
	4th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
2	Watch & ward and cultural operation	Apr-Mar	2	622.00	0	622.00
	Sub-Total		3	933.00	0	933.00
	Monitoring & supervision charges 5% of the total cost					46.65
	Total		3	933.00	0	979.65
	5th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
2	Watch & ward and cultural operation	Apr-Mar	2	622.00	0	622.00
	Sub-Total		3	933.00	0	933.00
	Monitoring & supervision charges 5% of the total cost					46.65
	Total		3	933.00	0	979.65
	6th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
2	Watch & ward and cultural operation	Apr-Mar	2	622.00	0	622.00
	Sub-Total		3	933.00	0	933.00
	Monitoring & supervision charges 5% of the total cost					46.65
	Total		3	933.00	0	979.65
	7th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
2	Watch & ward and cultural operation	Apr-Mar	2	622.00	0	622.00

	Sub-Total		3	933.00	0	933.00
	Monitoring & supervision charges 5% of the total cost					46.65
	Total		3	933.00	0	979.65
	8th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
2	Watch & ward and cultural operation	Apr-Mar	2	622.00	0	622.00
	Sub-Total		3	933.00	0	933.00
	Monitoring & supervision charges 5% of the total cost					46.65
	Total		3	933.00	0	979.65
	9th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
2	Watch & ward and cultural operation	Apr-Mar	2	622.00	0	622.00
	Sub-Total		3	933.00	0	933.00
	Monitoring & supervision charges 5% of the total cost					46.65
	Total		3	933.00	0	979.65
	10th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
2	Watch & ward and cultural operation	Apr-Mar	2	622.00	0	622.00
	Sub-Total		3	933.00	0	933.00
	Monitoring & supervision charges 5% of the total cost					46.65
	Total		3	933.00	0	979.65

ABSTRACT

Year	Person days	Labour	Material	Monitoring & Supervision charge 5% of the total cost	Total
0th Year	20	622.00	900.00	356.00	7476.00
1st Year	84	26124	2982.00	1455.30	30561.30
2nd Year	26	8086.00	2475.20	528.06	11089.26
3rd Year	12	3732.00	0	186.60	3918.60
4th Year	3	933.00	0	46.65	979.65
5th Year	3	933.00	0	46.65	979.65
6th Year	3	933.00	0	46.65	979.65
7th Year	3	933.00	0	46.65	979.65
8th Year	3	933.00	0	46.65	979.65
9th Year	3	933.00	0	46.65	979.65
10th Year	3	933.00	0	46.65	979.65
Total	163	45095.00	6357.20	2852.51	59902.71

BAMBOO TWIGS CONTINUOUS FENCING COST NORM FOR BLOCK OR MULTIROW AVENUE PLANTATION (UNIT- 10 RMT)

Sl. No	Item/ Description	Labour in Mandays	Lobour Cost (Rs)	Material Cost (Rs)	Total Cost in (Rs)
1	Cost of 6 bamboo poles-equivalent to one long bamboo @Rs.150/-	0	0	150	150
2	Cost of bamboo twigs 1/2 cartload of approximately 2m height @ of Rs.700/- per cartload	0	0	350	350
3	Cost of 2 nos of split bamboo @ Rs.50/- per whole piece	0	0	100	100
4	Binding GI wire -120ft @Rs 0.50 per ft	0	0	60	60
5	Transportation cost @Rs. 10 per rmt	0	0	100	100
6	Cost of Sand & Chloropyriphos			100	100
7	Labour Cost for digging of 30 cm deep holes by crowbar at a distance of 30 cms over 10 mts length, Putting Bamboo Twigs inside the holes and time with help of split bamboo and binding GI wire, including application mixture of Sand and Chloropyriphos	1	311.00	0	311.00
	TOTAL (Planting Year)	1	311.00	860	1171.00
	Cost per Rmt= Rs.117.10/-				
	Repair and maintenance of fence per rmt in 2nd Year				Rs.40
	Repair and maintenance of fence per rmt in 3rd Year				Rs.50
	Materials required (10 Running Meter)				
1	Bamboo Poles (Bambusa vulgaris) each of 2.1 m long		6 pieces (1 long bamboo)		
2	Bamboo twigs		1/2 cartload		
3	Split Bamboo(Dendrocalamus strictus)- each 10 m long		4 pieces (or 2 whole pieces)		
4	Binding GI Wire		120 rft		
5	Sand		7 cft		
6	Chloropyriphos		0.25 kg		

OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION

Phone No- 06766-254315, email ID- dfokjr.od@gov.in

No. 5454 /6F-Mining-15/2017
Dated, Keonjhar, the 08-09- 2020

To

The Executive Director, F&E,
M/s OMC Ltd, OMC House,
Bhubaneswar- 751001

Sub: Proposal for diversion of 345.189 ha forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd in Keonjhar district, Odisha.

X-Sub: **Demand of funds towards scheme of 1.5 times safety zone & gap planting and soil & moisture conservation measures to restock and rejuvenate the degraded open forests located within 100 mtr from outer perimeter of mining lease.**

Ref: Memo No. 2285 dt. 21.08.2020 of Regional Chief Conservator of Forests, Rourkela Circle, Rourkela.

Sir,

With reference to the aforementioned memo on the captioned subject, you are requested to deposit the approved amount of Rs. 50,89,200/- (Rupees fifty lakh eighty-nine thousand two hundred) only towards scheme of 1.5 times safety zone & gap planting and soil & moisture conservation measures to restock and rejuvenate the degraded open forests located within 100 mtr from outer perimeter of mining lease as per current wage rate 303.40/- per mandays through e-portal of MoEF&CC as provided in the https://parivesh.nic.in/ and the proof/evidence of the deposit of fund be submitted to this office for further necessary action at this end.

Sl. No.	Particulars	Area (in ha)	Amount to be deposited as per current wage rate of Rs 303.40/- per mandays (Rs.)
1	1.5 times safety zone over 10.38 ha	10.38	1732600.00
2	gap planting and soil & moisture conservation measures to restock and rejuvenate the degraded open forests located within 100 mtr from outer perimeter of mining lease	16.136	3356600.00
	Total		5089200.00

(Rupees fifty lakh eighty-nine thousand two hundred) only

Yours faithfully,

Divisional Forest Officer,
Keonjhar Division.

(2)

Memo No. 5455/Dated 08-09-2020

Copy forwarded to the Regional Chief Conservator of Forests, Rourkela Circle, Rourkela/ Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar for favour of kind information and necessary action.

Divisional Forest Officer,
Keonjhar Division.

11/11/2020

60935/2020/F & E

NEFT RTGS CHALLAN

AGENCY COPY

NEFT / RTGS CHALLAN for Ad-HOC CAMPA

Date : 11-11-2020

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	5887070699
MoEF/SG File No.	8-46/2018-FC
Location.	ORRISA
Address.	OMC HouseKhordha
Amount(in Rs)	155535502/-

Amount in Words :Fifteen Crore Fifty-Five Lakh Thirty-Five Thousand Five Hundred and Two Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	CORP0000371
Pay to Account No.	150825887070699 Valid only for this challan amount.
Bank Name & Address:	Corporation Bank Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

BANK COPY

NEFT / RTGS CHALLAN for Ad-HOC CAMPA

Date : 11-11-2020

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	5887070699
MoEF/SG File No.	8-46/2018-FC
Location.	ORRISA
Address:	OMC House Khordha
Amount(in Rs)	155535502/-

Amount in Words :Fifteen Crore Fifty-Five Lakh Thirty-Five Thousand Five Hundred and Two Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	CORP0000371
Pay to Account No.	150825887070699 Valid only for this challan amount.
Bank Name & Address:	Corporation Bank Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

After making successful payment, User Agencies may send a line of confirmation through Email: helpdeskcampa@corpbank.co.in

Srikanta Mohapatra
Sr. Manager (Finance)
The Odisha Mining Corporation Ltd.
Bhubaneswar

Sl. No.	Amount in Rs.	Details
1	10,24,55,700/-	Compensatory Afforestation Scheme
2	1,39,37,100/-	Additional Compensatory Afforestation
3	40,16,000/-	Differential cost of Site Specific Wildlife Conservation Plan
4	3,00,37,502/-	Regional Wildlife Management Plan
5	17,32,600/-	1.5 times Safety Zone
6	33,56,600/-	Gap plantation and soil moisture conservation activities
Total	15,55,35,502/-	

Ubina20318549222

13-11-2020

OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION
Phone No- 06766-254315, email ID- dfokjr.od@gov.in

No. 3696 /Mining-
Dated, Keonjhar, the 25/06/ 2021

To

The Executive Director, P&E,
M/s OMC Ltd, OMC House,
Bhubaneswar- 751001

Sub: Diversion of 345.189 ha forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd in Keonjhar district, Odisha.

X-Sub: **Differential demand of funds towards for afforestation over one & half time of safety zone and gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests.**

Ref: This office memo No. 5454 dated 08.09.2020 & memo No. 1478 dated 11.06.2021 of Regional Chief Conservator of Forests, Rourkela Circle, Rourkela.

Sir

With reference to the aforementioned memos on the captioned subject, you are requested to deposit the differential amount of Rs. 74,600/- (Rupees seventy-four thousand six hundred) only towards the cost of following schemes at the current wage rate of Rs. 311/- per manday in compliance with the condition No. 2(xii) & 2(xxiii) of Stage- I approval order of the MoEF&CC, GOI dated 31.01.2019 through e-portal of MoEF&CC as provided in the **https://parivesh.nic.in/** and the proof/evidence of the deposit of fund be submitted to this office for further necessary action at this end.

Particulars	Amount to be deposited as per revised wage rate of Rs. 311/- per man-day (Rs.)	Amount deposited earlier by the User Agency (Rs.)	Balance to be deposited (Rs.)
Scheme for afforestation over one & half time of safety zone area over 10.38 ha of degraded forest land identified in Baitarani East (A) PRF under Champua Range.	1761700.00	1732600.00	29100.00
Scheme for Gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests located in the area within 100 mtr from outer perimeter of the mining lease.	3402100.00	3356600.00	45500.00
Total	**5163800.00**	**5089200.00**	**74600.00**

(Rupees seventy-four thousand six hundred) only

Yours faithfully,

25/06/2021

Divisional Forest Officer,
Keonjhar Division.

Memo No. 3697 (2) / Dated. 25/06/21

Copy submitted to the Regional Chief Conservator of Forests, Rourkela Circle, Rourkela/ Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar for favour of kind information and necessary action.

25/06/2021

Divisional Forest Officer,
Keonjhar Division.

AGENCY COPY

Union Bank

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 15-07-2021

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	6887070369
MoEF/SG File No.	8-46/2018-FC
Location.	ORRISA
Address.	OMC HouseKhordha
Amount(in Rs)	8752000/-

Amount in Words Eighty-Seven Lakh Fifty-Two Thousand Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	UBIN0903710
Pay to Account No.	160025887070369 Valid only for this challan amount.
Bank Name & Address:	Union Bank Of India Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

BANK COPY

Union Bank

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 15-07-2021

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	6887070369
MoEF/SG File No.	8-46/2018-FC
Location.	ORRISA
Address:	OMC House Khordha
Amount(in Rs)	8752000/-

Amount in Words Eighty-Seven Lakh Fifty-Two Thousand Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	UBIN0903710
Pay to Account No.	160025887070369 Valid only for this challan amount.
Bank Name & Address:	Union Bank Of India Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

After making successful payment, User Agencies may send a line of confirmation through Email: helpdeskcampa@corpbank.co.in

Note:After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date to Email: cb0371@unionbankofindia.com

UBINJ21197384846

16/07/2021

S. Mohapatra
Dy. General Manager (Fin)

Details	Amount in Rs.
Differential cost CA scheme	83,63,900.00
Differential cost of additional CA scheme	3,13,500.00
Differential cost of 1.5 times SZ	29,100.00
Differential cost of Gap planting and SMC activities	45,500.00
Total	**87,52,000.00**

PROFORMA FOR VERIFICATION OF DEPOSITS IN COMPENSATORY AFFORESTATION FUND

1.	Name of Office	Bhubaneswar
2.	State/District/Forest Division to which the proposal relates	Odisha/ Keonjhar/ Keonjhar Forest Division
3.	Name of User Agency, nature of proposal	M/s Odisha Mining Corporation Limited (A Govt. of Odisha Undertaking),
4.	Nature and category of proposal	Mining of Iron Ore
5.	Proposal number	FP/OR/MIN/8707/2014 (Khandbandh Iron Mining Lease)
6.	Extent of forest area involved	345.189 ha
7.	Whether original or extension	Original
8.	If extension of lease, please clarify if proposal involves additional forest area and if so, specify	NA
9.	Date of 1st Stage clearance	F.No.8-46/2018-FC, Dated.31.01.2019 for 345.189 ha.
10.	**Extent of CAMPA charges, head wise viz.:**	
	(a) Compensatory Afforestation	Rs. 11,08,19,600/- (3,36,62,700/- + 6,87,93,000/-+ 35,94,000/- + 47,69,900/-)
	(b) Additional Compensatory Afforestation	Rs. 1,42,50,600/- (1,39,37,100/- + 3,13,500/-)
	(c) Penal Compensatory Afforestation	Nil
	(d) Catchment Area Treatment	Nil
	(e) Wildlife Management Plan	
	i) Site Specific Wildlife Conservation Plan	Rs. 5,08,86,000/- (37060000/- + 4016000/- +98,10,000/-)
	ii) Regional Wildlife Management Plan	Rs. 3,00,37,502/-
	(f) Additional charges for diversion of area failing undernotified/protected areas	Nil
	(g) Net Present Value	Rs. 24,32,11,451/- (Rs.7, 48, 75,100/- + Rs 12,07,67,550/- + Rs. 4,75,68,801/-)
	(h) Any other charges/levies (Please specify)	
	i) Penal NPV	Rs. 47,11,96,750/-
	ii) Safety Zone	Nil
	iii) 1.5 times Safety Zone	Rs 17,61,700/- (17,32,600/- + 29,100/-)
	iv) Scheme for Gap plantation and soil moisture conservation activities within 100 mtr from ML boundary	Rs.34,02,100/- (33,56,600/- + 45,500/-)
	v Interest on belated payment of NPV	Rs. 1,78,670/-
	Total	**Rs. 92,57,44,373/-**
11.	Whether payment made through challan or otherwise. In case of online payment, details of challan.	
12.	Details of deposits	

Sl No.	Type of deposit (NPV/CA/ IWMP/ Others (specify)}	Whether by RTGS/DD/ NEFT (Specify)	UTR/ DD No.	Amount deposited (Rs.)	Date of deposit	Name of Bank from which amount transferred to account of CAF	Bank Account of CAF managed by CAMPA in which fund deposited

ANNEXURE -XV

i)	NPV	DD	717349 to 717424	7,48,75,100/- (717349 to 717424 total 76 nos of DD)	09.09.2006	A/c No. 105911011000001, Andra Bank, OMC Campus Branch, Bhubaneswar, Odisha	Compensatory Afforestation Fund (CAF), ORISSA, A/c. No.- CA-1585, Corporation Bank, Lodhi Road, New Delhi.
		DD	650823	12,07,67,550/-	21.07.2010	State Bank of India, Main Branch, Bhubaneswar	Compensatory Afforestation Fund (CAF), ORISSA, A/c. No.- CA-1585, Corporation Bank, Lodhi Road, New Delhi.
		Online payment	ANDBH19267382500	47,11,96,750/- (An amount of Rs. Rs. 51,87,65,551/- has been transferred which includes Rs. 47,11,96,750/-)	24.09.2019	A/c No. 105911011000001, Andra Bank, OMC Campus Branch, Bhubaneswar, Odisha	A/c No. 150825887070438, Corporation Bank, Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi - 110003
ii)	Interest on belated payment of NPV	RTGS	ANDBN14067595317	1,78,670/-	07.03.2014	A/c No. 105911011000001, Andra Bank, OMC Campus Branch, Bhubaneswar, Odisha	Compensatory Afforestation fund management and planning authority (CAMPA) A/c No. 344902010105428, Union Bank of India, Sunder Nagar, New Delhi, IFSC Code-UBIN0534498
iii)	Penal NPV	Online payment	ANDBH19267382500	4,75,68,801/- (An amount of Rs. Rs. 51,87,65,551/- has been transferred which includes Rs. 4,75,68,801/-)	24.09.2019	A/c No. 105911011000001, Andra Bank, OMC Campus Branch, Bhubaneswar, Odisha	A/c No. 150825887070438, Corporation Bank, Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi - 110003
iv)	Compensatory Afforestation Scheme	Online payment	UBINA20318549222	10,24,55,700/- (An amount of Rs. Rs. 15,55,35,502/- has been transferred which includes Rs. 10,24,55,700/-)	13.11.2020	A/c No. 105911011000001, Andra Bank, OMC Campus Branch, Bhubaneswar, Odisha	A/c No. 150825887070699, Corporation Bank, Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi - 110003
	Differential cost of Compensatory Afforestation	Online payment	UBINJ21197384846	83,63,900/- (An amount of Rs. 87,52,000/ has been transferred which includes Rs. 83,63,900/-)	16.07.2021	A/c No. 105911011000001, Andra Bank, OMC Campus Branch, Bhubaneswar, Odisha	A/c No. 150825887070369, Corporation Bank, Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi - 110003
v)	Additional Compensatory Afforestation	Online payment	UBINA20318549222	1,39,37,100/- (An amount of Rs. Rs. 15,55,35,502/- has been transferred which includes Rs. 11,39,37,100/-)	13.11.2020	A/c No. 105911011000001, Andra Bank, OMC Campus Branch, Bhubaneswar, Odisha	A/c No. 150825887070699, Corporation Bank, Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi - 110003
	Differential cost of Additional Compensatory Afforestation	Online payment	UBINJ21197384846	3,13,500/- (An amount of Rs. 87,52,000/ has been transferred which includes Rs. 3,13,500/-)	16.07.2021	A/c No. 105911011000001, Andra Bank, OMC Campus Branch, Bhubaneswar, Odisha	A/c No. 150825887070369, Corporation Bank, Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi - 110003

vi)	Site Specific Wildlife Conservation Plan	Online payment	ANDBH19206649652	3,70,60,000/-	25.07.2019	A/c No. 105911011000001, Andra Bank, OMC Campus Branch, Bhubaneswar, Odisha	A/c No. 150825887070934, Corporation Bank, Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi - 110003
		Online payment	UBINA20318549222	40,16,000/- (An amount of Rs. Rs. 15,55,35,502/- has been transferred which includes Rs. 4016000/-)	13.11.2020	A/c No. 105911011000001, Andra Bank, OMC Campus Branch, Bhubaneswar, Odisha	A/c No. 150825887070699, Corporation Bank, Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi - 110003
		Online payment	UBINJ21218304942	98,10,000/-	06.08.2021	A/c No. 105911011000001, Andra Bank, OMC Campus Branch, Bhubaneswar, Odisha	A/c No. 150825887070251, Union Bank of India, Lodhi Complex Branch, Block 11, CGO Complex, Phase-I, Lodhi Road, New Delhi-110003.
vii)	Regional Wildlife Management Plan	Online payment	UBINA20318549222	3,00,37,502/- (An amount of Rs. Rs. 15,55,35,502/- has been transferred which includes Rs. 3;00,37,502/-)	13.11.2020	A/c No. 105911011000001, Andra Bank, OMC Campus Branch, Bhubaneswar, Odisha	A/c No. 150825887070699, Corporation Bank, Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi - 110003
viii)	1.5 times Safety Zone	Online payment	UBINA20318549222	17,32,600/- (An amount of Rs. Rs. 15,55,35,502/- has been transferred which includes Rs. 17,32,600/-)	13.11.2020	A/c No. 105911011000001, Andra Bank, OMC Campus Branch, Bhubaneswar, Odisha	A/c No. 150825887070699, Corporation Bank, Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi - 110003
		Online payment	UBINJ21197384846	29,100/- (An amount of Rs. 87,52,000/ has been transferred which includes Rs. 29,100/-)	16.07.2021	A/c No. 105911011000001, Andra Bank, OMC Campus Branch, Bhubaneswar, Odisha	A/c No. 150825887070369, Corporation Bank, Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi - 110003
ix)	Gap plantation and soil moisture conservation activities	Online payment	UBINA20318549222	33,56,600/- (An amount of Rs. Rs. 15,55,35,502/- has been transferred which includes Rs. 33,56,600/-)	13.11.2020	A/c No. 105911011000001, Andra Bank, OMC Campus Branch, Bhubaneswar, Odisha	A/c No. 150825887070699, Corporation Bank, Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi - 110003
		Online payment	UBINJ21197384846	29,100/- (An amount of Rs. 87,52,000/ has been transferred which includes Rs. 29,100/-)	16.07.2021	A/c No. 105911011000001, Andra Bank, OMC Campus Branch, Bhubaneswar, Odisha	A/c No. 150825887070369, Corporation Bank, Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi - 110003

Date:
Place:

Divisional Forest Officer
Keonjhar Forest Division

Addl. Principal Chief Conservator of Forests (Nodal)
Odisha

ANNEXURE-X

60744(4)/2020/O/o MD(OMC)

ANNEXURE -XVI

(10)

URGENT
By Mail

Government of Odisha
Steel & Mines Department
*****

No 9566 /SM, Bhubaneswar, Dated the 09.11.2020
III(A)SM-14/2013

From

Sri S K Mohanty,
Under Secretary to Government

To

The Managing Director,
OMC Ltd, Bhubaneswar

Sub: Execution of Supplementary Lease Deed over the extended lease validity period of the Mining Lease of OMC for iron ore over 366.311 ha in village Khandabandha, Jajang, Guruda and Jalahari under Champua sub-division of Keonjhar district.

Ref: OMC letter No 12243/OMC/2020, dated 13.10.2020 and letter no 11248/OMC/2020, dated 18.09.2020

Sir,

With reference to the subject and letter cited above, I am directed to say that Government has been pleased to allow further 01 (one) year time w.e.f 25.09.2020 for execution of Supplementary Lease Deed in respect of Mining Lease of OMC for iron ore over 366.311 ha in village Khandabandha, Jajang, Guruda and Jalahari under Champua sub-division of Keonjhar district.

Yours faithfully,

9-11-2020

Under Secretary to Government

Memo No 9567 /SM, dated 09.11.2020

Copy forwarded to the Director of Mines, Odisha, Bhubaneswar/Collector, Keonjhar for information and necessary action.

9-11-2020

Under Secretary to Government

ANNEXURE: -XVII
Series.

OFFICE OF THE COLLECTOR & DISTRICT MAGISTRATE; KEONJHAR

No. /Rev. Dt.

To

The Divisional Forest Officer,
Keonjhar Division, Keonjhar

Sub: Issue of Certificate regarding compliance of Schedule Tribe and Other Forest Dwellers (Recognition of Forest Right) Act,2006 regarding Diversion forestland measuring Hc.294.53 for mining activities in Khandabandh Iron & Manganese Mines of M/s OMC Ltd..

Ref:- Memo No.17595/F&E/Dt.24.10.2009 communicated by Joint Secretary to Govt., Forest & Environment Department, Orissa.

Sir,

With reference to the memo on the subject cited above, I am to send herewith the Certificate regarding compliance of Schedule Tribe and Other Forest Dwellers (Recognition of Forest Right) Act, 2006 in respect of proposed diversion of forestland measuring Hc.294.53 in village Khandabandh, Guruda, Jalahari, Jaroli and Jajanga under Barbil Tahasil for mining activities in Khandabandh Iron & Manganese Mines of M/s OMC Ltd alongwith the Gramsabha resolutions of the said villages.

Yours faithfully,

Encl:- As above.

Collector, Keonjhar

Memo No. 235 /Rev/ Dt 18.01.13

Copy forwarded to the Regional Manager, OMC Ltd, Barbil, Keonjhar for information and necessary action.

Collector, Keonjhar

Memo No. /Rev/ Dt

Copy forwarded to the Sub-Collector, Champua alongwith Case record No.255/2012 for information and necessary action

Collector, Keonjhar

REGARDING COMPLIANCE OF SCHEDULED TRIBES ,& OTHER TRADITINAL FOREST DWELLERS (RECOGNITION OF FOREST RIGHT) ACT, 2006 IN RESPECT OF DIVERSION OF FORESTLAND MEASURING Ha.294.53 OR Ac.727.81 FOR MINING ACTIVITIES IN KHANDABANDH IRON & MANGANESE MINES OF M/S O.M.C. LTD

01. It is certified that the complete process for identification and settlement of rights under the Scheduled Tribes & Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 has been carried out for the entire Forest area of Ha.294.53 proposed for diversion at village Khandabandh, Guruda, Jalahari, Jaroli and Jajanga under Barbil Tahasil for mining activities in Khandabandh Iron & Managanese mines by the User Agency M/s OMC Ltd. It is pertinent to mention that 08 beneficiaries have occupied Ac.1.08 in the proposed diversion area in respect of Plot No.64 under Khata No.40 in village Khandabandh and their individual claim applications have been received at SDLC level. Rights of those claimants will be settled in due course of time according to their eligibility under F.R.Act. The concerned record of all consulations and meeting held are annexed in shape of Gram Sabha Resolutions.

02. It is certified that the proposal for such diversion has been placed before each Gram Sabhas in presence of more than 50% of members (Voters) of Gram Sabha where the details of the projects and its implication have been explained to them in vernacular language.

03. It is certified that discussions and decisions on such proposals had taken place only when there was a quorum of minimum 50% of the members of the Gram Sabha present.

04. It is certified that the rights of primitive Tribal Groups and pre-agricultural communities have been specifically safeguarded as per section 3(1) (e) of the Forest Rights Act.

05. It is certified that the diversion of Forest land for facilities managed by Government as required u/s 3(2) of the Forest Rights Act (if any) have been completed and the Gram Sabha has consented to it.

17/1/13

COLLECTOR, KEONJHAR
CHAIRMAN, D.L.C

ENGLISH TRANSLATION OF GRAMSABHA MEETING

Village- **KHANDBANDH**
Date- 21.8.2011
Place- Khandbandh village Road
Time- 10.00 A.M.

A Gramsabha was conducted to-day dated 21.8.2011 in village Khandbandh under the chairmanship of Sri Radhakanta Nayak, Sarapanch. In presence of more than 60% members of Gramsabha and Forest committee, the following issues were discussed in the Gramsabha Meeting.

1) M/s Odisha Mining Corporation Limited has applied for issue of clearance certificate for diversion of forest land measuring **268.987 hectares** for non-forest use (Mining) of Khandbandh M.L. in village Khandbandh which was thoroughly discussed in the meeting.
2) The aim, objectives and the use of the said diversion proposal was discussed thoroughly in the Gramsabha Meeting.
3) The Rules and Regulations of the Scheduled Tribes and other Traditional Forest dwellers (Recognition of Forest Rights) Act, 2006were discussed keeping in view the said forest diversion proposal. The above proposed land is coming within mining leasehold area of M/s Odisha Mining Corporation Ltd. No Scheduled Tribe or other traditional forest dwellers are cultivating, residing and doing other traditional activity within the proposed forest land and no Forest Right (Individual or Community) has been granted to any Scheduled Tribe or other traditional forest Dwellers within the forest land proposed for diversion.

Hence, it was unanimously resolved in the Gramsabha for issue of clearance certificate under Forest Right Act, 2006 for proposed diversion of **268.987 hectares** of forest land for non-forest use i.e, for mining purpose by M/s Odisha Mining Corporation Ltd.

Sd/-
Sarapanch, Jalahari G.P.

Sd/-
Members of Gramsabha

ଗ୍ରାମ ସଭା ବୈଠକ

ଗ୍ରାମ:- **ଖଣ୍ଡବନ୍ଧ**

ତାରିଖ :- ୨୧ - ୦୮ - ୨୦୧୧

ସ୍ଥାନ :- ଖଣ୍ଡବନ୍ଧ ଗ୍ରାମ ଦାଣ୍ଡ

ସମୟ :- ପୂର୍ବାହ୍ନ ୧୦. ଘଟିକା

ଅଦ୍ୟ ତା ୨୧-୦୮-୧୧ ରିଖ ଉଦ୍ଧିକାଠ ଦିନ ଖଣ୍ଡବନ୍ଧ ଗ୍ରାମ ଦାଣ୍ଡରେ ଅଧ୍ୟକ୍ଷ ଶ୍ରୀ ରାଧାକାନ୍ତ ନାଗଲ ସରପଞ୍ଚ ଙ୍କ ସଭାପତିତ୍ୱରେ ଏକ ଗ୍ରାମସଭା ଅନୁଷ୍ଠିତ ହୋଇଥିଲା । ଏଥିରେ ଶତକଡା ୬୦ ଭାଗରୁ ଉର୍ଦ୍ଧ୍ୱ ଗ୍ରାମସଭା ସଦସ୍ୟ ଓ ଗ୍ରାମ୍ୟ ଜଙ୍ଗଲ କମିଟି ସଦସ୍ୟ ଉପସ୍ଥିତ ଥାଇ ନିମ୍ନଲିଖିତ ବିଷୟମାନ ଆଲୋଚନା କରାଗଲା ।

୧) ଓଡିଶା ଖଣି ନିଗମ ଅଧିନରେ ଥିବା ଖଣ୍ଡବନ୍ଧ ଖଣି ପାଇଁ ଜରୋଳି ମୌଜାରେ ୨୬୮.୯୮୭ ହେକ୍ଟର ଜଙ୍ଗଲ ଜମିକୁ ଡାଇଭର୍ସନ କରାଯାଇ ଅଣଜଙ୍ଗଲ (ଖଣି ଖନନ) ଉଦ୍ଦେଶ୍ୟରେ ବ୍ୟବହାର କରିବା ପାଇଁ ଆବେଦନ କରିଥିବା ଦରଖାସ୍ତର ପୁଙ୍ଖାନୁପୁଙ୍ଖ ଆଲୋଚନା କରାଗଲା ।

୨) ଉକ୍ତ ଡାଇଭର୍ସନ ପ୍ରପୋଜାଲର ଉଦ୍ଦେଶ୍ୟ ଏବଂ ତାହାର କାର୍ଯ୍ୟକାରିତା ସମ୍ବନ୍ଧରେ ବିଷଦ୍‌ଭାବରେ ବୈଠକରେ ଆଲୋଚନା କରାଗଲା ।

୩) ଉକ୍ତ ଜଙ୍ଗଲ ଜମିର ଡାଇଭର୍ସନ ପ୍ରପୋଜାଲକୁ ଆଖି ଆଗରେ ରଖି ଅନୁସୂଚିତ ଜନଜାତି ଏବଂ ଅନ୍ୟାନ୍ୟ ପାରମ୍ପରିକ ବନବାସୀଙ୍କର (ଜଙ୍ଗଲ ସ୍ୱୀକୃତି ଅଧିକାର) ଆଇନ୍ ୨୦୦୬ର ସମସ୍ତ ନୀତି ନିୟମ ସମ୍ପର୍କରେ ବୈଠକରେ ଆଲୋଚନା କରାଗଲା । ଉକ୍ତ ଡାଇଭର୍ସନ ପ୍ରସ୍ତାବିତ ଜଙ୍ଗଲ ଜମି ଓଡିଶା ଖଣି ନିଗମଙ୍କର ମାଇନିଙ୍ଗ୍ ଲିଜ୍ ପରିସରଭୁକ୍ତ ଅଟେ । କୌଣସି ଅନୁସୂଚିତ ଜନଜାତି ଏବଂ ଅନ୍ୟାନ୍ୟ ପାରମ୍ପରିକ ବନବାସୀ ଉକ୍ତ ଜଙ୍ଗଲ ଜମିରେ ଚାଷ, ଘର କିମ୍ବା ଅନ୍ୟାନ୍ୟ ପାରମ୍ପାରିକ ବୃତ୍ତି କରୁନାହାନ୍ତି । ଏଥିମଧ୍ୟରେ କୌଣସି ଅନୁସୂଚିତ ଜନଜାତି ଏବଂ ଅନ୍ୟାନ୍ୟ ପାରମ୍ପାରିକ ବନବାସୀଙ୍କୁ ବ୍ୟକ୍ତିଗତ, ଗୋଷ୍ଠୀଗତ ଜଙ୍ଗଲ ଅଧିକାର ସ୍ୱୀକୃତି ପ୍ରଦାନ କରାଯାଇ ନାହିଁ ।

ଏଣୁ ଉକ୍ତ ୨୬୮.୯୮୭ ହେକ୍ଟର ଜଙ୍ଗଲ ଜମିକୁ ଅଣଜଙ୍ଗଲ ଉଦ୍ଦେଶ୍ୟରେ ଡାଇଭର୍ସନ କରି ଓଡିଶା ଖଣି ନିଗମଙ୍କ ଦ୍ୱାରା ଏଥିରେ ଖଣି ଖନନ କରାଯିବା ସପକ୍ଷରେ ସର୍ବସମ୍ମତି କ୍ରମେ ଏହି ବୈଠକରେ ଗୃହିତ ହେଲା ।

Booth/102

ଆପଣଙ୍କର ବିଶ୍ୱସ୍ତ

୧।	Sunaram Munda	87 ✓
୨।	Mita Munda	357 ✓
୩।	ଉଦିତ ମୁଣ୍ଡା	428 ✓
୪।	[illegible]	235 ✓
୫.	Sukura Munda	254 ✓
୬.	[illegible]	433 ✓
୭.	Muna Munda	258 ✓

SARPANCH
JALAHARI GRAM PANCHAYAT
JODA BLOCK, DIST-KEONJHAR

(7)

ENGLISH TRANSLATION OF GRAMSABHA MEETING

Village- **GURUDA**
Date- 22.8.2011
Place- Guruda Danda
Time- 3.00 P.M.

A Gramsabha was conducted to-day dated 22.8.2011 in village Guruda under the chairmanship of Srimati Jatri nayak, Sarapanch. In presence of more than 60% members of Gramsabha and Forest committee, the following issues were discussed in the Gramsabha Meeting.

1) M/s Odisha Mining Corporation Limited has applied for issue of clearance certificate for diversion of forest land measuring **1.770 hectares** for non-forest use (Mining) within Khandbandh M.L. in village Guruda which was thoroughly discussed in the meeting.
2) The aim, objectives and the use of the said diversion proposal was discussed thoroughly in the Gramsabha Meeting.
3) The Rules and Regulations of the Scheduled Tribes and other Traditional Forest dwellers (Recognition of Forest Rights) Act, 2006 were discussed keeping in view the said forest diversion proposal. The above proposed land is coming within mining leasehold area of M/s Odisha Mining Corporation Ltd. No Scheduled Tribe or other traditional forest dwellers are cultivating, residing and doing other traditional activity within the proposed forest land and no Forest Right (Individual or Community) has been granted to any Scheduled Tribe or other traditional forest Dwellers within the forest land proposed for diversion.

Hence, it was unanimously resolved in the Gramsabha for issue of clearance certificate under Forest Right Act, 2006 for proposed diversion of **1.770 hectares** of forest land for non-forest use i.e, for mining purpose by M/s Odisha Mining Corporation Ltd.

Sd/-
Sarapanch, Baida G.P.

Sd/-
Members of Gramsabha

ଗ୍ରାମ ସଭା ବୈଠକ

ଗ୍ରାମ:- ଗୁରୁଡା

ତାରିଖ :- ୨୨ - ୦୮ - ୨୦୧୧

ସ୍ଥାନ :- ଗୁରୁଡା ଡାଣ୍ଡୁ

ସମୟ :- ଅପରାହ୍ନ ୩ ଘଣ୍ଟିକା

ଅଦ୍ୟ ତା 22/8/11 ରିଖ ଚତୁର୍ଥୀ ଦିନ ଶୁକ୍ରବାର

ଗ୍ରାମ ଦାଣ୍ଡରେ ଅଧ୍ୟକ୍ଷ ଶ୍ରୀ ସତ୍ୟ ଚରଣ କାଦଳା, ସରପଞ୍ଚ ଙ୍କ ସଭାପତିତ୍ୱରେ ଏକ ଗ୍ରାମସଭା ଅନୁଷ୍ଠିତ ହୋଇଥିଲା । ଏଥିରେ ଶତକଡା ୬୦ ଭାଗରୁ ଉର୍ଦ୍ଧ୍ୱ ଗ୍ରାମସଭା ସଦସ୍ୟ ଓ ଗ୍ରାମ୍ୟ ଜଙ୍ଗଲ କମିଟି ସଦସ୍ୟ ଉପସ୍ଥିତ ଥାଇ ନିମ୍ନଲିଖିତ ବିଷୟମାନ ଆଲୋଚନା କରାଗଲା ।

୧) ଓଡିଶା ଖଣି ନିଗମ ଅଧିନରେ ଥିବା ଖଣ୍ଡବନ୍ଧ ଖଣି ପାଇଁ ଜରୋଳି ମୌଜାରେ ୧.୭୭୦ ହେକ୍ଟର ଜଙ୍ଗଲ ଜମିକୁ ଡାଇଭର୍ସନ କରାଯାଇ "ଅଣଜଙ୍ଗଲ (ଖଣି ଖନନ) ଉଦ୍ଦେଶ୍ୟରେ ବ୍ୟବହାର କରିବା ପାଇଁ ଆବେଦନ କରିଥିବା ଦରଖାସ୍ତର ପୁଙ୍ଖାନୁପୁଙ୍ଖ ଆଲୋଚନା କରାଗଲା ।

୨) ଉକ୍ତ ଡାଇଭର୍ସନ ପ୍ରପୋଜାଲର ଉଦ୍ଦେଶ୍ୟ ଏବଂ ତାହାର କାର୍ଯ୍ୟକାରିତା ସମ୍ବନ୍ଧରେ ବିଷଦ୍‌ଭାବରେ ବୈଠକରେ ଆଲୋଚନା କରାଗଲା ।

୩) ଉକ୍ତ ଜଙ୍ଗଲ ଜମିର ଡାଇଭର୍ସନ ପ୍ରପୋଜାଲକୁ ଆଖି ଆଗରେ ରଖି ଅନୁସୂଚିତ ଜନଜାତି ଏବଂ ଅନ୍ୟାନ୍ୟ ପାରମ୍ପରିକ ବନବାସୀଙ୍କର (ଜଙ୍ଗଲ ସ୍ୱୀକୃତି ଅଧିକାର) ଆଇନ୍ ୨୦୦୬ର ସମସ୍ତ ନୀତି ନିୟମ ସମ୍ପର୍କରେ ବୈଠକରେ ଆଲୋଚନା କରାଗଲା । ଉକ୍ତ ଡାଇଭର୍ସନ ପ୍ରସ୍ତାବିତ ଜଙ୍ଗଲ ଜମି ଓଡିଶା ଖଣି ନିଗମଙ୍କର ମାଇନିଙ୍ଗ୍ ଲିଜ୍ ପରିସରଭୁକ୍ତ ଅଟେ । କୌଣସି ଅନୁସୂଚିତ ଜନଜାତି ଏବଂ ଅନ୍ୟାନ୍ୟ ପାରମ୍ପାରିକ ବନବାସୀ ଉକ୍ତ ଜଙ୍ଗଲ ଜମିରେ ଚାଷ, ଘର କିମ୍ବା ଅନ୍ୟାନ୍ୟ ପାରମ୍ପାରିକ ବୃତ୍ତି କରୁନାହାନ୍ତି । ଏଥିମଧ୍ୟରେ କୌଣସି ଅନୁସୂଚିତ ଜନଜାତି ଏବଂ ଅନ୍ୟାନ୍ୟ ପାରମ୍ପାରିକ ବନବାସୀଙ୍କୁ ବ୍ୟକ୍ତିଗତ, ଗୋଷ୍ଠୀଗତ ଜଙ୍ଗଲ ଅଧିକାର ସ୍ୱୀକୃତି ପ୍ରଦାନ କରାଯାଇ ନାହିଁ ।

ଏଣୁ ଉକ୍ତ ୧.୭୭୦ ହେକ୍ଟର ଜଙ୍ଗଲ ଜମିକୁ ଅଣଜଙ୍ଗଲ ଉଦ୍ଦେଶ୍ୟରେ ଡାଇଭର୍ସନ କରି ଓଡିଶା ଖଣି ନିଗମଙ୍କ ଦ୍ୱାରା ଏଥିରେ ଖଣି ଖନନ କରାଯିବା ସପକ୍ଷରେ ସର୍ବସମ୍ମତି କ୍ରମେ ଏହି ବୈଠକରେ ଗୃହିତ ହେଲା ।

Sd/-

ସରପଞ୍ଚ ବାଲିଡା ଜି.ପି.

1. Jitendra naik – 22 ✓
2. Hemanta Ku. Mohakud – 7 ✓
3. Arun Kumar Patra – 14 ✓
4. [illegible] – 26 ✓
5. Pandra Naik – 63 ✓
6. Bhanchi Nayak – 40 ✓
7. Lt. D.N. Naik – 42 ✓
8. [illegible]

Sarpanch Balda G.P.
Block Joda, D. KJR

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ENGLISH TRANSLATION OF GRAMSABHA MEETING

Village- **JALAHARI**
Date- 28.8.2011
Place- Jalahari village
Time- 4.00 P.M.

A Gramsabha was conducted to-day dated 28.8.2011 in village Jalahari under the chairmanship of Sri Radhakanta Nayak, Sarapanch. In presence of more than 60% members of Gramsabha and Forest committee, the following issues were discussed in the Gramsabha Meeting.

1) M/s Odisha Mining Corporation Limited has applied for issue of clearance certificate for diversion of forest land measuring **10.720 hectares** for non-forest use (Mining) within Khandbandh M.L. in village Jalahari which was thoroughly discussed in the meeting.
2) The aim, objectives and the use of the said diversion proposal was discussed thoroughly in the Gramsabha Meeting.
3) The Rules and Regulations of the Scheduled Tribes and other Traditional Forest dwellers (Recognition of Forest Rights) Act, 2006 were discussed keeping in view the said forest diversion proposal. The above proposed land is coming within mining leasehold area of M/s Odisha Mining Corporation Ltd. No Scheduled Tribe or other traditional forest dwellers are cultivating, residing and doing other traditional activity within the proposed forest land and no Forest Right (Individual or Community) has been granted to any Scheduled Tribe or other traditional forest Dwellers within the forest land proposed for diversion.

Hence, it was unanimously resolved in the Gramsabha for issue of clearance certificate under Forest Right Act, 2006 for proposed diversion of **10.720 hectares** of forest land for non-forest use i.e, for mining purpose by M/s Odisha Mining Corporation Ltd.

Sd/-
Sarapanch, Jalahari G.P.

Sd/-
Members of Gramsabha

ଗ୍ରାମ ସଭା ବୈଠକ

ଗ୍ରାମ:- ଜଳହରୀ

ତାରିଖ :- ୨୮ - ୦୮ - ୨୦୧୧

ସ୍ଥାନ :- ଜଳହରୀ ଗାଁ ମୁଣ୍ଡ

ସମୟ :- ଅପରାହ୍ନ - ୪ ଘଣ୍ଟିକା

ଅଦ୍ୟ ତା ୨୮-୦୮-୧୧ ରିଖ ରବିବାର ଦିନ ଜଳହରୀ ଗ୍ରାମ ଦାଣ୍ଡରେ ଅଧ୍ୟକ୍ଷ ଶ୍ରୀ ରାଧାକାନ୍ତ ବାଦକ ସରପଞ୍ଚ ଙ୍କ ସଭାପତିତ୍ୱରେ ଏକ ଗ୍ରାମସଭା ଅନୁଷ୍ଠିତ ହୋଇଥିଲା । ଏଥିରେ ଶତକଡା ୬୦ ଭାଗରୁ ଉର୍ଦ୍ଧ୍ୱ ଗ୍ରାମସଭା ସଦସ୍ୟ ଓ ଗ୍ରାମ୍ୟ ଜଙ୍ଗଲ କମିଟି ସଦସ୍ୟ ଉପସ୍ଥିତ ଥାଇ ନିମ୍ନଲିଖିତ ବିଷୟମାନ ଆଲୋଚନା କରାଗଲା ।

୧) ଓଡିଶା ଖଣି ନିଗମ ଅଧିନରେ ଥିବା ଖଣ୍ଡବନ୍ଧ ଖଣି ପାଇଁ ଜରୋଳି ମୌଜାରେ ୧୦.୭୨୦ ହେକ୍ଟର ଜଙ୍ଗଲ ଜମିକୁ ଡାଇଭର୍ସନ କରାଯାଇ ଅଣଜଙ୍ଗଲ (ଖଣି ଖନନ) ଉଦ୍ଦେଶ୍ୟରେ ବ୍ୟବହାର କରିବା ପାଇଁ ଆବେଦନ କରିଥିବା ଦରଖାସ୍ତର ପୁଙ୍ଖାନୁପୁଙ୍ଖ ଆଲୋଚନା କରାଗଲା ।

୨) ଉକ୍ତ ଡାଇଭର୍ସନ ପ୍ରପୋଜାଲର ଉଦ୍ଦେଶ୍ୟ ଏବଂ ତାହାର କାର୍ଯ୍ୟକାରିତା ସମ୍ବନ୍ଧରେ ବିଷଦ୍‌ଭାବରେ ବୈଠକରେ ଆଲୋଚନା କରାଗଲା ।

୩) ଉକ୍ତ ଜଙ୍ଗଲ ଜମିର ଡାଇଭର୍ସନ ପ୍ରପୋଜାଲକୁ ଆଖି ଆଗରେ ରଖି ଅନୁସୂଚିତ ଜନଜାତି ଏବଂ ଅନ୍ୟାନ୍ୟ ପାରମ୍ପରିକ ବନବାସୀଙ୍କର (ଜଙ୍ଗଲ ସ୍ୱୀକୃତି ଅଧିକାର) ଆଇନ୍ ୨୦୦୬ର ସମସ୍ତ ନୀତି ନିୟମ ସମ୍ପର୍କରେ ବୈଠକରେ ଆଲୋଚନା କରାଗଲା । ଉକ୍ତ ଡାଇଭର୍ସନ ପ୍ରସ୍ତାବିତ ଜଙ୍ଗଲ ଜମି ଓଡିଶା ଖଣି ନିଗମଙ୍କର ମାଇନିଙ୍ଗ୍ ଲିଜ୍ ପରିସରଭୁକ୍ତ ଅଟେ । କୌଣସି ଅନୁସୂଚିତ ଜନଜାତି ଏବଂ ଅନ୍ୟାନ୍ୟ ପାରମ୍ପରିକ ବନବାସୀ ଉକ୍ତ ଜଙ୍ଗଲ ଜମିରେ ଚାଷ, ଘର କିମ୍ବା ଅନ୍ୟାନ୍ୟ ପାରମ୍ପାରିକ ବୃତ୍ତି କରୁନାହାନ୍ତି । ଏଥିମଧ୍ୟରେ କୌଣସି ଅନୁସୂଚିତ ଜନଜାତି ଏବଂ ଅନ୍ୟାନ୍ୟ ପାରମ୍ପାରିକ ବନବାସୀଙ୍କୁ ବ୍ୟକ୍ତିଗତ, ଗୋଷ୍ଠୀଗତ ଜଙ୍ଗଲ ଅଧିକାର ସ୍ୱୀକୃତି ପ୍ରଦାନ କରାଯାଇ ନାହିଁ ।

ଏଣୁ ଉକ୍ତ ୧୦.୭୨୦ ହେକ୍ଟର ଜଙ୍ଗଲ ଜମିକୁ ଅଣଜଙ୍ଗଲ ଉଦ୍ଦେଶ୍ୟରେ ଡାଇଭର୍ସନ କରି ଓଡିଶା ଖଣି ନିଗମଙ୍କ ଦ୍ୱାରା ଏଥିରେ ଖଣି ଖନନ କରାଯିବା ସପକ୍ଷରେ ସର୍ବସମ୍ମତି କ୍ରମେ ଏହି ବୈଠକରେ ଗୃହିତ ହେଲା ।

Booth/105 ଆପଣଙ୍କର ଶ୍ରୀ ମୁଣ୍ଡ

୧। Sakuntala Party - 187 ✓ ୮. ସନ୍ତୋଷ କୁମାର ଗଣ୍ଡକ୍ରମ - 271 ✓

୨। Rabi Kanta Mohanta - 163 ✓

୩। ରାଧାକାନ୍ତ ମୁଣ୍ଡା ✗

୪। ଦାସନ୍ତି ପାତ୍ର - 578 ✓

୫. ଜାତା ମୁଣ୍ଡା - 210 ✓

୬. Noorohori Patro - 653 ✓

୭. ସୀତା ପାତ୍ର - 273 ✓

୮. Jalochan Patra - 272 ✓

SARPANCH
JALAHARI GRAM PANCHAYAT
JODA BLOCK, DIST-KEONJHAR

Village- **JAROLI**
Date- 28.8.2011
Place- Village Road
Time- 3.00 P.M.

A Gramsabha was conducted to-day dated 28.8.2011 in village Jaroli under the chairmanship of Sri Radhakanta Nayak, Sarapanch. In presence of more than 60% members of Gramsabha and Forest committee, the following issues were discussed in the Gramsabha Meeting.

1) M/s Odisha Mining Corporation Limited has applied for issue of clearance certificate for diversion of forest land measuring **12.343 hectares** for non-forest use (Mining) of Khandbandh M.L. in village Jaroli which was thoroughly discussed in the meeting.
2) The aim, objectives and the use of the said diversion proposal was discussed thoroughly in the Gramsabha Meeting.
3) The Rules and Regulations of the Scheduled Tribes and other Traditional Forest dwellers (Recognition of Forest Rights) Act, 2006were discussed keeping in view the said forest diversion proposal. The above proposed land is coming within mining leasehold area of M/s Odisha Mining Corporation Ltd. No Scheduled Tribe or other traditional forest dwellers are cultivating, residing and doing other traditional activity within the proposed forest land and no Forest Right (Individual or Community) has been granted to any Scheduled Tribe or other traditional forest Dwellers within the forest land proposed for diversion.

Hence, it was unanimously resolved in the Gramsabha for issue of clearance certificate under Forest Right Act, 2006 for proposed diversion of **12.343 hectares** of forest land for non-forest use i.e, for mining purpose by M/s Odisha Mining Corporation Ltd.

Sd/-
Sarapanch, Jalahari G.P.

Sd/-
Members of Gramsabha

ଗ୍ରାମ ସଭା ବୈଠକ

ଗ୍ରାମ:- ଜରୋଳି

ତାରିଖ :- ୨୮-୦୮-୨୦୧୧

ସ୍ଥାନ :- ଗ୍ରାମଦାଣ୍ଡ

ସମୟ :- ଅପରାହ୍ନ ୩ ଘଡ଼ିକା

ଅଦ୍ୟ ତା ୨୮-୦୮-୧୧ ରିଖ ଶନିବାର ଦିନ ଜରୋଳି ଗ୍ରାମ ଦାଣ୍ଡରେ ଅଧ୍ୟକ୍ଷ ଶ୍ରୀ ରାଧାକାନ୍ତ ନାଏକ ସରପଞ୍ଚ ଙ୍କ ସଭାପତିତ୍ୱରେ ଏକ ଗ୍ରାମସଭା ଅନୁଷ୍ଠିତ ହୋଇଥିଲା । ଏଥିରେ ଶତକଡା ୬୦ ଭାଗରୁ ଉର୍ଦ୍ଧ୍ୱ ଗ୍ରାମସଭା ସଦସ୍ୟ ଓ ଗ୍ରାମ୍ୟ ଜଙ୍ଗଲ କମିଟି ସଦସ୍ୟ ଉପସ୍ଥିତ ଥାଇ ନିମ୍ନଲିଖିତ ବିଷୟମାନ ଆଲୋଚନା କରାଗଲା ।

୧) ଓଡିଶା ଖଣି ନିଗମ ଅଧିନରେ ଥିବା ଖଣ୍ଡବନ୍ଧ ଖଣି ପାଇଁ ଜରୋଳି ମୌଜାରେ ୧୭.୩୪୩ ହେକ୍ଟର ଜଙ୍ଗଲ ଜମିକୁ ଡାଇଭର୍ସନ କରାଯାଇ ଅଣଜଙ୍ଗଲ (ଖଣି ଖନନ) ଉଦ୍ଦେଶ୍ୟରେ ବ୍ୟବହାର କରିବା ପାଇଁ ଆବେଦନ କରିଥିବା ଦରଖାସ୍ତର ପୁଙ୍ଖାନୁପୁଙ୍ଖ ଆଲୋଚନା କରାଗଲା ।

୨) ଉକ୍ତ ଡାଇଭର୍ସନ ପ୍ରପୋଜାଲର ଉଦ୍ଦେଶ୍ୟ ଏବଂ ତାହାର କାର୍ଯ୍ୟକାରିତା ସମ୍ବନ୍ଧରେ ବିଷଦ୍‌ଭାବରେ ବୈଠକରେ ଆଲୋଚନା କରାଗଲା ।

୩) ଉକ୍ତ ଜଙ୍ଗଲ ଜମିର ଡାଇଭର୍ସନ ପ୍ରପୋଜାଲକୁ ଆଖି ଆଗରେ ରଖି ଅନୁସୂଚିତ ଜନଜାତି ଏବଂ ଅନ୍ୟାନ୍ୟ ପାରମ୍ପରିକ ବନବାସୀଙ୍କର (ଜଙ୍ଗଲ ସ୍ୱୀକୃତି ଅଧିକାର) ଆଇନ୍ ୨୦୦୬ର ସମସ୍ତ ନୀତି ନିୟମ ସମ୍ପର୍କରେ ବୈଠକରେ ଆଲୋଚନା କରାଗଲା । ଉକ୍ତ ଡାଇଭର୍ସନ ପ୍ରସ୍ତାବିତ ଜଙ୍ଗଲ ଜମି ଓଡିଶା ଖଣି ନିଗମଙ୍କର ମାଇନିଙ୍ଗ୍ ଲିଜ୍ ପରିସରଭୁକ୍ତ ଅଟେ । କୌଣସି ଅନୁସୂଚିତ ଜନଜାତି ଏବଂ ଅନ୍ୟାନ୍ୟ ପାରମ୍ପରିକ ବନବାସୀ ଉକ୍ତ ଜଙ୍ଗଲ ଜମିରେ ଚାଷ, ଘର କିମ୍ବା ଅନ୍ୟାନ୍ୟ ପାରମ୍ପାରିକ ବୃତ୍ତି କରୁନାହାନ୍ତି । ଏଥିମଧ୍ୟରେ କୌଣସି ଅନୁସୂଚିତ ଜନଜାତି ଏବଂ ଅନ୍ୟାନ୍ୟ ପାରମ୍ପାରିକ ବନବାସୀଙ୍କୁ ବ୍ୟକ୍ତିଗତ, ଗୋଷ୍ଠୀଗତ ଜଙ୍ଗଲ ଅଧିକାର ସ୍ୱୀକୃତି ପ୍ରଦାନ କରାଯାଇ ନାହିଁ ।

ଏଣୁ ଉକ୍ତ ୧୭.୩୪୩ ହେକ୍ଟର ଜଙ୍ଗଲ ଜମିକୁ ଅଣଜଙ୍ଗଲ ଉଦ୍ଦେଶ୍ୟରେ ଡାଇଭର୍ସନ କରି ଓଡିଶା ଖଣି ନିଗମଙ୍କ ଦ୍ୱାରା ଏଥିରେ ଖଣି ଖନନ କରାଯିବା ସପକ୍ଷରେ ସର୍ବସମ୍ମତି କ୍ରମେ ଏହି ବୈଠକରେ ଗୃହିତ ହେଲା ।

ଆପଣଙ୍କର ବିଶ୍ୱସ୍ତ

୧। ଶୀତ ଦାସ - ୪ ✓
୨। ଅଂକୁ ଦେକା - 493 ✓
୩। Madan Mohan bishnu - 479 ✓
୪। ସତ୍ୟଜିତ ଦାସ - 461 ✓
୫- ଦାସରଥା ନାହାନ୍ତି - 476 ✓
୬- GAYNA RANJAN DAS - 463 ✓

SARPANCH
JALAHARI GRAM PANCHAYAT
JODA BLOCK, DIST-KEONJHAR

ENGLISH TRANSLATION OF GRAMSABHA MEETING

Village- **JAJANG**
Date- 23.8.2011
Place- Jajang village Danda
Time- 4.00P.M.

A Gramsabha was conducted to-day dated 23.8.2011 in village Jajang under the chairmanship of Sri Indra Purti, Sarapanch. In presence of more than 60% members of Gramsabha and Forest committee, the following issues were discussed in the Gramsabha Meeting.

1) M/s Odisha Mining Corporation Limited has applied for issue of clearance certificate for diversion of forest land measuring **0.710 hectares** for non-forest use (Mining) within Khandbandh M.L. in village Jajang which was thoroughly discussed in the meeting.
2) The aim, objectives and the use of the said diversion proposal was discussed thoroughly in the Gramsabha Meeting.
3) The Rules and Regulations of the Scheduled Tribes and other Traditional Forest dwellers (Recognition of Forest Rights) Act, 2006 were discussed keeping in view the said forest diversion proposal. The above proposed land is coming within mining leasehold area of M/s Odisha Mining Corporation Ltd. No Scheduled Tribe or other traditional forest dwellers are cultivating, residing and doing other traditional activity within the proposed forest land and no Forest Right (Individual or Community) has been granted to any Scheduled Tribe or other traditional forest Dwellers within the forest land proposed for diversion.

Hence, it was unanimously resolved in the Gramsabha for issue of clearance certificate under Forest Right Act, 2006 for proposed diversion of **0.710 hectares** of forest land for non-forest use i.e, for mining purpose by M/s Odisha Mining Corporation Ltd.

Sd/-
Sarapanch, Jalahari G.P.

Sd/-
Members of Gramsabha

ଗ୍ରାମ ସଭା ବୈଠକ

ଗ୍ରାମ: ଜାଜାଙ୍ଗ
ତାରିଖ: ୨୩ - ୦୮ - ୨୦୧୧
ସ୍ଥାନ: ଜଜାଙ୍ଗ ଗ୍ରାମ ଚାଣ୍ଡ
ଶୀର୍ଷ:- ଅପରାହ୍ନ ୪ ଘଟିକା

ଅଦ୍ୟ ତା ୨୩/୮/୧୧ ରିଖ ମଙ୍ଗଳବାର ଦିନ ଜଜାଙ୍ଗ ଗ୍ରାମ ଦାଣ୍ଡରେ ଅଧ୍ୟକ୍ଷ ଶ୍ରୀ ଭକ୍ତ ମୁର୍ତ୍ତା ଙ୍କ ସଭାପତିତ୍ୱରେ ଏକ ଗ୍ରାମସଭା ଅନୁଷ୍ଠିତ ହୋଇଥିଲା । ଏଥିରେ ଶତକଡା ୬୦ ଭାଗରୁ ଉର୍ଦ୍ଧ୍ୱ ଗ୍ରାମସଭା ସଦସ୍ୟ ଓ ଗ୍ରାମ୍ୟ ଜଙ୍ଗଲ କମିଟି ସଦସ୍ୟ ଉପସ୍ଥିତ ଥାଇ ନିମ୍ନଲିଖିତ ବିଷୟମାନ ଆଲୋଚନା କରାଗଲା ।

୧) ଓଡିଶା ଖଣି ନିଗମ ଅଧିନରେ ଥିବା ଖଣ୍ଡବନ୍ଧ ଖଣି ପାଇଁ ଜରୋଳି ମୌଜାରେ ୦.୭୧୦ ହେକ୍ଟର ଜଙ୍ଗଲ ଜମିକୁ ଡାଇଭର୍ସନ କରାଯାଇ ଅଣଜଙ୍ଗଲ (ଖଣି ଖନନ) ଉଦ୍ଦେଶ୍ୟରେ ବ୍ୟବହାର କରିବା ପାଇଁ ଆବେଦନ କରିଥିବା ଦରଖାସ୍ତର ପୁଙ୍ଖାନୁପୁଙ୍ଖ ଆଲୋଚନା କରାଗଲା ।

୨) ଉକ୍ତ ଡାଇଭର୍ସନ ପ୍ରପୋଜାଲର ଉଦ୍ଦେଶ୍ୟ ଏବଂ ତାହାର କାର୍ଯ୍ୟକାରିତା ସମ୍ବନ୍ଧରେ ବିଷଦ୍‌ଭାବରେ ବୈଠକରେ ଆଲୋଚନା କରାଗଲା ।

୩) ଉକ୍ତ ଜଙ୍ଗଲ ଜମିର ଡାଇଭର୍ସନ ପ୍ରପୋଜାଲକୁ ଆଖି ଆଗରେ ରଖି ଅନୁସୂଚିତ ଜନଜାତି ଏବଂ ଅନ୍ୟାନ୍ୟ ପାରମ୍ପରିକ ବନବାସୀଙ୍କର (ଜଙ୍ଗଲ ସ୍ୱୀକୃତି ଅଧିକାର) ଆଇନ୍ ୨୦୦୬ର ସମସ୍ତ ନୀତି ନିୟମ ସମ୍ପର୍କରେ ବୈଠକରେ ଆଲୋଚନା କରାଗଲା । ଉକ୍ତ ଡାଇଭର୍ସନ ପ୍ରସ୍ତାବିତ ଜଙ୍ଗଲ ଜମି ଓଡିଶା ଖଣି ନିଗମଙ୍କର ମାଇନିଙ୍ଗ୍ ଲିଜ୍ ପରିସରଭୁକ୍ତ ଅଟେ । କୌଣସି ଅନୁସୂଚିତ ଜନଜାତି ଏବଂ ଅନ୍ୟାନ୍ୟ ପାରମ୍ପରିକ ବନବାସୀ ଉକ୍ତ ଜଙ୍ଗଲ ଜମିରେ ଚାଷ, ଘର କିମ୍ବା ଅନ୍ୟାନ୍ୟ ପାରମ୍ପାରିକ ବୃତ୍ତି କରୁନାହାନ୍ତି । ଏଥିମଧ୍ୟରେ କୌଣସି ଅନୁସୂଚିତ ଜନଜାତି ଏବଂ ଅନ୍ୟାନ୍ୟ ପାରମ୍ପାରିକ ବନବାସୀଙ୍କୁ ବ୍ୟକ୍ତିଗତ, ଗୋଷ୍ଠୀଗତ ଜଙ୍ଗଲ ଅଧିକାର ସ୍ୱୀକୃତି ପ୍ରଦାନ କରାଯାଇ ନାହିଁ ।

ଏଣୁ ଉକ୍ତ ୦.୭୧୦ ହେକ୍ଟର୍ ଜଙ୍ଗଲ ଜମିକୁ ଅଣଜଙ୍ଗଲ ଉଦ୍ଦେଶ୍ୟରେ ଡାଇଭର୍ସନ କରି ଓଡିଶା ଖଣି ନିଗମଙ୍କ ଦ୍ୱାରା ଏଥିରେ ଖଣି ଖନନ କରାଯିବା ସପକ୍ଷରେ ସର୍ବସମ୍ମତି କ୍ରମେ ଏହି ବୈଠକରେ ଗୃହିତ ହେଲା ।

Booth/112 ଆପଙ୍କାଙ୍କର ଶୀର୍ଷ୍ଣ

୧। Jati Munda - 415 ✓
୨। Lti of Vicky Munda - 415 ✓
୩। Lti of Tunu Munda - 23 ✓
୪। ସୁନିଆ ଭିତିଆ - 297 ✓
୫- Gadadhar Jena - 408 ✓

Sarpanch
Jajang Grampanchay
Block Joda, PIN-7580

FORM NO.II
(for projects otherthan linear projects)
Government of Odisha
Office of the District Collector, Keonjhar

No. 263 Dt. 22.02.17

TO WHOMSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No.11-9/98-FC(Pt) dt.3rd August, 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers(Recognition of Forest Rights Act), 2006 ('FRA' for short) on the forest land proposed to be diverted for non-forest purposes, it is certified that 50.866 hectares of forest land proposed to be diverted in favour of M/s OMC Ltd. for the purpose of mining activities in Khandabanh Iron Ore Mines in Keonjhar District falls within jurisdiction of Khandabandh,Jalahari,Jaroli and Guruda villages in Barbil Tahasil

It is further certified that

(a) the complete process of identification and settlement of rights under the FRA has been carried out for the entire 50.866 hectares of forest land proposed for diversion. A copy of records of all consultations and meetings of the Forest Rights Committee(s), Gram Sabha(s). Sub-Division Level Committee(s) and the District level Committee are enclosed as annexure- 1 to annexure- 28

(b) the proposal for such diversion (with full details of the project and its implecations, in vernacular/local language) have been placed before each concerned Gram Sabha(s) of forest dwellers who are eligible under the FRA.

(c) the each of concerned Gram Sabha(s), has certified that all formalities/processes under the FRA have been carried out, and that they have given their consent to the proposed diversion and the compensation and ameliorative measures, if any, having understood the purpose and the details of proposed diversion. Copies of Gram Sabha Resolutions of village-Khandabandh,Jalahari,Jaroli and Guruda are enclosed as annexture-5,12,17 and 23

(d) the discussion and decisions on such proposals had taken place only when there was a quorum of minimum 50% of the members of Gram Sabha present.

(e) No such facilities managed by Government requiring diversion of forest land u/s 3(2) of the Forest Rights Act, 2006 exist over the forest land proposed for diversion.

(f) the rights of Primitive Tribal Groups and Pre-Agricultural Communities, where applicable have been specifically safeguarded as per section 3(1)(e) of the FRA.

(Dr.N. Thirumala Naik)
Collector, Keonjhar

Memo No. 264 /Rev/ Dt 22.02.2017

Copy of Certificate alongwith its enclosures(Annexture-1 to 28) forwarded to the Divisional Forest Officer, Keonjhar for information and necessary action.

24.2.17
Addl. District Magistrate,
Keonjhar

PROCEEDING OF THE

DISTRICT LEVEL COMMITTEE MEETING

ON FOREST RIGHTS

HELD ON 10.02.17 AT 4 PM IN THE

MINI CONFERENCE HALL OF COLLECTORATE

KEONJHAR

PROCEEDING OF THE DISTRICT LEVEL FOREST RIGHTS COMMITTEE MEETING HELD ON 10.02.17 AT 4.00 P.M. IN MINI CONFERENCE HALL OF THE COLLECTORATE, KEONJHAR

District Level Forest Rights Committee meeting was held on 10.2.17 at 4 PM in the Durbar Hall of Collectorate, Keonjhar under the Chairmanship of Collector, Keonjhar. The list of members/participants present in the meeting is attached in **Annexure (I).**

The Agenda wise discussion made as follows:-

1. CONFIRMATION OF PROCEEDING OF THE LAST D.L.C. MEETING HELD ON 22.11.16.

The proceedings of the last D.L.C. meeting held on 22.11.2016 was circulated among all the members vide Memo No. 3277 /ITDA(K) FRC/dtd. 06.12.16. As no objection received from any quarter, the said proceeding is confirmed.

2. DIVERSION OF FOREST LAND TOWARDS NON-FOREST ACTIVITIES- ISSUANCE OF CERTIFICATE THEREOF.

The PA, ITDA told the house that following 05 nos. of diversion proposals have been received from the Sub-Collector-cum-Chairman, SDLC , Champua for diversion of Forest land towards Non-Forest activities-Issuance of certificate thereof.

Sl. No	Name of the User's Agency	Purpose	Name of the Sub-Collector	Mouza covering	Name of the Tahasil	Area involved
01	**Khandabandha Iron Ore Mines of OMC Ltd**	**Mining activities**	**Champua**	**Khandbandha/ Jalahari / Jorali / Guruda**	**Barbil**	**50.866 Ha.**
02	**Tiringpahar Iron Ore Mines of OMC Ltd**	**Safty zone**	**-do-**	**Khandbandha / Kundurpani**	**-do-**	**6.578 Ha.**
03	**Unchabali Iron Ore Mines of OMC Ltd.**	**Mining activities**	**-do-**	**Balada/ Kundaposi / Uchabali**	**-do-**	**68.091 Ha**
04	**Dabuna –Sekradihi Iron & Manganese Mines of OMC Ltd**	**-do-**	**-do-**	**Dubuna/ Handibhanga/ Jampani/ Pidhapokhari /Purunadihi / Naibuga/ Basantapur**	**Barbil & Jhumpura**	**1243.664 Ha.**
05	**Banspani Iron Ore Mines of OMC Ltd.**	**Mining activities**	**Champua**	**Bansapani/Khuntupani/Jalahari/ Baitarani RF**	**Barbil**	**32.969 Ha.**

All the above 5 proposals were discussed and examined thoroughly by the committee and decision taken in each case is given below:

A) KHANDABANDHA IRON ORE MINES OF OMC LTD.

On scrutiny of Case record, it is found that as per request of User's Agency Odisha Mining Corporation Limitd for compliance of ST & OTFD Act,2006 for diversion of forest land of Hc.. **50.866** towards non-forest activities for Mining and allied activities in **Khandabandha Iron Ore Mines**. The District Office instructed to the PA,ITDA,Keonjhar-cum-Dist.Nodal Officer,FRA vide letter No.2590/Rev. dtd. 16.12.16 communicated by the Collector, Keonjhar to enquire the matter on settlement of rights under FRA in the forest area involved in the project and forward the findings in the prescribed format specified in this regard within the stipulated period. The PA,ITDA,Keonjhar has forwarded the proposal to the BDO,Joda vide Letter No. 3422/ITDA Dt.16.12.16 with a request to enquire the matter on settlement of rights under FRA and obtain consent of Gram Sabhas in the light of observation of Secy. MoTA.Govt.of India and submit report to the SDLC,Champua with subsequent memo to Tahasildar,Barbil. . The Sub-Collector,Champua & Chairman,SDLC has submitted the proposal after due approval in SDLC held on 28.01.17..The Details Village wise are given below :

Village-Khandabondha

Previously awareness on Forest Right Act was made in village by holding a Pallisabha on Dtd.**16.2.2013** (**Annexure-A1**) where in Forest Right Committee members were also selected. Again on **03.12.16** (**Annexure-A2**) FRC was held to approved the diversion of forest land in favour of OMC Limited. . . For village Khandabandha a Gramsabha was held on 19.12.16 (**Annexure-A3**) where in discussion on Forest Right claim was made and it was found that no STs & OTFD people lived in the proposed area of forest land and do not depend upon the said forest area for earning their livelihood. The Gram Sabha convinced that there is no claim of any STs,PTGs & OTFD over the proposed area forest land and unanimously approved the diversion of forest land in favour of M/s. Orissa Mining Corportion Limited.

Village-Jalahari

Previously awareness on Forest Right Act was made in village by holding a Pallisabha on Dtd.**20.05.12** (**Annexure-A4**) where in Forest Right Committee members were also selected. Again on **05.12.16** (**Annexure-A5**) FRC was held to approved the diversion of forest land in favour of OMC Limited. . . For village Jalahari a Gramsabha was held on 20.12.16 (**Annexure-A6**) where in discussion on Forest Right claim was made and it was found that no STs & OTFD people lived in the proposed area of forest land and do not depend upon the said forest area for earning their livelihood. The Gram Sabha convinced that there is no claim of any STs,PTGs & OTFD over the proposed area forest land and unanimously approved the diversion of forest land in favour of M/s. Orissa Mining Corportion Limited.

Village-Jorali

Previously awareness on Forest Right Act was made in village by holding a Pallisabha on Dtd.**13.2.13** (**Annexure-A7**) where in Forest Right Committee members were also selected. Again on **06.12.16** (**Annexure-A8**) FRC was held to approved the diversion of forest land in favour of OMC Limited. . . For village Jaroli a Gramsabha was held on 21.12.16 (**Annexure-A9**) where in discussion on Forest Right claim was made and it was found that no STs & OTFD people lived in the proposed area of forest land and do not depend upon the said forest area for earning their livelihood. The Gram Sabha convinced that there is no claim of any STs,PTGs & OTFD over the proposed area forest land and unanimously approved the diversion of forest land in favour of M/s. Orissa Mining Corportion Limited.

Village-Guruda

Previously awareness on Forest Right Act was made in village by holding a Pallisabha on Dtd.23.3.08 (**Annexure-A10**) where in Forest Right Committee members were also selected. Again on 07.12.16 (**Annexure-A11**) FRC was held to approved the diversion of forest land in favour of OMC Limited. . . For village Guruda a Gramsabha was held on 21.12.16 (**Annexure-A12**) where in discussion on Forest Right claim was made and it was found that no STs & OTFD people lived in the proposed area of forest land and do not depend upon the said forest area for earning their livelihood. The Gram Sabha convinced that there is no claim of any STs,PTGs & OTFD over the proposed area forest land and unanimously approved the diversion of forest land in favour of M/s. **Orissa Mining Corportion Limited.**

The SDLC,Champua in their meeting held on **28.1.2017** furnished certificate ensuring attendance of more that 50% of voters of the concerned villages and verifying the signatures /LTI of the participants duly attested with reference to Electoral Roll of the village. The SDLC further certified that the ST & OTFD(RFR) Act,2006 and amendment rule,2012 has been ensured in respect of village Khandabandha. Jalahari, Jorali and Guruda and there is no claim either individual and community on the forest land proposed for diversions in the respective villages. For better appreciation of the DLC,the details of village,extent of land & other relevant information concerning diversion of forest land measuring an area of 50.866 Ha. of User's Agency Orisssa Mining Corporation Limited..

Name of the village/ Mouza	Extent of land apply (in Ha.)	Kisam of the land	Date of Gram Sabha when the diversion proposal approved	No.of Voters as per Elector al roll	No.of Voters signed in the Gram Sabha	Whether genuineness of voters verified with reference of Sl.No.of Electoral roll by authorized Govt. official in Gram Sabha	Whether joint verification certificate is counter signed by the Chairman SDLC	Previously Gram Sabha held in concerned village where provisions of FR Act was discussed
Khandbandh	40.454	Sabik Forest	19.12.16	786	521	Yes	Yes	16.2.13 –FRC constituted 3.12.16-FRC-
Jalahari	2.904	Jungle	20.12.16	1258	849	yes	yes	20.5.12 –FRC constituted 5.12.16-FRC-
Jorali	2.386'	-do-	21.12.16	1830	1215	yes	yes	13.2.13 –FRC constituted 6.12.16-FRC-
Guruda	5.122	-do-	21.12.16	1230	825	Yes	Yes	23.3.08 –FRC constituted 7.12.16-FRC-
	50.866							

The diversion proposals submitted after approval in SDLC held on dated 28.01.17. The detail land schedule duly signed by Forest Range Officer, Champua & Tahasildar, Barbil. Considering the (i) approval of the Gram Sabha of respective villages,(ii) recommendation of SDLC, Champua dtd.28.1.17 (iii) Joint verification certificates ensuring participation of more than 50% of the voters of the villages and "No claim" either Individual or Community on the proposed Forest land under ST &OTFD (RFR) Act,2006 & Rules there under ,(iv) land particulars for proposed diversion land jointly signed by Tahasildar, Barbil and Forest Range Officer, Barbil (v)Enquiry report signed by Sub-Collector, Champua Tahasildar, Barbil and Forest Range Officer, Champua ,President of FRC Committee of the concerned village (vi)proceedings of SDLC, Champua held on 28.1.17, (vii) and the certification about no claim over the proposed land by ST,PTG & OTFD under FR Act for individual and CFR purposed. , The DLC (FR), Keonjhar convinced that:-

a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire **50.866 Hectares** forest land proposed for diversion in village Khandabandha, Jalahari, Jorali & Guruda as revealed from the proceedings of the Gram Sabha.
b) The proposal for such diversion in vernacular/local language have been placed before each concerned Gram Sabha of forest dwellers, who are eligible under the FRA. as revealed from the proceeding of the Gram Sabha.
c) The concerned Gram Sabhas have certified that all formalities/processes under the FRA have been carried out, and that they have given their consent to the proposed diversion and the compensation and ameliorative measures, if any, having understood the purpose and details of proposed diversion.
d) It reveals from the enquiry report furnished by Revenue & Forest personnel the discussion and decisions on such proposals had taken place only when there was a quorum of minimum 50% of the members of Gram Sabh present.
e) It reveals from the enquiry report furnished by Revenue & Forest personnel that no such facilities managed by the Govt. as required under section 3(2)of the FRA requiring diversion of forest land exist within the applied area as.
f) the right of PTG and PAC where applicable have been specifically safeguarded as per section 3(1)(e) of the FRA as reveals from the enquiry report furnished by Revenue & Forest personnel.
g) It reveals from the proceeding of the Gram Sabha of village that no ST or OTFD were in possession of the forest land proposed for diversion before 13.12.2005.
h) Further it reveals from the Gram Sabha proceedings of the above villages that no tribal or OTFD are presently residing nor any title of rights has been granted under the ST & OTFD(RFR)Act,2006 to any tribal or OTFD on the Forest land proposed for diversion.

The DLC has examined the case and approved for issuance of FRA certificate in favour of **Orissa Mining Corporation in Khandabandha Iron Ore Mines.**

B) TIRINGPAHAR IRON ORE MINES OF OMC LTD.

On scrutiny of Case record, it is found that as per request of User's Agency Odisha Mining Corporation Limitd for compliance of ST & OTFD Act,2006 for diversion of forest land of Hc.. 6.578 towards non-forest activities for safty zone involved in **Tiring Iron Ore Mines**. The District Office instructed to the PA,ITDA,Keonjhar-cum-Dist.Nodal Officer,FRA vide letter No.2432/Rev. dtd. 2.12.14 communicated by the Collector, Keonjhar to enquire the matter on settlement of rights under FRA in the forest area involved in the project and forward the findings in the prescribed format specified in this regard within the stipulated period. The PA,ITDA,Keonjhar has forwarded the proposal to the BDO,Joda vide Letter No. 2587/ITDA Dt.4.12.14 with a request to enquiry the matter on settlement of rights under FRA and obtain consent of Gram Sabhas in the light of observation of Secy. MoTA.Govt.of India and submit report to the SDLC,Champua with subsequent memo to Tahasildar,Barbil. . The Sub-Collector,Champua & Chairman,SDLC has submitted the proposal after due approval in SDLC held on 28.01.17..The Details Village wise are given below :

Village-Khandabondha

Previously awareness on Forest Right Act was made in village by holding a Pallisabha on Dtd.**16.2.2013 (Annexure-A13**) where in Forest Right Committee members were also selected. Again on **03.12.16 (Annexure-A14)** FRC was held to approved the diversion of forest land in favour of OMC Limited. . . For village Khandabandha a Gramsabha was held on 19.12.16 **(Annexure-A15)** where in discussion on Forest Right claim was made and it was found that no STs & OTFD people lived in the proposed area of forest land and do not depend upon the said forest area for earning their livelihood. The Gram Sabha convinced that there is no claim of any STs,PTGs & OTFD over the proposed area forest land and unanimously approved the diversion of forest land in favour of M/s. **Orissa Mining Corportion Limited.**

Village-Kundulapani

Previously awareness on Forest Right Act was made in village by holding a Pallisabha on Dtd.**16.3.08 (Annexure-A16**) where in Forest Right Committee members were also selected. Again on **01.11.15 (Annexure-A17)** FRC was held to approved the diversion of forest land in favour of OMC Limited. . . For village Kundurupani a Gramsabha was held on **4.11.15 (Annexure-A18)** where in discussion on Forest Right claim was made and it was found that no STs & OTFD people lived in the proposed area of forest land and do not depend upon the said forest area for earning their livelihood. The Gram Sabha convinced that there is no claim of any STs,PTGs & OTFD over the proposed area forest land and unanimously approved the diversion of forest land in favour of M/s. **Orissa Mining Corportion Limited.**

The SDLC,Champua in their meeting held on **28.1.2017** furnished certificate ensuring attendance of more that 50% of voters of the concerned villages and verifying the signatures /LTI of the participants duly attested with reference to Electoral Roll of the village. The SDLC further certified that the ST & OTFD(RFR) Act,2006 and amendment rule,2012 has been ensured in respect of village Khandabandha, & Kundurupani and there is no claim either individual and community on the forest land proposed for diversions in the respective villages. For better appreciation of the DLC,the details of village,extent of land & other relevant information concerning diversion of forest land measuring an area of 6.578 Ha. of User's Agency Orisssa Mining Corporation Limited..

Name of the village / Mouza	Extent of land apply (in Ha.)	Kisam of the land	Date of Gram Sabha when the diversion proposal approved	No.of Voters as per Elector al roll	No.of Voters signed in the Gram Sabha	Whether genuineness of voters verified with reference of Sl.No.of Electoral roll by authorized Govt. official in Gram Sabha	Whether joint verification certificate is counter signed by the Chairman SDLC	Previously Gram Sabha held in concerned village where provisions of FR Act was discussed
Khandbandh & Kundurpani	6.578 Ha.	Jungle	19.12.16	786	521	Yes	Yes	16.2.13 –FRC constituted 3.12.16-FRC-
Kundulapani			4.11.15	714	424	Yes	Yes	16.3.08 –FRC constituted 1.11.15-FRC-
	6.578 Ha.							

The diversion proposals submitted after approval in SDLC held on dated **28.01.17**. The detail land schedule duly signed by Forest Range Officer, Champua & Tahasildar, Barbil. Considering the (i) approval of the Gram Sabha of respective villages,(ii) recommendation of SDLC, Champua dtd.28.1.17 (iii) Joint verification certificates ensuring participation of more than 50% of the voters of the villages and "No claim" either Individual or Community on the proposed Forest land under ST &OTFD (RFR) Act,2006 & Rules there under ,(iv) land particulars for proposed diversion land jointly signed by Tahasildar, Barbil and Forest Range Officer, Barbil (v)Enquiry report signed by Sub-Collector, Champua Tahasildar, Barbil and Forest Range Officer, Champua ,President of FRC Committee of the concerned village (vi)proceedings of SDLC, Champua held on **28.1.17**, (vii) and the certification about no claim over the proposed land by ST,PTG & OTFD under FR Act for individual and CFR purposed. , The DLC (FR), Keonjhar convinced that:-

i) The complete process for identification and settlement of rights under the FRA has been carried out for the entire **6.578 Hectares** forest land proposed for diversion in village Khandabandha, & Kundurupani as revealed from the proceedings of the Gram Sabha.

j) The proposal for such diversion in vernacular/local language have been placed before each concerned Gram Sabha of forest dwellers, who are eligible under the FRA. as revealed from the proceeding of the Gram Sabha.

k) The concerned Gram Sabhas have certified that all formalities/processes under the FRA have been carried out, and that they have given their consent to the proposed diversion and the compensation and ameliorative measures, if any, having understood the purpose and details of proposed diversion.

l) It reveals from the enquiry report furnished by Revenue & Forest personnel the discussion and decisions on such proposals had taken place only when there was a quorum of minimum 50% of the members of Gram Sabh present.

m) It reveals from the enquiry report furnished by Revenue & Forest personnel that no such facilities managed by the Govt. as required under section 3(2)of the FRA requiring diversion of forest land exist within the applied area as.

n) the right of PTG and PAC where applicable have been specifically safeguarded as per section 3(1)(e) of the FRA as reveals from the enquiry report furnished by Revenue & Forest personnel.

o) It reveals from the proceeding of the Gram Sabha of village that no ST or OTFD were in possession of the forest land proposed for diversion before 13.12.2005.

p) Further it reveals from the Gram Sabha proceedings of the above villages that no tribal or OTFD are presently residing nor any title of rights has been granted under the ST & OTFD(RFR)Act,2006 to any tribal or OTFD on the Forest land proposed for diversion.

The DLC has examined the case and approved for issuance of FRA certificate in favour of **Orissa Mining Corporation in Tiringpahar Iron Ore Mines.**

C) **UNCHABALI IRON ORE MINES OF OMC LTD.**

On scrutiny of Case record, it is found that as per request of User's Agency Odisha Mining Corporation Limitd for compliance of ST & OTFD Act,2006 for diversion of forest land of **Hc.. 68.091** towards non-forest activities for mining activities involved in **Unchabali Iron Ore Mines**. The District Office instructed to the PA,ITDA,Keonjhar-cum-Dist.Nodal Officer,FRA vide letter No.1746/Rev. dtd. 8.8.16 communicated by the Collector, Keonjhar to enquire the matter on settlement of rights under FRA in the forest area involved in the project and forward the findings in the prescribed format specified in this regard within the stipulated period. The PA,ITDA,Keonjhar has forwarded the proposal to the BDO,Joda vide Letter No. 2033/ITDA Dt.9.8.16 with a request to enquiry the matter on settlement of rights under FRA and obtain consent of Gram Sabhas in the light of observation of Secy. MoTA.Govt.of India and submit report to the SDLC,Champua with subsequent memo to Tahasildar,Barbil. . The Sub-Collector,Champua & Chairman,SDLC has submitted the proposal after due approval in SDLC held on 28.01.17..The Details Village wise are given below :

Village-Unchabali

Previously awareness on Forest Right Act was made in village by holding a Pallisabha on Dtd.**23.3.08 (Annexure-A19)** where in Forest Right Committee members were also selected. Again on **24.6.14 (Annexure (A20)** Pallisabha Sabha was held to create awareness on various provision and benefit of FR Act among the villagers. On **16.12.16 (Annexure-A21)** FRC was held to approved the diversion of forest land in favour of OMC Limited. . . For village Unchabali a Gramsabha was held on **20.12.16 (Annexure-A22)** where in discussion on Forest Right claim was made and it was found that no STs & OTFD people lived in the proposed area of forest land and do not depend upon the said forest area for earning their livelihood. The Gram Sabha convinced that there is no claim of any STs,PTGs & OTFD over the proposed area forest land and unanimously approved the diversion of forest land in favour of M/s. Orissa Mining Corportion Limited.

Village-Kundaposi

Previously awareness on Forest Right Act was made in village by holding a Pallisabha on Dtd.**16.3.08 (Annexure-A22)** where in Forest Right Committee members were also selected. Again on **14.12.16 (Annexure-A23)** FRC was held to approved the diversion of forest land in favour of OMC

Limited. . . For village Kundaposi a Gramsabha was held on 20.12.16 (Annexure-A24) where in discussion on Forest Right claim was made and it was found that no STs & OTFD people lived in the proposed area of forest land and do not depend upon the said forest area for earning their livelihood. The Gram Sabha convinced that there is no claim of any STs,PTGs & OTFD over the proposed area forest land and unanimously approved the diversion of forest land in favour of M/s. **Orissa Mining Corportion Limited.**

Village-Balada

Previously awareness on Forest Right Act was made in village by holding a Pallisabha on Dtd.16.3.08 (**Annexure-A25**) where in Forest Right Committee members were also selected. Again on **20.2.13 (Annexure-A26)** FRC was held to create awareness on various provision and benefit of FR Act among the villagers. On **17.12.16 (Annexure-27)** was approved the diversion of forest land in favour of OMC Limited. . . For village Balada a Gramsabha was held on **20.12.16 (Annexure-A28)** where in discussion on Forest Right claim was made and it was found that no STs & OTFD people lived in the proposed area of forest land and do not depend upon the said forest area for earning their livelihood. The Gram Sabha convinced that there is no claim of any STs,PTGs & OTFD over the proposed area forest land and unanimously approved the diversion of forest land in favour of **M/s. Orissa Mining Corportion Limited.**

The SDLC,Champua in their meeting held on **28.1.2017** furnished certificate ensuring attendance of more that 50% of voters of the concerned villages and verifying the signatures /LTI of the participants duly attested with reference to Electoral Roll of the village. The SDLC further certified that the ST & OTFD(RFR) Act,2006 and amendment rule,2012 has been ensured in respect of village Uchabali, Kundaposi and Balada. and there is no claim either individual and community on the forest land proposed for diversions in the respective villages. For better appreciation of the DLC,the details of village,extent of land & other relevant information concerning diversion of forest land measuring an area of **68.091** Ha. of User's Agency Orisssa Mining Corporation Limited..

Name of the village/ Mouza	Extent of land apply (in Ha.)	Kisam of the land	Date of Gram Sabha when the diversion proposal approved	No.of Voters as per Electoral roll	No.of Voters signed in the Gram Sabha	Whether genuineness of voters verified with reference of Sl.No.of Electoral roll by authorized Govt. official in Gram Sabha	Whether joint verification certificate is counter signed by the Chairman SDLC	Previously Gram Sabha held in concerned village where provisions of FR Act was discussed
Uchabali	44.205	Jungle	20.12.16	637	464	Yes	Yes	23.3.08 –FRC constituted 16.12.16-FRC- & 24.6.14
Kundapoi	0.082	Jungle	20.12.16	340	226	yes	yes	16.3.08 –FRC constituted
Balada	23.804	-do-	20.12.16	747	550	yes	yes	14.12.16-FRC- 16.3.08 –FRC

								constituted
								17.12.16-FRC- & 20.2.13
	68.091							

The diversion proposals submitted after approval in SDLC held on dated 28.01.17. The detail land schedule duly signed by Forest Range Officer, Champua & Tahasildar, Barbil. Considering the (i) approval of the Gram Sabha of respective villages,(ii) recommendation of SDLC, Champua dtd.28.1.17 (iii) Joint verification certificates ensuring participation of more than 50% of the voters of the villages and "No claim" either Individual or Community on the proposed Forest land under ST &OTFD (RFR) Act,2006 & Rules there under ,(iv) land particulars for proposed diversion land jointly signed by Tahasildar, Barbil and Forest Range Officer, Barbil (v)Enquiry report signed by Sub-Collector, Champua Tahasildar, Barbil and Forest Range Officer, Champua ,President of FRC Committee of the concerned village (vi)proceedings of SDLC, Champua held on **28.1.17,** (vii) and the certification about no claim over the proposed land by ST,PTG & OTFD under FR Act for individual and CFR purposed. , The DLC (FR), Keonjhar convinced that:-

q) The complete process for identification and settlement of rights under the FRA has been carried out for the entire **68.091 Hectares** forest land proposed for diversion in village Unchabali, Kundaposi and Balanda as revealed from the proceedings of the Gram Sabha.

r) The proposal for such diversion in vernacular/local language have been placed before each concerned Gram Sabha of forest dwellers, who are eligible under the FRA. as revealed from the proceeding of the Gram Sabha.

s) The concerned Gram Sabhas have certified that all formalities/processes under the FRA have been carried out, and that they have given their consent to the proposed diversion and the compensation and ameliorative measures, if any, having understood the purpose and details of proposed diversion.

t) It reveals from the enquiry report furnished by Revenue & Forest personnel the discussion and decisions on such proposals had taken place only when there was a quorum of minimum 50% of the members of Gram Sabh present.

u) It reveals from the enquiry report furnished by Revenue & Forest personnel that no such facilities managed by the Govt. as required under section 3(2)of the FRA requiring diversion of forest land exist within the applied area as.

v) the right of PTG and PAC where applicable have been specifically safeguarded as per section 3(1)(e) of the FRA as reveals from the enquiry report furnished by Revenue & Forest personnel.

w) It reveals from the proceeding of the Gram Sabha of village that no ST or OTFD were in possession of the forest land proposed for diversion before 13.12.2005.

x) Further it reveals from the Gram Sabha proceedings of the above villages that no tribal or OTFD are presently residing nor any title of rights has been granted under the ST & OTFD(RFR)Act,2006 to any tribal or OTFD on the Forest land proposed for diversion.

The DLC has examined the case and approved for issuance of FRA certificate in favour of Orissa Mining Corporation in Unchabali Iron Ore Mines.

D) DUBUNA-SEKRADIHI IRON & MANAGANESE MINES OF OMC LTD.

On scrutiny of Case record, it is found that as per request of User's Agency Odisha Mining Corporation Limitd for compliance of ST & OTFD Act,2006 for diversion of forest land of Hc.. **1243.664** towards non-forest activities for mining activities involved in **Dubuna Sekradihi Iron & Managanese Mines.** The District Office instructed to the PA,ITDA,Keonjhar-cum-Dist.Nodal Officer,FRA vide letter No.2269//Rev. dtd. 24.10.16 communicated by the Collector, Keonjhar to enquire the matter on settlement of rights under FRA in the forest area involved in the project and forward the findings in the prescribed format specified in this regard within the stipulated period. The PA,ITDA,Keonjhar has forwarded the proposal to the BDOs,Joda & Jhumpura vide Letter No. 3009/ITDA Dt.15.11.16 with a request to enquiry the matter on settlement of rights under FRA and obtain consent of Gram Sabhas in the light of observation of Secy. MoTA.Govt.of India and submit report to the SDLC,Champua with subsequent memo to Tahasildars,Barbil & Jhumpura . . The Sub-Collector,Champua & Chairman,SDLC has submitted the proposal after due approval in SDLC held on 28.01.17..The Details Village wise are given below :

Village-Dubuna

Previously awareness on Forest Right Act was made in village by holding a Pallisabha on Dtd.**3.1.13 (Annexure-A29)** where in Forest Right Committee members were also selected. Again on **15.12.16 (Annexure (A30)** FRC was held to approved the diversion of forest land in favour of OMC Limited. . . For village Dubuna a Gramsabha was held on **21.12.16 (Annexure-A31)** where in discussion on Forest Right claim was made and it was found that no STs & OTFD people lived in the proposed area of forest land and do not depend upon the said forest area for earning their livelihood. The Gram Sabha convinced that there is no claim of any STs,PTGs & OTFD over the proposed area forest land and unanimously approved the diversion of forest land in favour of **M/s. Orissa Mining Corportion Limited.**

Village-Handibhanga

Previously awareness on Forest Right Act was made in village by holding a Pallisabha on Dtd.**12.4.13 (Annexure-A31)** where in Forest Right Committee members were also selected. Again on **16.12.16 (Annexure-A32)** FRC was held to approved the diversion of forest land in favour of OMC Limited. . . For village Handibhanga a Gramsabha was held on **20.12.16 (Annexure-A33)** where in discussion on Forest Right claim was made and it was found that no STs & OTFD people lived in the proposed area of forest land and do not depend upon the said forest area for earning their livelihood. The Gram Sabha convinced that there is no claim of any STs,PTGs & OTFD over the proposed area forest land and unanimously approved the diversion of forest land in favour of **M/s. Orissa Mining Corportion Limited.**

Village-Jamupani

Previously awareness on Forest Right Act was made in village by holding a Pallisabha on Dtd.**14.4.13 (Annexure-A34)** where in Forest Right Committee members were also selected. Again on **15.12.16 (Annexure-A35)** FRC was held to approved the diversion of forest land in favour of OMC Limited. . . For village Jamupani a Gramsabha was held on **20.12.16 (Annexure-A36)** where in discussion on Forest Right claim was made and it was found that no STs & OTFD people lived in the proposed area of forest land and do not depend upon the said forest area for earning their livelihood. The Gram Sabha convinced that there is no claim of any STs,PTGs & OTFD over the proposed area forest

land and unanimously approved the diversion of forest land in favour of M/s. Orissa Mining Corportion Limited.

Village-Pidhapokhari

Previously awareness on Forest Right Act was made in village by holding a Pallisabha on Dtd.18.4.13 (Annexure-A37) where in Forest Right Committee members were also selected. Again on 13.12.16 (Annexure-A38) FRC was held to approved the diversion of forest land in favour of OMC Limited. . . For village Pidhapokhari a Gramsabha was held on 17.12.16 (Annexure-A39) where in discussion on Forest Right claim was made and it was found that no STs & OTFD people lived in the proposed area of forest land and do not depend upon the said forest area for earning their livelihood. The Gram Sabha convinced that there is no claim of any STs,PTGs & OTFD over the proposed area forest land and unanimously approved the diversion of forest land in favour of M/s. Orissa Mining Corportion Limited.

Village-Purunadihi

Previously awareness on Forest Right Act was made in village by holding a Pallisabha on Dtd.19.4.13 (Annexure-A40) where in Forest Right Committee members were also selected. Again on 14.12.16 (Annexure-A41) FRC was held to approved the diversion of forest land in favour of OMC Limited. . . For village Purunadihi a Gramsabha was held on 21.12.16 (Annexure-A42) where in discussion on Forest Right claim was made and it was found that no STs & OTFD people lived in the proposed area of forest land and do not depend upon the said forest area for earning their livelihood. The Gram Sabha convinced that there is no claim of any STs,PTGs & OTFD over the proposed area forest land and unanimously approved the diversion of forest land in favour of M/s. Orissa Mining Corportion Limited.

Village-Naibuga

Previously awareness on Forest Right Act was made in village by holding a Pallisabha on Dtd.18.4.13 (Annexure-A43) where in Forest Right Committee members were also selected. Again on 14.12.16 (Annexure-A44) FRC was held to approved the diversion of forest land in favour of OMC Limited. . . For village Naibuga a Gramsabha was held on 21.12.16 (Annexure-A45) where in discussion on Forest Right claim was made and it was found that no STs & OTFD people lived in the proposed area of forest land and do not depend upon the said forest area for earning their livelihood. The Gram Sabha convinced that there is no claim of any STs,PTGs & OTFD over the proposed area forest land and unanimously approved the diversion of forest land in favour of M/s. Orissa Mining Corportion Limited.

Village-Basantapur

Previously awareness on Forest Right Act was made in village by holding a Pallisabha on Dtd.22.4.13 (Annexure-A46) where in Forest Right Committee members were also selected. Again on 8.12.16 (Annexure-A47) FRC was held to approved the diversion of forest land in favour of OMC Limited. . . For village Basantpur a Gramsabha was held on 20.12.16 (Annexure-A48) where in discussion on Forest Right claim was made and it was found that no STs & OTFD people lived in the proposed area of forest land and do not depend upon the said forest area for earning their livelihood. The Gram Sabha convinced that there is no claim of any STs,PTGs & OTFD over the proposed area forest land and unanimously approved the diversion of forest land in favour of M/s. Orissa Mining Corportion Limited.

The SDLC,Champua in their meeting held on 28.1.2017 furnished certificate ensuring attendance of more that 50% of voters of the concerned villages and verifying the signatures /LTI of the participants

duly attested with reference to Electoral Roll of the village. The SDLC further certified that the ST & OTFD(RFR) Act,2006 and amendment rule,2012 has been ensured in respect of village Dubuna, Handibhanga, Jamupani, Pidhapokhari, Purunadihi, Naibuga & Basantpur and there is no claim either individual and community on the forest land proposed for diversions in the respective villages. For better appreciation of the DLC,the details of village,extent of land & other relevant information concerning diversion of forest land measuring an area of 1243.664 Ha. of User's Agency Orisssa Mining Corporation Limited..

Name of the village/ Mouza	Extent of land apply (in Ha.)	Kisam of the land	Date of Gram Sabha when the diversion proposal approved	No.of Voters as per Electoral roll	No.of Voters signed in the Gram Sabha	Whether genuineness of voters verified with reference of Sl.No.of Electoral roll by authorized Govt. official in Gram Sabha	Whether joint verification certificate is counter signed by the Chairman SDLC	Previously Gram Sabha held in concerned village where provisions of FR Act was discussed
Dubuna	76.037	Jungle	21.12.16	800	488	Yes	Yes	3.1.13 –FRC constituted 15.12.16-FRC-
Handibhanga	5.497	Jungle	20.12.16	197	147	yes	yes	12.4.13 –FRC constituted 16.12.16-FRC-
Jampani	64.828	-do-	20.12.16	96	69	yes	yes	14.4.13 –FRC constituted 15.12.16-FRC-
Pidhapokhari	725.158	-do	17.12.16	420	298	Yes	Yes	18.4.13 –FRC constituted 13.12.16-FRC-
Purunadihi	2.394	-do	21.12.16	456	312	yes	yes	19.4.13 –FRC constituted 14.12.16-FRC-
Naibuga	338.732	-do-	21.12.16	1063	707	yes	yes	18.4.13 –FRC constituted 14.12.16-FRC-
Basantapur	31.018	-do-	20.12.16	1401	937	yes	yes	22.4.13 –FRC constituted 8.12.16-FRC-
	1243.664							

The diversion proposals submitted after approval in SDLC held on dated 28.01.17. The detail land schedule duly signed by Forest Range Officer, Champua & Tahasildar, Barbil. Considering the (i) approval of the Gram Sabha of respective villages,(ii) recommendation of SDLC, Champua dtd.28.1.17 (iii) Joint verification certificates ensuring participation of more than 50% of the voters of the villages and "No claim" either Individual or Community on the proposed Forest land under ST &OTFD (RFR) Act,2006 & Rules there under ,(iv) land particulars for proposed diversion land jointly signed by Tahasildar, Barbil and Forest Range Officer, Barbil (v)Enquiry report signed by Sub-Collector, Champua Tahasildar, Barbil and Forest Range Officer, Champua ,President of FRC Committee of the concerned village (vi)proceedings of SDLC, Champua held on **28.1.17,** (vii) and the certification about no claim over the proposed land by ST,PTG & OTFD under FR Act for individual and CFR purposed. , The DLC (FR), Keonjhar convinced that:-

y) The complete process for identification and settlement of rights under the FRA has been carried out for the entire **1243.664 Hectares** forest land proposed for diversion in villages Dubuna, Handibhanga, Jamupani, Pidhapokhari, Purunadihi, Naibuga & Basantpur as revealed from the proceedings of the Gram Sabha.

z) The proposal for such diversion in vernacular/local language have been placed before each concerned Gram Sabha of forest dwellers, who are eligible under the FRA. as revealed from the proceeding of the Gram Sabha.

aa) The concerned Gram Sabhas have certified that all formalities/processes under the FRA have been carried out, and that they have given their consent to the proposed diversion and the compensation and ameliorative measures, if any, having understood the purpose and details of proposed diversion.

bb) It reveals from the enquiry report furnished by Revenue & Forest personnel the discussion and decisions on such proposals had taken place only when there was a quorum of minimum 50% of the members of Gram Sabh present.

cc) It reveals from the enquiry report furnished by Revenue & Forest personnel that no such facilities managed by the Govt. as required under section 3(2)of the FRA requiring diversion of forest land exist within the applied area as.

dd) the right of PTG and PAC where applicable have been specifically safeguarded as per section 3(1)(e) of the FRA as reveals from the enquiry report furnished by Revenue & Forest personnel.

ee) It reveals from the proceeding of the Gram Sabha of village that no ST or OTFD were in possession of the forest land proposed for diversion before 13.12.2005.

ff) Further it reveals from the Gram Sabha proceedings of the above villages that no tribal or OTFD are presently residing nor any title of rights has been granted under the ST & OTFD(RFR)Act,2006 to any tribal or OTFD on the Forest land proposed for diversion.

The DLC has examined the case and approved for issuance of FRA certificate in favour of **Orissa Mining Corporation in Dubuna Sekradihi Iron & Manganese Mines**

E) Banspani Iron Ore M/s OMC Ltd.

On scrutiny of Case record, it is found that as per request of User's Agency Odisha Mining Corporation Limitd for compliance of ST & OTFD Act,2006 for diversion of forest land of He.. 32.969 towards non-forest activities for Mining activities involved in **Banspani Iron Ore Mines.** The District Office instructed to the PA,ITDA,Keonjhar-cum-Dist.Nodal Officer,FRA vide letter No.3//Rev. dtd. 2.1.17 communicated by the Collector, Keonjhar to enquire the matter on settlement of rights under FRA in the forest area involved in the project and forward the findings in the prescribed format specified in this regard within the stipulated period. The PA,ITDA,Keonjhar has forwarded the proposal to the BDO,Joda vide Letter No. 146/ITDA Dt.18.1.17 with a request to enquiry the matter on settlement of rights under FRA and obtain consent of Gram Sabhas in the light of observation of Secy. MoTA.Govt.of India and submit report to the SDLC,Champua with subsequent memo to Tahasildars,Barbil. . The Sub-Collector,Champua & Chairman,SDLC has submitted the proposal after due approval in SDLC held on 28.01.17..The Details Village wise are given below :

Name of the village/ Mouza	Extent of land apply (in Ha.)	Kisam of the land	Date of Gram Sabha when the diversion proposal approved	No.of Voters as per Electoral roll	No.of Voters signed in the Gram Sabha	Whether genuineness of voters verified with reference of Sl.No.of Electoral roll by authorized Govt. official in Gram Sabha	Whether joint verification certificate is counter signed by the Chairman SDLC	Previously Gram Sabha held in concerned village where provisions of FR Act was discussed
Banspani	4.063	Jungle	Gram Sabha proceeding not received					
Khuntupani	24.544	Jungle	-do-					
Jalahari	1.152	-do-	20.12.16	1258	831	yes	yes	20.5.12 –FRC constituted 5.12.16-FRC-
Baitarani RF	3.210	-do						
	32.969							

The gram sabha proceeding in respect of village Jalahari has been received. But the proceeding of village Banspani & Khuntapani have not been received sofar.

The Nodal Officer,FRA was directed to put up in the next DLC meeting after received of complete Gram Sabha proceedings.

Therefore, it was unanimously decided by the District Level Committee to submit proposal of **Odisha Mining Corporation Limited i.e. Khandabandha Iron Ore Mines, Tirigpahar Iron Ore Mines , Unchabali Iron Ore Mines & Dubuna Sekradihi Iron & Manganese Mines** to Collector & District Magistrate, Keonjhar for issuance of certificate regarding compliance of STs and OTFDs (RFR) Act,2006 & Rules there under.

The District Nodal Officer, FR was directed to submit the original documents of **Odisha Mining Corporation Limited i.e. Khandabandha Iron Ore Mines, Tirigpahar Iron Ore Mines , Unchabali Iron Ore Mines & Dubuna Sekradihi Iron & Manganese Mines** to the Collector & District Magistrate, Keonjhar for issuance of certificate regarding compliance of STs and OTFDs (RFR) Act,2006 & Rules there under.

The meeting ended with a vote of thanks to the Chair as well as the participants

13.2.17

PA,ITDA-CUM-NODAL OFFICER (FRA)

13/2/17

COLLECTOR, KEONJHAR

INTEGRATED TRIBAL DEVELOPMENT AGENCY : KEONJHAR

Memo No. 264 /ITDA(FR) Dated : 13/2/17

Copy submitted to the Director(ST-cum-Addl. Secretary to Govt., ST & SC Development Department, Odisha, Bhubaneswar/ Collector, Keonjhar / ADM,Keonjhar for kind information and necessary action.

PROJECT ADMINISTRATOR,ITDA,
-CUM-DIST. NODAL OFFICER, FRA

Memo No 265 /ITDA Dated : 13/2/17

Copy to all members for information and necessary action.

PROJECT ADMINISTRATOR,ITDA,
-CUM-DIST. NODAL OFFICER, FRA

Annexure-I

MEMBERS PRESENT IN THE D.L.C. MEETING HELD ON 10.2.17 AT 4.00 P.M. AT MINI CONFERENCE HALL OF COLLECTORATE, KEONJHAR

1) Dr.N.Thirumala Naik, IAS, Collector-cum-Chairman
2) Sj. Sangram Keshari Swain,OAS(S),A.D.M.,Keonjhar
3) Sj. Rohit Kumar Lenka,IFS, DFO,Keonjhar
4) Sj. Purna Chandra Mishra,OAS(I)SB,Sub-Collector,Keonjhar
5) Sj.Gourahari Behera,OAS(I)SB, Sub-Collector,Champua
6) Sj.Arun Kumar Mohapatra,OAS(I)SB, PA,ITDA,Keonjhar-cum-Dist.Nodal Officer,FRA

MINUTES OF DISCUSSION IN THE SDLC (FOREST RIGHTS) CHAMPUA HELD ON 28.01.2017 AT 03.00 P.M. IN THE OFFICE CHAMBER OF THE SUB-COLLECTOR-CUM-CHAIRMAN, SDLC, CHAMPUA.

Members present: - (Attendance enclosed)

1. Sub-Collector-cum-Chairman, SDLC, Champua.
2. Forest Range Officer, Champua.
3. S.O, I.T.D.A, Champua
4. Sri Braja Kishore Naik, P.S Member
5. Sri Bijendra Munda,P.S Member
6. ADWO, Champua
7. WEO, Champua
8. WEO, Jhumpura
9. WEO, Joda

The Sub-divisional Level Committee meeting was held on 28.01.2017 at 03.00 P.M in the Office Chamber of the Sub-Collector, Champua under the Chairmanship of Sub-Collector-cum-Chairman, SDLC Champua.

At the outset, the Sub-Collector-cum-Chairman, SDLC welcomed all members /invitees and sought their active cooperation in implementation of the scheme i.e. ST & Others Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006.In this meeting the proposal of User Agency M/S OMC Ltd. submitted by Tahasildar, Barbil & Tahasildar, Jhumpura were discussed among the presented members.

Mines wise and village wise proposal for issue of certificate regarding compliance of ST & OTFD (RFR) Act, 2006 and Amendment Rules, 2012 are examined as recorded below.

1. Khandbandh Iron Ore Mines
Village-Khandbandh
G.P-Jalahari

The proposal was received from Tahasildar, Barbil measuring an area **40.454 Ha.** of **village Khandbandh** for issue of certificate of compliance of ST & OTFD (RFR) Act, 2006 and Amendment Rules, 2012 for necessary diversion of forest land for non forest purpose i.e. mining activities in **Khandbandh Iron Ore Mines**. The Tahasildar Barbil, Forest Range Officer, Champua and President of FRC have recommended joint inquiry report of the proposed area along with requisited documents/information/map. More than 50% of voters were participated in the Gram Sabha of **village Khandbandh** held on 19.12.2016. The Tahasildar, Barbil also submitted a certificate in this regard. The details of F.R.C Meeting/Palli Sabha/Grama Sabha in different date are noted below: -

16.02.2013:- i) Forest Right Committee was formed in the Palli Sabha.
ii) Applications was invited from the eligible ST & OTFD.
(Annexure-A)

03.12.2016:- i) Forest Right Committee meeting was held. It was unanimously passed in the Forest Right Committee Meeting that there is no objection if the proposed area (40.454 Ha.) is used by the User Agency M/S OMC Ltd. for mining purpose.
(Annexure-B)

19.12.2016:- i)Grama Sabha was held for diversion of forest land for non-forest purpose measuring an **area 40.454 Ha.** (Notice enclosed)
(ii) The Members present decided considering the different aspects of ST & OTFD Rule that there is no objection if the proposed area is used for mining purpose (Annexure-C)

Awareness

03.12.2016:- Forest Right Committee meeting was held. Application was invited from the eligible person. Different aspects of forest right was discussed.

Village-Jalahari
G.P-Jalahari

The proposal was received from Tahasildar, Barbil measuring an area 2.904 Ha. of village Jalahari for issue of certificate of compliance of ST & OTFD (RFR) Act, 2006 and Amendment Rules, 2012 for necessary diversion of forest land for non forest purpose i.e. mining activities in Khandbandh Iron Ore Mines. The Tahasildar Barbil, Forest Range Officer, Champua and President of FRC have recommended joint inquiry report of the proposed area along with requisited documents/information/map. More than 50% of voters were participated in the Gram Sabha of village Jalahari held on 20.12.2016. The Tahasildar, Barbil also submitted a certificate in this regard. The details of F.R.C Meeting/Palli Sabha/Grama Sabha in different date are noted below: -

20.05.2012:- i) Forest Right Committee was formed in the Palli Sabha.
ii) Applications was invited from the eligible ST & OTFD.
(Annexure-A)

05.12.2016:- i) Forest Right Committee meeting was held. It was unanimously passed in the Forest Right Committee Meeting that there is no objection if the proposed area (2.904 Ha.) is used by the User Agency M/S OMC Ltd. for mining purpose.
(Annexure-B)

20.12.2016:- i)Grama Sabha was held for diversion of forest land for non-forest purpose measuring an area **2.904 Ha.** (Notice enclosed)
(ii) The Members present decided considering the different aspects of ST & OTFD Rule that there is no objection if the proposed area is used for mining purpose (Annexure-C)

Awareness

05.12.2016:- Forest Right Committee meeting was held. Application was invited from the eligible person. Different aspects of forest right was discussed.

Village-Jorali
G.P-Jalahari

The proposal was received from Tahasildar, Barbil measuring an area **2.386 Ha.** of village **Jorali** for issue of certificate of compliance of ST & OTFD (RFR) Act, 2006 and Amendment Rules, 2012 for necessary diversion of forest land for non forest purpose i.e. mining activities in **Khandbandh Iron Ore Mines.** The Tahasildar Barbil, Forest Range Officer, Champua and President of FRC have recommended joint inquiry report of the proposed area along with requisited documents/information/map. More than 50% of voters were participated in the Gram Sabha of village **Jorali** held on 21.12.2016. The Tahasildar, Barbil also submitted a certificate in this regard. The details of F.R.C Meeting/Palli Sabha/Grama Sabha in different date are noted below: -

13.02.2013:- i) Forest Right Committee was formed in the Palli Sabha.
ii) Applications was invited from the eligible ST & OTFD.
(Annexure-A)

06.12.2016:- i) Forest Right Committee meeting was held. It was unanimously passed in the Forest Right Committee Meeting that there is no objection if the proposed area (2.386 Ha.) is used by the User Agency M/S OMC Ltd. for mining purpose.
(Annexure-B)

21.12.2016:- i)Grama Sabha was held for diversion of forest land for non-forest purpose measuring an area **2.386 Ha.** (Notice enclosed)

(ii) The Members present decided considering the different aspects of ST & OTFD Rule that there is no objection if the proposed area is used for mining purpose (Annexure-C)

Awareness

06.12.2016:- Forest Right Committee meeting was held. Application was invited from the eligible person. Different aspects of forest right was discussed.

Village-Guruda
G.P-Balada

The proposal was received from Tahasildar, Barbil measuring an **area 5.122 Ha.** of **village Guruda** for issue of certificate of compliance of ST & OTFD (RFR) Act, 2006 and Amendment Rules, 2012 for necessary diversion of forest land for non forest purpose i.e. mining activities in **Khandbandh Iron Ore Mines.** The Tahasildar Barbil, Forest Range Officer, Champua and President of FRC have recommended joint inquiry report of the proposed area along with requisited documents/information/map. More than 50% of voters were participated in the Gram Sabha of **village Guruda** held on 21.12.2016. The Tahasildar, Barbil also submitted a certificate in this regard. The details of F.R.C Meeting/Palli Sabha/Grama Sabha in different date are noted below: -

23.03.2008:- i) Forest Right Committee was formed in the Palli Sabha.
ii) Applications was invited from the eligible ST & OTFD.
(Annexure-A)

07.12.2016:- i) Forest Right Committee meeting was held. It was unanimously passed in the Forest Right Committee Meeting that there is no objection if the proposed area **(5.122 Ha.)** is used by the User Agency M/S OMC Ltd. for mining purpose.
(Annexure-B)

21.12.2016:- i)Grama Sabha was held for diversion of forest land for non-forest purpose measuring an area **5.122 Ha.** (Notice enclosed)
(ii) The Members present decided considering the different aspects of ST & OTFD Rule that there is no objection if the proposed area is used for mining purpose (Annexure-C)

Awareness

07.12.2016:- Forest Right Committee meeting was held. Application was invited from the eligible person. Different aspects of forest right was discussed.

2.Tiringpahar Iron Ore Mines

Village-Khandbandh
G.P-Jalahari

The proposal was received from Tahasildar, Barbil measuring an area **6.578 Ha.** of Baitarani R/F for issue of certificate of compliance of ST & OTFD (RFR) Act, 2006 and Amendment Rules, 2012 for necessary diversion of forest land for non forest propose i.e. mining activities of **Tiringpahar Iron Ore Mines.** The Tahasildar Barbil, Forest Range Officer, Champua and President of FRC have recommended joint inquiry report of the proposed area along with requisite documents/information/map. More than 50% of voters were participated in the Gram Sabha of **village Khandbandh** held on 19.12.2016. The Tahasildar, Barbil also submitted a certificate in this regard. The details of F.R.C Meeting/Palli Sabha/Grama Sabha in different date are noted below:-

16.02.2013:- i) Forest Right Committee was formed in the Palli Sabha.
ii) Applications was invited from the eligible ST & OTFD.
(Annexure-A)

03.12.2016:- i) Forest Right Committee meeting was held. It was unanimously passed in the Forest Right Committee Meeting that there is no objection if the proposed area (6.578 Ha.) is used by the User Agency M/S OMC Ltd. for mining purpose.
(Annexure-B)

21.12.2016:- i)Grama Sabha was held for diversion of forest land for non-forest purpose measuring an area **6.578 Ha.** (Notice enclosed)
(ii) The Members present decided considering the different aspects of ST & OTFD Rule that there is no objection if the proposed area is used for mining purpose (Annexure-C)

Awareness

03.12.2016:- Forest Right Committee meeting was held. Application was invited from the eligible person. Different aspects of forest right was discussed.

Village-Kundurpani
G.P-Bhuyanroida

The proposal was received from **Tahasildar, Barbil** measuring an **area 6.578 Ha** of Baitarani R/F for issue of certificate of compliance of ST & OTFD (RFR) Act, 2006 and Amendment Rules, 2012 for necessary diversion of forest land for non forest purpose **(Safety Zone)** in **Tiringpahar Iron Ore Mines.** The Tahasildar Barbil, Forest Range Officer, Champua and President of FRC have recommended joint inquiry report of the proposed area along with requisite documents/information/map. More than 50% of voters were participated in the Gram Sabha of **village Kundurpani** held on 04.11.2015. The Tahasildar, Barbil also submitted a certificate in this regard. The details of F.R.C Meeting/Palli Sabha/Grama Sabha in different date are noted below: -

16.03.2008:- i) Forest Right Committee was formed in the Palli Sabha.
ii) Applications was invited from the eligible ST & OTFD.
(Annexure-A)

01.11.2015:- i) Forest Right Committee meeting was held. It was unanimously passed in the Forest Right Committee Meeting that there is no objection if the proposed area (6.578 Ha.) is used by the User Agency M/S OMC Ltd. for mining purpose.
(Annexure-B)

04.11.2015:- i)Grama Sabha was held for diversion of forest land for non-forest purpose measuring an area 6.578 Ha. (Notice enclosed)
(ii) The Members present decided considering the different aspects of ST & OTFD Rule that there is no objection if the proposed area is used for mining purpose (Annexure-C)

Awareness

01.11.2015:- Forest Right Committee meeting was held. Application was invited from the eligible person. Different aspects of forest right was discussed.

3.Banspani Iron Ore Mines

Village-Jalahari
G.P-Jalahari

The proposal was received from Tahasildar, Barbil measuring an area 4.362 Ha. (3.210 Ha. from Baitarani R/F & 1.152 Ha. from Revenue Forest) for issue of certificate of compliance of ST & OTFD (RFR) Act, 2006 and Amendment Rules, 2012 for necessary diversion of forest land for non forest purpose i.e mining activities in of **Banspani Iron Ore Mines.** The Tahasildar Barbil, Forest Range Officer, Champua and President of FRC have recommended joint inquiry report of the proposed area along with requisite documents/information/map. More than 50% of voters were participated in the Gram Sabha of village **Jalahari** held on 20.12.2016. The Tahasildar, Barbil also submitted a certificate in this regard. The details of F.R.C Meeting/Palli Sabha/Grama Sabha in different date are noted below: -

20.05.2012:- i) Forest Right Committee was formed in the Palli Sabha.
ii) Applications was invited from the eligible ST & OTFD.
(Annexure-A)

05.12.2016:- i) Forest Right Committee meeting was held. It was unanimously passed in the Forest Right Committee Meeting that there is no objection if the proposed area **(4.362 Ha.)** is used by the User Agency M/S OMC Ltd. for mining purpose.
(Annexure-B)

20.12.2016:- i)Grama Sabha was held for diversion of forest land for non-forest purpose measuring an area **4.362 Ha.** (Notice enclosed)
(ii) The Members present decided considering the different aspects of ST & OTFD Rule that there is no objection if the proposed area is used for mining purpose (Annexure-C)

Awareness

05.12.2016:- Forest Right Committee meeting was held. Application was invited from the eligible person. Different aspects of forest right was discussed

4. Uchabali (Mahaparbat) Iron Ore Mines

Village-Balada
G.P-Balada

The proposal was received from Tahasildar, Barbil measuring an **area 23.804 Ha.** (Treated as forest) for issue of certificate of compliance of ST & OTFD (RFR) Act, 2006 and Amendment Rules, 2012 for necessary diversion of forest land for non forest purpose i.e mining activities in **Uchabali (Mahaparbat) Iron Ore Mines.** The Tahasildar Barbil, Forest Range Officer, Champua and President of FRC have recommended joint inquiry report of the proposed area along with requisite documents/information/map. More than 50% of voters were participated in the Gram Sabha of **village Balada** held on 20.12.2016. The Tahasildar, Barbil also submitted a certificate in this regard. The details of F.R.C Meeting/Palli Sabha/Grama Sabha in different date are noted below: -

16.03.2008:- i) Forest Right Committee was formed in the Palli Sabha.
ii) Applications was invited from the eligible ST & OTFD.
(Annexure-A)

17.12.2016:- i) Forest Right Committee meeting was held. It was unanimously passed in the Forest Right Committee Meeting that there is no objection if the proposed area **(23.804 Ha.)** is used by the User Agency M/S OMC Ltd. for mining purpose.
(Annexure-B)

20.12.2016:- i)Grama Sabha was held for diversion of forest land for non-forest purpose measuring an area 23.804 Ha. (Notice enclosed)
(ii) The Members present decided considering the different aspects of ST & OTFD Rule that there is no objection if the proposed area is used for mining purpose (Annexure-C)

Awareness

17.12.2016:- Forest Right Committee meeting was held. Application was invited from the eligible person. Different aspects of forest right was discussed

Village-Kundaposi
G.P-Balada

The proposal was received from Tahasildar, Barbil measuring an **area 0.082 Ha.** for issue of certificate of compliance of ST & OTFD (RFR) Act, 2006 and Amendment Rules, 2012 for necessary diversion of forest land for non forest purpose i.e mining activities in **Uchabali (Mahaparbat) Iron Ore Mines.** The Tahasildar Barbil, Forest Range Officer, Champua and President of FRC have recommended joint inquiry report of the proposed area along with requisite documents/information/map. More than 50% of voters were participated in the Gram Sabha of **village Kundaposi** held on 20.12.2016. The Tahasildar, Barbil also submitted a certificate in this regard. The details of F.R.C Meeting/Palli Sabha/Grama Sabha in different date are noted below: -

16.03.2008:- i) Forest Right Committee was formed in the Palli Sabha.
ii) Applications was invited from the eligible ST & OTFD.
(Annexure-A)

14.12.2016:- i) Forest Right Committee meeting was held. It was unanimously passed in the Forest Right Committee Meeting that there is no objection if the proposed area (0.082 Ha.) is used by the User Agency M/S OMC Ltd. for mining purpose.
(Annexure-B)

20.12.2016:- i)Grama Sabha was held for diversion of forest land for non-forest purpose measuring an area 0.082 Ha. (Notice enclosed)
(ii) The Members present decided considering the different aspectsof ST & OTFD Rule that there is no objection if the proposed area is used for mining purpose (Annexure-C)

Awareness

14.10.2016:- Forest Right Committee meeting was held. Application was invited from the eligible person. Different aspects of forest right was discussed

Village-Uchabali
G.P-Palasha

The proposal was received from Tahasildar, Barbil measuring an **area 44.205 Ha.** for issue of certificate of compliance of ST & OTFD (RFR) Act, 2006 and Amendment Rules, 2012 for necessary diversion of forest land for non forest purpose i.e mining activities in **Uchabali (Mahaparbat) Iron Ore Mines.** The Tahasildar Barbil, Forest Range Officer, Champua and President of FRC have recommended joint inquiry report of the proposed area along with requisite documents/information/map. More than 50% of voters were participated in the Gram Sabha of **village Uchabali** held on 20.12.2016. The Tahasildar, Barbil also submitted a certificate in this regard. The details of F.R.C Meeting/Palli Sabha/Grama Sabha in different date are noted below: -

23.07.2008:- i) Forest Right Committee was formed in the Palli Sabha.
ii) Applications was invited from the eligible ST & OTFD.
(Annexure-A)

16.12.2016:- i) Forest Right Committee meeting was held. It was unanimously passed in the Forest Right Committee Meeting that there is no objection if the proposed area (44.205 Ha.) is used by the User Agency M/S OMC Ltd. for mining purpose.
(Annexure-B)

20.12.2016:- i)Grama Sabha was held for diversion of forest land for non-forest purpose measuring an area **44.205 Ha.** (Notice enclosed)
(ii) The Members present decided considering the different aspects of ST & OTFD Rule that there is no objection if the proposed area is used for mining purpose (Annexure-C)

Awareness

24.06.2014:- Forest Right Committee meeting was held. Application was invited from the eligible person. Different aspects of forest right was discussed

5. **Dubuna Sekradihi Iron & Manganese Mines**

Village-Dubuna
G.P-Badakalimati

The proposal was received from Tahasildar, Barbil measuring an **area 76.037 Ha.** of declared as forest area for issue of certificate of compliance of ST & OTFD (RFR) Act, 2006 and Amendment Rules, 2012 for necessary diversion of forest land for non forest purpose i.e mining activities in **Dubuna Sekradihi Iron & Manganese Mines.** The Tahasildar Barbil, Forest Range Officer, Champua and President of FRC have recommended joint inquiry report of the proposed area along with requisite documents/information/map. More than 50% of voters were participated in the Gram Sabha of village Dubuna held on 20.12.2016. The Tahasildar, Barbil also submitted a certificate in this regard. The details of F.R.C Meeting/Palli Sabha/Grama Sabha in different date are noted below: -

03.01.2013:- i) Forest Right Committee was formed in the Palli Sabha.
ii) Applications was invited from the eligible ST & OTFD.
(Annexure-A)

15.12.2016:- i) Forest Right Committee meeting was held. It was unanimously passed in the Forest Right Committee Meeting that there is no objection if the proposed area (**76.037 Ha.**)is used by the User Agency M/S OMC Ltd. for mining purpose.
(Annexure-B)

20.12.2016:- i)Grama Sabha was held for diversion of forest land for non-forest purpose measuring an area **76.037 Ha.** (Notice enclosed)
(ii) The Members present decided considering the different aspects of ST & OTFD Rule that there is no objection if the proposed area is used for mining purpose (Annexure-C)

Awareness

15.12.2016:- Forest Right Committee meeting was held. Application was invited from the eligible person. Different aspects of forest right was discussed

Village-Handibhanga
G.P-Badakalimati

The proposal was received from Tahasildar, Barbil measuring an area 5.497 Ha. of declared as forest area for issue of certificate of compliance of ST & OTFD (RFR) Act, 2006 and Amendment Rules, 2012 for necessary diversion of forest land for non forest purpose i.e mining activities in **Dubuna Sekradihi Iron & Manganese Mines.** The Tahasildar Barbil, Forest Range Officer, Champua and President of FRC have recommended joint inquiry report of the proposed area along with requisite documents/information/map. More than 50% of voters were participated in the Gram Sabha of **village Handibhanga** held on 20.12.2016. The Tahasildar, Barbil also submitted a certificate in this regard. The details of F.R.C Meeting/Palli Sabha/Grama Sabha in different date are noted below: -

12.04.2013:- i) Forest Right Committee was formed in the Palli Sabha.
ii) Applications was invited from the eligible ST & OTFD.
(Annexure-A)

16.12.2016:- i) Forest Right Committee meeting was held. It was unanimously passed in the Forest Right Committee Meeting that there is no objection if the proposed area (**5.497 Ha.**)is used by the User Agency M/S OMC Ltd. for mining purpose.
(Annexure-B)

20.12.2016:- i)Grama Sabha was held for diversion of forest land for non-forest purpose measuring an area **5.497** Ha. (Notice enclosed)
(ii) The Members present decided considering the different aspects of ST & OTFD Rule that there is no objection if the proposed area is used for mining purpose (Annexure-C)

Awareness

16.12.2016:- Forest Right Committee meeting was held. Application was invited from the eligible person. Different aspects of forest right was discussed

Village-Jampani
G.P-Badakalimati

The proposal was received from Tahasildar, Barbil measuring an area 64.828 Ha. declare as forest area for issue of certificate of compliance of ST & OTFD (RFR) Act, 2006 and Amendment Rules, 2012 for necessary diversion of forest land for non forest purpose i.e mining activities in **Dubuna Sekradihi Iron & Manganese Mines.** The Tahasildar Barbil, Forest Range Officer, Champua and President of FRC have recommended joint inquiry report of the proposed area along with requisite documents/information/map. More than 50% of voters were participated in the Gram Sabha of village **Jampani** held on 20.12.2016. The Tahasildar, Barbil also submitted a certificate in this regard. The details of F.R.C Meeting/Palli Sabha/Grama Sabha in different date are noted below: -

14.04.2013:- i) Forest Right Committee was formed in the Palli Sabha.
ii) Applications was invited from the eligible ST & OTFD.
(Annexure-A)

15.12.2016:- i) Forest Right Committee meeting was held. It was unanimously passed in the Forest Right Committee Meeting that there is no objection if the proposed area (**64.828 Ha.**) is used by the User Agency M/S OMC Ltd. for mining purpose.
(Annexure-B)

20.12.2016:- i)Grama Sabha was held for diversion of forest land for non-forest purpose measuring an area **64.828 Ha.** (Notice enclosed)

(ii) The Members present decided considering the different aspects of ST & OTFD Rule that there is no objection if the proposed area is used for mining purpose (Annexure-C)

Awareness

15.12.2016:- Forest Right Committee meeting was held. Application was invited from the eligible person. Different aspects of forest right was discussed

Village-Pidhapokhari
G.P-Badakalimati

The proposal was received from Tahasildar, Barbil measuring an area **725.158** Ha. of R/F for issue of certificate of compliance of ST & OTFD (RFR) Act, 2006 and Amendment Rules, 2012 for necessary diversion of forest land for non forest purpose i.e mining activities in **Dubuna Sekradihi Iron & Manganese Mines.** The Tahasildar Barbil, Forest Range Officer, Champua and President of FRC have recommended joint inquiry report of the proposed area along with requisite documents/information/map. More than 50% of voters were participated in the Gram Sabha of **village Pidhapokhari** held on 17.12.2016. The Tahasildar, Barbil also submitted a certificate in this regard. The details of F.R.C Meeting/Palli Sabha/Grama Sabha in different date are noted below: -

18.04.2013:- I) Forest Right Committee was formed in the Palli Sabha.
ii) Applications was invited from the eligible ST & OTFD.
(Annexure-A)

13.12.2016:- i) Forest Right Committee meeting was held. It was unanimously passed in the Forest Right Committee Meeting that there is no objection if the proposed area (**725.158 Ha.**) is used by the User Agency M/S OMC Ltd. for mining purpose.
(Annexure-B)

17.12.2016:- i)Grama Sabha was held for diversion of forest land for non-forest purpose measuring an area **725.158** Ha. (Notice enclosed)
(ii) The Members present decided considering the different aspects of ST & OTFD Rule that there is no objection if the proposed area is used for mining purpose (Annexure-C)

Awareness

13.12.2016:- Forest Right Committee meeting was held. Application was invited from the eligible person. Different aspects of forest right was discussed

Village-Purunadihi
G.P-Badakalimati

The proposal was received from Tahasildar, Barbil measuring an area 2.394 Ha. of declared as forest area for issue of certificate of compliance of ST & OTFD (RFR) Act, 2006 and Amendment Rules, 2012 for necessary diversion of forest land for non forest purpose i.e mining activities in Dubuna Sekradihi Iron & Manganese Mines. The Tahasildar Barbil, Forest Range Officer, Champua and President of FRC have recommended joint inquiry report of the proposed area along with requisite documents/information/map. More than 50% of voters were participated in the Gram Sabha of **village Purunadihi** held on **21.12.2016.** The Tahasildar, Barbil also submitted a certificate in this regard. The details of F.R.C Meeting/Palli Sabha/Grama Sabha in different date are noted below: -

19.04.2013:- i) Forest Right Committee was formed in the Palli Sabha.
ii) Applications was invited from the eligible ST & OTFD.
(Annexure-A)

(ii) The Members present decided considering the different aspects of ST & OTFD Rule that there is no objection if the proposed area is used for mining purpose (Annexure-C)

Awareness

15.12.2016:- Forest Right Committee meeting was held. Application was invited from the eligible person. Different aspects of forest right was discussed

Village-Pidhapokhari
G.P-Badakalimati

The proposal was received from Tahasildar, Barbil measuring an **area 725.158 Ha.** of R/F for issue of certificate of compliance of ST & OTFD (RFR) Act, 2006 and Amendment Rules, 2012 for necessary diversion of forest land for non forest purpose i.e mining activities in **Dubuna Sekradihi Iron & Manganese Mines.** The Tahasildar Barbil, Forest Range Officer, Champua and President of FRC have recommended joint inquiry report of the proposed area along with requisite documents/information/map. More than 50% of voters were participated in the Gram Sabha of **village Pidhapokhari** held on 17.12.2016. The Tahasildar, Barbil also submitted a certificate in this regard. The details of F.R.C Meeting/Palli Sabha/Grama Sabha in different date are noted below: -

18.04.2013:- i) Forest Right Committee was formed in the Palli Sabha.
ii) Applications was invited from the eligible ST & OTFD.
(Annexure-A)

13.12.2016:- i) Forest Right Committee meeting was held. It was unanimously passed in the Forest Right Committee Meeting that there is no objection if the proposed area (**725.158 Ha.**) is used by the User Agency M/S OMC Ltd. for mining purpose.
(Annexure-B)

17.12.2016:- i)Grama Sabha was held for diversion of forest land for non-forest purpose measuring an area **725.158 Ha.** (Notice enclosed)
(ii) The Members present decided considering the different aspects of ST & OTFD Rule that there is no objection if the proposed area is used for mining purpose (Annexure-C)

Awareness

13.12.2016:- Forest Right Committee meeting was held. Application was invited from the eligible person. Different aspects of forest right was discussed

Village-Purunadihi
G.P-Badakalimati

The proposal was received from Tahasildar, Barbil measuring an **area 2.394 Ha.** of declared as forest area for issue of certificate of compliance of ST & OTFD (RFR) Act, 2006 and Amendment Rules, 2012 for necessary diversion of forest land for non forest purpose i.e mining activities in **Dubuna Sekradihi Iron & Manganese Mines.** The Tahasildar Barbil, Forest Range Officer, Champua and President of FRC have recommended joint inquiry report of the proposed area along with requisite documents/information/map. More than 50% of voters were participated in the Gram Sabha of **village Purunadihi** held on **21.12.2016.** The Tahasildar, Barbil also submitted a certificate in this regard. The details of F.R.C Meeting/Palli Sabha/Grama Sabha in different date are noted below: -

19.04.2013:- i) Forest Right Committee was formed in the Palli Sabha.
ii) Applications was invited from the eligible ST & OTFD.
(Annexure-A)

14.12.2016:- i) Forest Right Committee meeting was held. It was unanimously passed in the Forest Right Committee Meeting that there is no objection if the proposed area (2.394 Ha.) is used by the User Agency M/S OMC Ltd. for mining purpose.
(Annexure-B)

21.12.2016:- i)Grama Sabha was held for diversion of forest land for non-forest purpose measuring an area 2.394 Ha. (Notice enclosed)
(ii) The Members present decided considering the different aspects of ST & OTFD Rule that there is no objection if the proposed area is used for mining purpose (Annexure-C)

Awareness

14.12.2016:- Forest Right Committee meeting was held. Application was invited from the eligible person. Different aspects of forest right was discussed

Village-Naibuga
G.P-Basantpur

The proposal was received from Tahasildar, Jhumpura measuring an area 338.732 Ha. (Revenue Forest 290.554 Ha. + 48.178 Ha. Reserve Forest) declared as forest for issue of certificate of compliance of ST & OTFD (RFR) Act, 2006 and Amendment Rules, 2012 for necessary diversion of forest land for non forest purpose i.e mining activities in **Dubuna Sekradihi Iron & Manganese Mines.** The Tahasildar Jhumpura, Forest Range Officer, Champua and President of FRC have recommended joint inquiry report of the proposed area along with requisite documents/information/map. More than 50% of voters were participated in the Gram Sabha of village Naibuga held on **21.12.2016.** The Tahasildar, Jhumpura also submitted a certificate in this regard. The details of F.R.C Meeting/Palli Sabha/Grama Sabha in different date are noted below: -

18.04.2013:- i) Forest Right Committee was formed in the Palli Sabha.
ii) Applications was invited from the eligible ST & OTFD.
(Annexure-A)

14.12.2016:- i) Forest Right Committee meeting was held. It was unanimously passed in the Forest Right Committee Meeting that there is no objection if the proposed area (338.732 Ha.) is used by the User Agency M/S OMC Ltd. for mining purpose.
(Annexure-B)

21.12.2016:- i)Grama Sabha was held for diversion of forest land for non-forest purpose measuring an area 338.732 Ha. (Notice enclosed)
(ii) The Members present decided considering the different aspects of ST & OTFD Rule that there is no objection if the proposed area is used for mining purpose (Annexure-C)

Awareness

14.12.2016:- Forest Right Committee meeting was held. Application was invited from the eligible person. Different aspects of forest right was discussed

Village-Basantpur
G.P-Basantpur

The proposal was received from Tahasildar, Jhumpura measuring an area 31.018 Ha. for issue of certificate of compliance of ST & OTFD (RFR) Act, 2006 and Amendment Rules, 2012 for necessary diversion of forest land for non forest purpose i.e mining activities in Dubuna Sekradihi Iron & Manganese Mines. The Tahasildar Jhumpura, Forest Range Officer, Champua and President of FRC

have recommended joint inquiry report of the proposed area along with requisite documents/information/map. More than 50% of voters were participated in the Gram Sabha of village Basantpur held on 20.12.2016. The Tahasildar, Jhumpura also submitted a certificate in this regard. The details of F.R.C Meeting/Palli Sabha/Grama Sabha in different date are noted below: -

22.04.2013:- i) Forest Right Committee was formed in the Palli Sabha.
ii) Applications was invited from the eligible ST & OTFD.
(Annexure-A)

08.12.2016:- i) Forest Right Committee meeting was held. It was unanimously passed in the Forest Right Committee Meeting that there is no objection if the proposed area (31.018 Ha.) is used by the User Agency M/S OMC Ltd. for mining purpose.
(Annexure-B)

20.12.2016:- i)Grama Sabha was held for diversion of forest land for non-forest purpose measuring an area 31.018 Ha. (Notice enclosed)
(ii) The Members present decided considering the different aspects of ST & OTFD Rule that there is no objection if the proposed area is used for mining purpose (Annexure-C)

Awareness

08.12.2016:- Forest Right Committee meeting was held. Application was invited from the eligible person. Different aspects of forest right was discussed.

After discussion in SDLC meeting the present members decided to recommend issue of certificate of compliance of ST & OTFD (RFR) Act, 2006 submitted by User Agency M/S OMC Ltd. measuring of an area 1380.139 Ha. to DLC as indicated below for taking further necessary action.

Sl. No	Name of the Mines	Name of the village	Area in Hac. against which compliance certificate recommended
1.	Khandbandh Iron Ore Mines	Khandbandh	40.454 Ha.
		Jalahari	2.904 Ha.
		Jorali	2.386 Ha.
		Guruda	5.122 Ha.
2.	Tiringpahar Iron Ore Mines	Khandbandh	6.578 Ha.
		Kundurpani	6.578 Ha.
3.	Banspani Iron Ore Mines	Jalahari	4.362 Ha.
4.	Uchabali (Mahaparbat) Iron Ore Mines	Balada	23.804 Ha.
		Kundaposi	0.082 Ha.
		Uchabali	44.205 Ha.
5.	Dubuna Sekradihi Iron & Manganese Mines	Dubuna	76.037 Ha.
		Handibhanga	5.497 Ha.
		Jampani	64.828 Ha.
		Pidhapokhari	725.158 Ha.
		Purunadihi	2.394 Ha.
		Naibuga	338.732 Ha.
		Basantpur	31.018 Ha.
		Total	1380.139 Ha.

have recommended joint inquiry report of the proposed area along with requisite documents/information/map. More than 50% of voters were participated in the Gram Sabha of village Basantpur held on 20.12.2016. The Tahasildar, Jhumpura also submitted a certificate in this regard. The details of F.R.C Meeting/Palli Sabha/Grama Sabha in different date are noted below:-

22.04.2013:- i) Forest Right Committee was formed in the Palli Sabha.
ii) Applications was invited from the eligible ST & OTFD.
(Annexure-A)

08.12.2016:- i) Forest Right Committee meeting was held. It was unanimously passed in the Forest Right Committee Meeting that there is no objection if the proposed area (**31.018 Ha.**) is used by the User Agency M/S OMC Ltd. for mining purpose.
(Annexure-B)

20.12.2016:- i)Grama Sabha was held for diversion of forest land for non-forest purpose measuring an area **31.018 Ha.** (Notice enclosed)
(ii) The Members present decided considering the different aspects of ST & OTFD Rule that there is no objection if the proposed area is used for mining purpose (Annexure-C)

Awareness

08.12.2016:- Forest Right Committee meeting was held. Application was invited from the eligible person. Different aspects of forest right was discussed.

After discussion in SDLC meeting the present members decided to recommend issue of certificate of compliance of ST & OTFD (RFR) Act, 2006 submitted by User Agency M/S OMC Ltd. measuring of an area **1380.139 Ha.** to DLC as indicated below for taking further necessary action.

Sl. No	Name of the Mines	Name of the village	Area in Hac. against which compliance certificate recommended
1.	Khandbandh Iron Ore Mines	Khandbandh	40.454 Ha.
		Jalahari	2.904 Ha.
		Jorali	2.386 Ha.
		Guruda	5.122 Ha.
		Total	50.866 Ha.
2.	Tiringpahar Iron Ore Mines	Khandbandh	6.578 Ha.
		Kundurpani	
3.	Banspani Iron Ore Mines	Jalahari	1.152 Ha.
		Baitarani R/F	3.210 Ha.
		Total	4.362 Ha.
4.	Uchabali (Mahaparbat) Iron Ore Mines	Balada	23.804 Ha.
		Kundaposi	0.082 Ha.
		Uchabali	44.205 Ha.
		Total	68.091 Ha.
5.	Dubuna Sekradihi Iron & Manganese Mines	Dubuna	76.037 Ha.
		Handibhanga	5.497 Ha.
		Jampani	64.828 Ha.
		Pidhapokharia	725.158 Ha.
		Purunadihin	2.394 Ha.
		Naibugasni	338.732 Ha.
		Basantpur	31.018 Ha.
		Total	1243.664 Ha.

CERTIFICATE:

a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire 50.866 Hectares forest land proposed for diversion in village Khandabandha, Jalahari, Jorali & Guruda as revealed from the proceedings for the Gram Sabha.

b) The proposal for such diversion in vernacular/local language have been placed before each concerned Gram Sabha of forest dwellers, who are eligible under the FRA. As revealed from the proceeding of the Gram Sabha

c) The concerned Gram Sabha have certified that all formalities/processes under the FRA have been carried out, and that they given their consent to the proposed diversion and the compensation and ameliorative measures, if any, having understood the purpose and details of proposed diversion.

d) It reveals from the enquiry report furnished by Revenue and Forest personnel the discussion and decisions on such proposals had taken place only when there was a quorum of minimum 50% of the members of Gram Sabha present.

e) It reveals from the enquiry report furnished by Revenue and Forest personnel that no such facilities managed by the Govt. as required under section 3(2) of the FRA requiring diversion of forest land exist within the applied are as.

f) The right of PTG and PAC where applicable have been specifically safeguarded as per section 3(1)(e) of the FRA as reveals from the enquiry report furnished by Revenue & Forest personnel.

g) It reveals from the proceeding of the Gram Sabha of village that no ST or OTFD were in possession of the forest land proposed for diversion before 13.12.2005.

h) Further it reveals from the Gram Sabha proceedings of the above village that no tribal or OTFD are presently residing nor any title of rights has been granted under the ST & OTFD (RFR) Act,2006 to any tribal or OTFD on the Forest land proposed for diversion.

31/1/17
Asst. Dist. Welfare Officer
Champua

31.1.17
Sub-Collector
Champua

CERTIFICATE: -

a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire 6.578 Hectares forest land proposed for diversion in village Khandabandha & Kundurpani as revealed from the proceedings for the Gram Sabha.

b) The proposal for such diversion in vernacular/local language have been placed before each concerned Gram Sabha of forest dwellers, who are eligible under the FRA. As revealed from the proceeding of the Gram Sabha.

c) The concerned Gram Sabha have certified that all formalities/processes under the FRA have been carried out, and that they given their consent to the proposed diversion and the compensation and ameliorative measures, if any, having understood the purpose and details of proposed diversion.

d) It reveals from the enquiry report furnished by Revenue and Forest personnel the discussion and decisions on such proposals had taken place only when there was a quorum of minimum 50% of the members of Gram Sabha present.

e) It reveals from the enquiry report furnished by Revenue and Forest personnel that no such facilities managed by the Govt. as required under section 3(2) of the FRA requiring diversion of forest land exist within the applied are as.

f) The right of PTG and PAC where applicable have been specifically safeguarded as per section 3(1)(e) of the FRA as reveals from the enquiry report furnished by Revenue & Forest personnel.

g) It reveals from the proceeding of the Gram Sabha of village that no ST or OTFD were in possession of the forest land proposed for diversion before 13.12.2005.

h) Further it reveals from the Gram Sabha proceedings of the above village that no tribal or OTFD are presently residing nor any title of rights has been granted under the ST & OTFD (RFR) Act,2006 to any tribal or OTFD on the Forest land proposed for diversion.

31/1/17

Asst. Dist. Welfare Officer
Champua

31.1.17

Sub-Collector
Champua

CERTIFICATE:

a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire 4.362 Hectares forest land proposed for diversion in village Jalahari & Baitarani R/F as revealed from the proceedings for the Gram Sabha.

b) The proposal for such diversion in vernacular/local language have been placed before each concerned Gram Sabha of forest dwellers, who are eligible under the FRA. As revealed from the proceeding of the Gram Sabha.

c) The concerned Gram Sabha have certified that all formalities/processes under the FRA have been carried out, and that they given their consent to the proposed diversion and the compensation and ameliorative measures, if any, having understood the purpose and details of proposed diversion.

d) It reveals from the enquiry report furnished by Revenue and Forest personnel the discussion and decisions on such proposals had taken place only when there was a quorum of minimum 50% of the members of Gram Sabha present.

e) It reveals from the enquiry report furnished by Revenue and Forest personnel that no such facilities managed by the Govt. as required under section 3(2) of the FRA requiring diversion of forest land exist within the applied are as.

f) The right of PTG and PAC where applicable have been specifically safeguarded as per section 3(1)(e) of the FRA as reveals from the enquiry report furnished by Revenue & Forest personnel.

g) It reveals from the proceeding of the Gram Sabha of village that no ST or OTFD were in possession of the forest land proposed for diversion before 13.12.2005.

h) Further it reveals from the Gram Sabha proceedings of the above village that no tribal or OTFD are presently residing nor any title of rights has been granted under the ST & OTFD (RFR) Act,2006 to any tribal or OTFD on the Forest land proposed for diversion.

Asst. Dist. Welfare Officer
Champua

Sub Collector
Champua

CERTIFICATE

a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire 68.091 Hectares forest land proposed for diversion in village Balada, Kundaposi & Uchabali as revealed from the proceedings for the Gram Sabha.

b) The proposal for such diversion in vernacular/local language have been placed before each concerned Gram Sabha of forest dwellers, who are eligible under the FRA. As revealed from the proceeding of the Gram Sabha.

c) The concerned Gram Sabha have certified that all formalities/processes under the FRA have been carried out, and that they given their consent to the proposed diversion and the compensation and ameliorative measures, if any, having understood the purpose and details of proposed diversion.

d) It reveals from the enquiry report furnished by Revenue and Forest personnel the discussion and decisions on such proposals had taken place only when there was a quorum of minimum 50% of the members of Gram Sabha present.

e) It reveals from the enquiry report furnished by Revenue and Forest personnel that no such facilities managed by the Govt. as required under section 3(2) of the FRA requiring diversion of forest land exist within the applied are as.

f) The right of PTG and PAC where applicable have been specifically safeguarded as per section 3(1)(e) of the FRA as reveals from the enquiry report furnished by Revenue & Forest personnel.

g) It reveals from the proceeding of the Gram Sabha of village that no ST or OTFD were in possession of the forest land proposed for diversion before 13.12.2005.

h) Further it reveals from the Gram Sabha proceedings of the above village that no tribal or OTFD are presently residing nor any title of rights has been granted under the ST & OTFD (RFR) Act,2006 to any tribal or OTFD on the Forest land proposed for diversion.

Asst. Dist. Welfare Officer
Champua

Sub-Collector
Champua

CERTIFICATE:

a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire 1243.664 Hectares forest land proposed for diversion in village Dubuna, Handibhanga, Jampani, Pidhapokhari, Purunadihi, Naibuga & Basantpur as revealed from the proceedings for the Gram Sabha.

b) The proposal for such diversion in vernacular/local language have been placed before each concerned Gram Sabha of forest dwellers, who are eligible under the FRA. As revealed from the proceeding of the Gram Sabha.

c) The concerned Gram Sabha have certified that all formalities/processes under the FRA have been carried out, and that they given their consent to the proposed diversion and the compensation and ameliorative measures, if any, having understood the purpose and details of proposed diversion.

d) It reveals from the enquiry report furnished by Revenue and Forest personnel the discussion and decisions on such proposals had taken place only when there was a quorum of minimum 50% of the members of Gram Sabha present.

e) It reveals from the enquiry report furnished by Revenue and Forest personnel that no such facilities managed by the Govt. as required under section 3(2) of the FRA requiring diversion of forest land exist within the applied are as.

f) The right of PTG and PAC where applicable have been specifically safeguarded as per section 3(1)(e) of the FRA as reveals from the enquiry report furnished by Revenue & Forest personnel.

g) It reveals from the proceeding of the Gram Sabha of village that no ST or OTFD were in possession of the forest land proposed for diversion before 13.12.2005.

h) Further it reveals from the Gram Sabha proceedings of the above village that no tribal or OTFD are presently residing nor any title of rights has been granted under the ST & OTFD (RFR) Act,2006 to any tribal or OTFD on the Forest land proposed for diversion.

31/1/17
Asst. Dist. Welfare Officer
Champua

31.1.17
Sub-Collector
Champua

(18) ANNEXURE - XVIII

No.J-11015/1081/2007-IA.II(M)
Government of India
Ministry of Environment and Forests

Paryavaran Bhawan
CGO Complex, Lodi Road,
New Delhi-110 003

Dated the 15th December, 2008

To

M/s Orissa Mining Corporation Limited
OMC House,
P.O. Box-34,
Bhubanswar – 751 001
Orissa
E-mail: info@orissamining.com

Subject: Expansion of Khandbandha Iron Ore Mining Project of M/s Orissa Mining Corporation Limited, located in Village(s) Khandandha, Gurda, Jalahuri, Jaroli & Jajang, Tehsil Barbil, District Keonjhar, Orissa - environmental clearance regarding

Sir,

This has reference to your letter No. 10590/OMC/F&E/2007 dated 15.05.2007 and subsequent letters dated 04.10.2007, 09.07.2008 and 08.08.2008 on the subject mentioned above. The proposal is for renewal of mine lease and enhancement of production of iron ore from 0.2million TPA to 1million TPA. The total mine lease area of the project is 366.311ha, out of which, 19.106ha is an agricultural land, 294.53ha is forestland, 46.231ha is waste land, 2.486ha is grazing land, 0.638ha is roads and 3.32ha is settlements (township). The mine lease area forms part of an un-classed forests. No new township is envisaged. Area proposed for mining is 169.044ha, an area of 9.473ha is kept for infrastructure, 28.359ha for temporary OB dumps, 4.365ha for temporary mineral storage, 10.638ha for roads, 8.88ha for green belt, 3.32ha for township, 16.338ha for magazine and its safety zone and 115.894ha is others (untouched area). The area released by re-handling of OB dump and also mineral storage shall be reclaimed by plantation during post mining stage. The Baitarani River is flowing in the buffer zone of the mine at a distance of 2km from the mine lease boundary. In addition, the Kundra Nallah is also located in the buffer zone of the mine at a distance of 3km from the mine lease boundary. A stretch of one seasonal fourth order stream, admeasuring to 570m, lying in the western side of the lease area will be affected due to expansion of deposit I and deposit V quarry, a diversion channel has been planned. No national park/wildlife sanctuary/biosphere reserve/tiger reserve/elephant reserve etc. is reported to be located in the core and buffer zone of the mine and that the area does not report to form corridor for Schedule-I fauna. In support of this, a duly authenticated map has been provided through the Divisional Forest Officer cum Wild Life Warden, Keonjhar Division. The Karo Kamarda Elephant Corridor is reported to be located at a distance of 11.6km from the mine lease boundary. Six Reserve Forests namely Baitarani RF, Khandabandha RF, Chamakpur RF, Sidhamatha RF, Dandadhuri RF and Mahaparbat RF are located in the buffer zone of the mine at a

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distance of 0.5km, 1km, 3km, 2km, 7.5km and 6.5km respectively from the mine lease boundary. The mine working will be opencast by semi-mechanized method involving drilling and blasting. There is an existing 60TPH crusher and an additional crusher of 110TPH is proposed as a part of this project. The targetted production capacity of the mine is 1million TPA and the life of mine is 7years. Approximately 3350TPD of mineral will be transported through road. The topography of the area is undulated and hilly at an elevation above mean sea level ranging from 525m-677m AMSL. There are six working pits (deposits). The deposit I and deposit V will be merged by 2013. The ultimate working depth of mine, deposit wise will be 585m AMSL in deposit I & deposit V, 596m AMSL in deposit II, 588m AMSL in deposit III, 626m AMSL in deposit IV and 618m AMSL in deposit VI. The groundwater table reported to vary from 544m-548m AMSL. The mine working will not intersect groundwater table. The peak water requirement of the project is estimated 73m^3 per day, which will be sourced from the perennial Kundra Nallah. Thirty five households comprising a population of 163people including 154tribals from one Village namely Khandbandh are reported to be located in the core zone of the mine, however displacement of population and R&R has not been envisaged. Approximately 0.2494million m^3 of OB has already been accumulated and another 4.518million m^3 of OB is proposed to be generated during the expansion phase (mine life). The entire quantity of the waste will be backfilled. The already accumulated waste will be re-handled in the first five years and there will be no external over burden dumps at the end of the mine life. Plantation will be raised in an area of 210.648ha at the end of the mine life and there will be no water body left during the post mining stage. The State Pollution Control Board, Orissa issued Consent to Establish to the project on 26.04.2007 for enhancement of iron ore production from 0.2million TPA to 1million TPA over mine lease area of 366.11ha.The public hearing of the project was held on 08.03.2007 as per EIA Notification, 2006 for enhancement of production of iron ore from 0.02million TPA to 1million TPA over an area of 366.311ha. The Indian Bureau of Mines had approved modified mining plan including progressive mine closure plan of the project on 23.10.2006 for lease area of 366.311ha. The capital cost of the project is Rs.31.95Crores. The capital cost for environmental protection measures is proposed as Rs.301Lakhs and the annual recurring cost towards environmental protection measures is proposed as Rs.33Lakhs.

2. The Ministry of Environment and Forests has examined the application in accordance with Section 12 of the EIA Notification, 2006 read with para 1.2 of the Circular No. J-11013/41/2006-IA.II(I) dated 13.10.2006 and hereby accords environmental clearance under the provisions thereof to the above mentioned Khandbandh Iron Ore Mining Project of M/s Orissa Mining Corporation Limited for an annual production capacity of 1,000,000tonne(one million tonne) of iron ore by opencast semi-mechanized method involving total lease area of 366.311ha, subject to implementation of the following conditions and environmental safeguards.

/3/-

A. Specific conditions

(i) All the conditions stipulated by the State Pollution Control Board, Orissa in their Consent to Establish shall be effectively implemented.

(ii) The environmental clearance is subject to approval of the State Landuse Department, Government of Orissa for diversion of agricultural land for non-agricultural use.

(iii) Environmental clearance is subject to grant of forestry clearance. Necessary forestry clearance under the Forest (Conservation) Act, 1980 for an area of 294.53ha forestland involved in the project shall be obtained before starting mining operation in that area. No mining will be undertaken in the forest area without obtaining requisite prior forestry clearance.

(iv) The project proponent shall develop fodder plots in the non-mineralised area in lieu of use of grazing land.

(v) The mining operations shall be restricted to above ground water table and it should not intersect groundwater table. In case of working below ground water table, prior approval of the Ministry of Environment and Forests and Central Ground Water Authority shall be obtained, for which a detailed hydro-geological study shall be carried out.

(vi) The project proponent shall ensure that no natural watercourse and/or water resources are obstructed due to any mining operations. Adequate measures shall be taken while diverting the 570m length 4th order seasonal channels during the course of mining operation.

(vii) The top soil, if any, shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.

(viii) The over burden generated shall be stacked temporarily at earmarked dump site(s) only. The existing over burden (OB) shall be re-handled and backfilled. Backfilling has already been in progress and the existing dumps shall be liquidated by 2012. There shall be no external over burden dumps. The entire excavated area shall be backfilled and afforested. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests and its Regional Office located at Bhubaneswar on six monthly basis.

(ix) Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and temporary OB dumps to prevent run off of water and flow of sediments directly into the Baitarni River, the Kundra Nallah and other water bodies. The water so collected shall be utilized for

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watering the mine area, roads, green belt development etc. The drains shall be regularly desilted, particularly after the monsoon, and maintained properly.

Garland drains, settling tanks and check dams of appropriate size, gradient and length shall be constructed around the mine pit, topsoil dump and temporary over burden dumps to prevent run off of water and flow of sediments directly into the Baitarni River, the Kundra Nallah and other water bodies and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and desilted at regular intervals.

(x) Dimension of the retaining wall at the toe of temporary OB dumps and the over burden benches within the mine to check run-off and siltation shall be based on the rain fall data.

(xi) Plantation shall be raised in an area of 210.648ha including a 7.5m wide green belt in the safety zone around the mining lease, backfilled and reclaimed area, quarry benches, around screening plant, roads etc. by planting the native species in consultation with the local DFO/Agriculture Department. The density of the trees should be around 2500 plants per ha.

(xii) Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of SPM and RSPM such as haul road, loading and unloading point and transfer points. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.

(xiii) Regular monitoring of water quality upstream and downstream of the Kundra Nallah shall be carried out and record of monitored data should be maintained and submitted to the Ministry of Environment and Forests, its Regional Office, Bhubneswar, the Central Groundwater Authority, the Regional Director, the Central Ground Water Board, the State Pollution Control Board and the Central Pollution Control Board.

(xiv) The project authority should implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.

(xv) Regular monitoring of ground water level and quality shall be carried out in and around the mine lease by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring should be carried out four times in a year – pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected shall be sent regularly to the Ministry of

...5/-

Environment and Forests and its Regional Office, Bhubaneswar, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.

(xvi) Suitable rainwater harvesting measures on long term basis shall be planned and implemented in consultation with the Regional Director, Central Ground Water Board.

(xvii) Appropriate mitigative measures shall be taken to prevent pollution of the Baitarni River in consultation with the State Pollution Control Board.

(xviii) The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of water (surface water and ground water) required for the project.

(xix) Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded.

(xx) Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.

(xxi) Drills shall either be operated with dust extractors or equipped with water injection system.

(xxii) Mineral handling area shall be provided with adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.

(xxiii) Consent to operate shall be obtained from the State Pollution Control Board prior to start of enhanced production from the mine.

(xxiv) Sewage treatment plant shall be installed for the colony. ETP shall also be provided for the workshop and wastewater generated during the mining operation.

(xxv) Digital processing of the entire lease area using remote sensing technique shall be carried out regularly once in three years for monitoring land use pattern and report submitted to the Ministry of Environment and Forests and its Regional Office, Bhubaneswar.

(xxvi) Land oustees and land losers/affected people, if any, shall be compensated and rehabilitated as per the National Policy on Resettlement and Rehabilitation of project Affected Families.

P.6/-

(xxvii) Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.

(xxviii) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

(xxix)The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely elephant etc. spotted in the study area. Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with the State Forest and Wildlife Department. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. All the safeguard measures brought out in the Wildlife Conservation Plan so prepared specific to the project site shall be effectively implemented. A copy of action plan shall be submitted to the Ministry of Environment and Forests and its Regional Office, Bhubaneswar.

(xxx) A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure for approval.

B. General conditions

(i) No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment & Forests.

(ii) No change in the calendar plan including excavation, quantum of minerals iron ore and manganese ore and waste should be made.

(iii) Alteast four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM, SPM, SO_2 & NOx monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.

(iv) Data on ambient air quality (RSPM, SPM, SO_2 & NOx) should be regularly submitted to the Ministry including its Regional office located at Bhubaneswar and the State Pollution Control Board / Central Pollution Control Board once in six months.

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(v) Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.

(vi) Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.

(vii) Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.

(viii) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.

Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.

(ix) A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.

(x) The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Bhubaneswar.

(xi) The project authorities should inform to the Regional Office located at Bhubaneswar regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.

(xii) The Regional Office of this Ministry located at Bhubaneswar shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.

(xiii) The project proponent shall submit six monthly report on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Bhubaneswar, Central Pollution Control Board and State Pollution Control Board.

..8/-

(xiv) A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal.

(xv) State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/ Tehsildar's Office for 30 days.

(xvi) The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at website of the Ministry of Environment and Forests at **http://envfor.nic.in** and a copy of the same should be forwarded to the Regional Office of this Ministry located Bhubaneswar.

3. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

4. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

5. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made thereunder and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Orissa and any other Court of Law relating to the subject matter.

6. Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.

(SATISH C. GARKOTI)
Additional Director (S)

Copy to:

(i) The Secretary, Ministry of Mines, Government of India, Shastri Bhawan, New Delhi.

(ii) The Secretary, Department of Environment, Government of Orissa, Secretariat, Bhubaneswar.

...9/-

(iii) The Secretary, Department of Mines and Geology, Government of Orissa, Secretariat, Bhubaneswar.

(iv) The Secretary, Department of Forests, Government of Orissa, Secretariat, Bhubaneswar.

(v) The Chief Wildlife Warden, Government of Orissa, Bhubaneswar.

(vi) The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.

(vii) The Chief Conservator of Forests, Regional Office (EZ), Ministry of Environment and Forests, A-3 Chandrashekharpur, Bhubaneshwar-751023.

(viii) The Chairman, Orissa State Pollution Control Board, Parivesh Bhawan, A/118 Nilakantha Nagar, Unit-VIII, Bhubaneshwar-751012.

(ix) The Member Secretary, Central Ground Water Authority, A2, W3 Curzon Road Barracks, K.G. Marg, New Delhi-110001.

(x) The District Collector, Keonhar District, Government of Orissa.

(xi) EI Division, Ministry of Environment & Forests, EI Division, New Delhi.

(xii) Monitoring File.

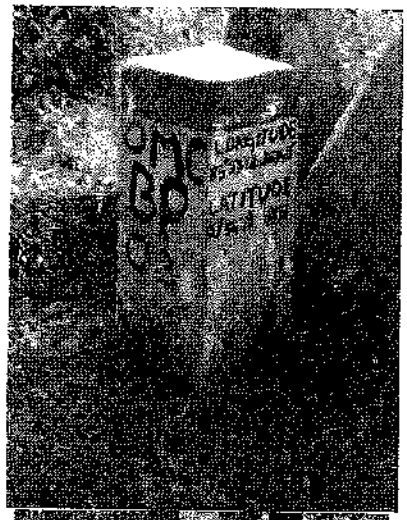
(xiii) Guard File.

(xiv) Record File.

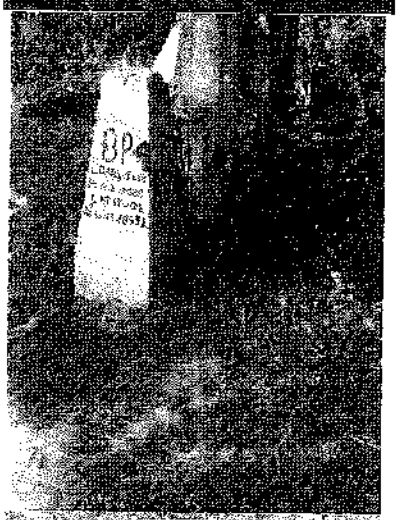
EDC(FSE)

Annexure- XIX

Photographs of ML boundary, safety zone and diverted forest area pillar of Khandbandh Iron Ore Mines of OMC Ltd.











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ANNEXURE-XX Series

OFFICE OF THE REGIONAL CHIEF CONSERVATOR OF FORESTS, ROURKELA CIRCLE, AT/P.O. PANPOSH, ROURKELA-769 004.

Memo No. 1478/3F-119/2021 Date: 11-06-2021

To

The Divisional Forest Officer,
Keonjhar Division.

Sub: Proposal for diversion of 345.189 ha. of forest land including 6.919 ha. safety zone within the total mining lease area over 366.311 ha. of Khandbandh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, Odisha.

X-Sub: Submission of revised schemes at the current wage rate of Rs.311.00 per man day.

Ref: Your Memo No.3316 Dtd.01.06.2021.

The revised financial outlays of the following schemes prepared in compliance with the conditions stipulated in the Stage-I approval accorded in respect of the above diversion proposal at the current wage rate of Rs.311.00/- per man day and submitted vide your Memo under reference are hereby technically approved for the amount as indicated against each.

Sl. No.	Name of the scheme for which revised financial outlay has been submitted by the DFO, Keonjhar	Technical approval by the RCCF, Rourkela Circle.
01	The scheme for Appropriate mitigative measures to minimize soil and choking of streams within Khandbandh Iron Ore Mines prepared in compliance with Condition No. 2(vii)(a) with a total financial outlay of Rs.44,16,000/-	Technically approved for Rs. 44,16,000/- (Rupees forty-four lakh sixteen thousand) only
02	The for planting of adequate hardy plant species and sowing of seeds in the appropriate area within the mining lease area to arrest soil erosion prepared in compliance with Condition No. (vii)(b) without budgetary provision.	Technically approved vide this office Memo No.1681 dtd.12.07.2019.
03	The scheme for construction of check dams, retention / toe walls to arrest sliding down of the excavated material along the contour prepared in compliance with Condition No. (vii)(c) with a total financial outlay of Rs.62,73,900/-	Technically approved for Rs.62,73,900 (Rupees sixty-two lakh seventy-three thousand nine hundred) only
04	The Scheme to stabilize overburden dump by grading/benching so as to ensure the angles of repose at any given place is less than 28^0 prepared in compliance with Condition No. 2(vii)(d) with a total financial outlay of Rs.2,06,12,300/-	Technically approved for Rs. 2,06,12,300/- (Rupees two crore six lakh twelve thousand three hundred) only
05	The scheme for Management of Top Soil within Khandabandh Iron Ore Mines prepared in compliance with Condition No. 2(vii)(e) with a total financial outlay of Rs.3,47,47,300/-	Technically approved for Rs.3,47,47,300/- (Rupees three crore forty-seven lakh forty-seven thousand three hundred) only

06	The Scheme for fencing, protection and regeneration of the safety zone within the mining lease boundary prepared in compliance with Condition No. 2(xii) with a total financial outlay of Rs.93,35,600/-	Technically approved for Rs.93,35,600/- (Rupees ninety-three lakh thirty-five thousand six hundred) only
07	The Scheme for afforestation over one & half time of safety zone area over 10.38 ha of degraded forest land identified in Baitarani East (A) PRF forest block of Champua prepared in compliance with Condition No. 2(xii) with a total financial outlay of Rs. 17,61,700/-	Technically approved for Rs.17,61,700/- (Rupees seventeen lakh sixty-one thousand seven hundred) only
08	The Scheme for gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests located in the area within 100 meters from outer perimeter of the mining lease prepared in compliance with Condition No. 2(xxiii) with a total financial outlay of Rs.34,02,100/-	Technically approved for Rs.34,02,100/- (Rupees thirty-four lakh two thousand one hundred) only
09	The scheme for de-silting of the village tanks and other water bodies located within 05 Km from Mining Lease Boundary so as to mitigate the impact of siltation of such tanks/water bodies prepared in compliance with Condition No. (xxv) with a total financial outlay of Rs.22,88,500/-.	Technically approved for Rs.22,88,500/- (Rupees twenty-two lakh eighty-eight thousand five hundred) only.

The technically approved revised financial outlays are returned herewith for taking necessary action at your end.

Encl:- As above.

Regional Chief Conservator of Forests,
Rourkela Circle

Memo No. Date:

Copy forwarded to the Chief Conservator of Forests(Forest Diversion & Nodal Officer, FC Act),O/o the Pr.CCF, Odisha for favour of kind information and necessary action with reference to Memo No.3317 dtd.01.06.2021 of the DFO, Keonjhar Division.

Regional Chief Conservator of Forests,
Rourkela Circle

SCHEME FOR

GAP PLANTING AND SOIL MOISTURE CONSERVATION MEASURES TO RESTOCK AND REJUVINATE THE DEGRADED OPEN FORESTS LOCATED WITHIN 100 mtr FROM OUTER PERIMETER OF MINING LEASE IN RESPECT OF KHANDBANDH IRON MINES OF M/S OMC LTD. OVER ML AREA 366.311 HA IN KEONJHAR DISTRICT

FOR

KHANDABANDHA IRON ORE MINES

UNDER KEONJHAR FOREST DIVISION

OF

M/S ODISHA MINING CORPORATION LTD.

(A GOVT.OF ODISHA UNDERTAKING)

OMC HOUSE, BHUBANESWAR-751001

(As per Additional condition No.(xxiii) of the stage-I Forest Clearance granted by MoEF&CC, Govt.of India vide F.No.8-46/2018-FC dt31.01.2019)

(@ Rs. 311.00/- per manday)

ELEMENTS OF THE SCHEME FOR GAP PLANTATION

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CHAPTER- I

BRIEF NOTE ON THE PROPOSED FOREST DIVERSION PROPOSAL

The mining lease of Khandbandh Iron ore mine was granted over 905.175 acers or 366.311 ha vide letter No. III (A) II-9/63- 11708, dated 22.11.1963 of Govt. of Odisha Mining & Geology Department. The said Mining lease was executed on dated 30.11.1963 for a period of 30 years with effect from 30.11.1963 to 29.11.1993 over an area of 366.311 ha. The first RML was applied on 09.11.1992 one year prior to expiry of the original mining lease period. The second RML was applied on 06.11.2012 over the said area from extension of ML period 30.11.2013 to 29.11.2033.

The Mining Lease of Khandbandh Iron Ore Mines of M/s OMC Ltd lies between longitude E 85^0 23'12.66888" – 85^0 24' 45.86016" and latitude N 21^0 55' 40.27579" – 21^0 57' 29.90066" in Survey of India topo sheet no. F 45 N 5. The said mining lease over 366.311 ha involves 97.217 ha Village Forest, 209.973 ha DLC forest land and 37.999 ha Non-forest land recorded as Forest as on 25.10.1980. The instant diversion proposal has been submitted over 345.189 ha (Revenue forest-97.217 ha, DLC Forest-209.973 ha and 37.999 ha Non- Forest land recorded as Forest as on 25.10.1980) including safety zone area over 6.77 ha Forest land for diversion under Section-2 (ii) of Forest (Conservation) Act, 1980. The certified status of the non-forest land, involved in the mining lease, depicts that 37.999 ha non-forest land in village Khandbandh, Guruda&Jaroli is Forest as on 25.10.1980. The total broken up land, involved in the mining lease, is 129.095 ha.

Stage-I approval for diversion of 345.189 ha. forest land for non-forest purpose for Khandabandha Iron Ore mine has been accorded vide F.No.8-46/2018-FC Dt. 31.1.2019 of Ministry of Environment, Forests & Climate Change subject to fulfillment of certain conditions.

As per condition No.(xxiii) of the Stage-I approval, *"User agency either himself or through the State Forest Department shall undertake gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests (having crown density less than 0.40), if any, located in the area within 100 m. from outer perimeter of the mining lease. The plan for plantation and SMC activities will be prepared and submitted to MoEF&CCbefore Stage-II Clearance"*

In compliance with this condition, a comprehensive scheme is prepared for implementation of the same in 366.311 ha. area of the said mining lease. Earlier a scheme for gap planting and soil moisture conservation measures to restock and rejuvenate the degraded open forests located within 100 mtr from mining lease has been approved by RCCF, Rourkela @ Rs. 286.30 per man day, @Rs. 298.00 per man day and Rs. @ Rs. 303.40 per man day. Labour Commissioner of Odisha letter no. 2816/LC dt. 25.05.2021 has revised the minimum wage rate to Rs. 311.00/- per man day. In this context the scheme has been revised @ Rs. 311.00 per man day.

CHAPTER- II

DETAILS OF LAND IDENTIFIED FOR PLANTATION OVER 37.25Ha IN ANR MODEL @ 400 PLANTS/HA

IDENTIFICATION OF DEGRADED FOREST LAND

II(1)- Details of identified Forest land-

An area of 37.25 ha. degraded forest land outside the 100 mtrout side of ML area of Khandbandh Iron Ore mines of M/s OMC Ltd out of which non-forest -5.459 ha , open forest 10.677 ha and MDF 21.114 ha i.e in village Khandbanda, Guruda&Jalharihas been identified in Champua Range for taking plantation in ANR model @ 400 plants/Ha. The location map is enclosed as Plate-I. The area has been inspected by the Range Officer, Champua Range and found to be suitable for Afforestation and free from encroachment and encumbrances (copy enclosed).

II(2)- Character of existing vegetation of the identified site-

The prevailing forest growth in part of the forest land has been categorized under forest type- 3C/C_2e Moist Peninsular Valley Sal. The vegetation consists of Sal and its associates like Jamu, Sunari, Asana, Karada, Dhaura etc.

II(3)- Suitability of the identified site –

The identified site is a degraded patch with existing vegetation of Sal and Sal associates. Gaps are sporadically spread over the forest block. The topography of the area is almost plain to gentle hilly in the identified area. The soil is mostly hard rock to sandy loam. The average maximum temperature is 42^0 to 45^0C and minimum 5^0 to 10^0 C and annual rainfall varies from 1100 mm to 1800 mm. The maximum rainfall is received during the rainy season from July to September.

CHAPTER-III

DELINEATION OF PROPOSED AREA ON SUITABLE MAP

III(1)- GPS COORDINATES AND GPS MAP OF THE PLANTATION SITE

The area has been demarcated through GPS survey and GPS survey data showing latitude and longitude of each point and their chainage with bearing is also enclosed in the map prepared thereon (Maps enclosed).

Decision Support System of degraded forest land identified for plantation

Sl. No.	Name of the Village	Verified in Decision Support System (in ha)				
		Total Area	Non-forest	Open-forest	MDF	Area suitable for plantation
1	Khandbandh, Guruda&Jalhari	37.25	5.459	10.677	21.114	16.136

CHAPTER- IV

AGENCY RESPONSIBLE FOR PLANTATION OVER 16.136Ha.

IV(1)- AGENCY RESPONSIBLE FOR PLACEMENT OF FUNDS

The user agency shall provide funds to carry out plantation as per approved scheme. The funds to be deposited in CAMPA Account by the User Agency.

The Territorial Wing of the Forest Department i.e. Divisional Forest Officer, Keonjhar Division shall be assigned with the task for execution of plantation work.

CHAPTER- V

DETAILS OF WORK SCHEDULE PROPOSED OVER 16.136 HA

A. PLANTING PLAN

Planting Plan reflects the species specific treatment of the identified site. Choice of species is based on the geo-morphology of the site, soil-texture, structure, fertility and depth, proneness of the site to water logging etc.

Patch No.	Total Area in Ha.	Area suitable for Plantation	As per DSS report area coming with-in MDF	Remarks
Patch 1	5.799	3.562	2.237	Shown in the Map
Patch 2	5.462	3.996	1.466	Shown in the Map
Patch 3	5.828	1.468	4.360	Shown in the Map
Patch 4	9.193	6.150	3.043	Shown in the Map
Patch 5	10.968	0.960	10.008	Shown in the Map
Total	37.250	16.136	21.114	

Species to be planted:-

1. *Sizyziumcumini*(Jamu)
2. *Adina cardifolia*(Kuruma)
3. *Anogeissuslatifolia*(Dhaura)
4. *Dalbergiasissoo*(Sissoo)
5. *Azadirrachtaindica*(Neem)
6. *Gmelinaarborea* (Gambar)
7. *Terminaliachebula*(Harida)

B.PRE-PLANTING OPERATION

B(I)-RAISING OF PLANTATION STOCK- NURSERY-

Nursery will be raised including seedlings for 10% causality replacement i.e. 440 seedlings per hectare will be raised.

B(II)-SURVEY, DEMARCATION & PILLAR POSTING, GPS READING WITH MAPPING-

The planting area has been surveyed and demarcated with four feet height RCC pillars at inter visible distance with GPS coordinates, forward and backward bearing, pillar No. and distance between pillars inscribed in it. A GPS map in the scale of 1:1000 has been prepared along with GPS co-ordinates, forward & backward bearing, pillar to pillar distance and pillar numbers reflected in the map.

C. PLANTING OPERATION

Planting of seedlings will be taken up in the month of July. The polythene covering the ball of earth will be carefully removed before planting. Care will be taken to see that the ball of earth is not broken while doing so. The seedling with the ball of earth will then be placed firmly in the pit and buried at such a depth that the root collar is well below the surface of the soil. The soil around the plant will be well compacted with the heal as a final step so that there is a proper bond between the plant and the surrounding soil. The earth close to the collar will be slightly elevated so that rain water does not accumulate very close to the plant.

D. POST PLANTING OPERATION

D(1)-CASUALTY REPLACEMENT

The entire area will be gone over in the same order as plantation was carried out and casualties, if any, will be replaced as soon as the main plantation operation is over.

D(2)-WEEDING AND SOIL WORKING

Regular and efficient weeding will start immediately in the month of August-September.

D(3)-MANURING AND INSECTICIDE APPLICATION

On degraded sites urban compost or farmyard manure, wherever available, will be added to the soil while refilling the pits. As regards artificial fertilizers, the minerals required and dosage will be applied in the month August to September as per the schedule and dosage provided in the Cost Norm.

D(4)-PROTECTION AGAINST FIRE AND GRAZING

Fire line tracing will be ensured to protect the plantation from fire and watch & ward will be provided as per the approved norm for protecting the plantation & protect the plant site from grazing by domestic animals using Bamboo Twig fencing around the plantation site over an area 4951Rmt.

CHAPTER-VI

REQUIREMENT OF FUNDS:

For implementation of all prescriptions outlined above, **34,02,100.00/- (Rupees thirty four lakhs two thousand one hundred) only** will be required as detailed below.

1.	ANR plantation @ 400 plants/Ha with 10 years maintenance amounting to Rs. 59902.71/- per Ha. **Expenditure for 16.136 ha (16.136 x 59902.71) =Rs 966590.13**	Rs:	966590.13
2	Staggered trenches @130 MD per ha over 16.136 ha.	Rs:	652378.48
3	Additional incentive (3% of cumulative expenditure upto 4th year) for VSS/Fr./FG proposed for more than 80% survival and very good growth during 4th year of maintenance as per recommendation of DFO and RCCF. @Rs. 1620.74/- for 16.136 ha.	Rs:	26152.26
4	Additional EPA expenses if implemented through VSS at rate Rs.1200/- in 0th Year, Rs.2400/- in 1st Year, Rs.1800/- in 2nd Year, Rs.600/- in 3rd Year, Rs.600/- in 4th Year,Rs.600/- in 5th Year ,Rs.600/- in 6th year, Rs.600/- in 7th year, Rs.600/- in 8th year, Rs.600/- in 9th year, Rs.600/- in 10th year @ Rs. 10200/- per ha for 16.136 ha	Rs:	164587.20
5	Bamboo twigs continuous fencing @ Rs.207.10/- per Rmt for Rmt including maintenance to be carried out:- **Expenditure for ha (Rs. 207.10/- x 4951 Rmt) = Rs1024857/-**	Rs:	1025352.10
	TOTAL PLANTATION COST :-	Rs:	28,35,060.17
8	Add 20% for escalation	Rs:	567012.03
	Total Plantation cost :-	Rs:	34,02,072.20 Or 34,02,100.00

(Rupees thirty four lakhs two thousand one hundred) only.

NB:- The cost norm for ANR plantation @400 plants per ha,& the cost norm for Bamboo Twigs continuous fencing for Block Plantation are taken @Rs. 311.00/Manday.

Divisional Forest Officer,
Keonjhar Division

CHAPTER-VII

PROVISION OF FUNDS AND FUND UTILIZATION

Rs. **34,02,100.00/- (Rupees thirty four lakhs two thousand one hundred) only** shall be deposited by the user agency M/s OMC Ltd on approval of the scheme to the Ad-hoc CAMPA Account and the funds will be utilized for raising plantation over 16.136 ha by the Divisional Forest Officer, Keonjhar Division on allotment by the Principal Chief Conservator of Forests, Odisha, Bhubaneswar.

Technically Approved

Regional Chief Conservator of Forests
Rourkela Circle

Divisional Forest Officer,
Keonjhar Division

Annexure-I

COST NORM FOR ANR PLANTATION @ 400 PLANTS PER HECTARE
WAGE RATE Rs. 311.00/- PER MANDAY

0th year (Advance work) Pre-planting operation.

Sl. No	Item of work	Preferable period of execution	person days	Labour (Rs)	Material (Rs)	Total (Rs)
	0th year					
1	Survey demarcation and pillar posting, GPS reading with mapping	Nov/Dec	2	622	0	622
2	Site Preparation	Nov/Dec	2	622	0	622
3	Silviculture Operation including clearance of weed, climber cutting, high stump cutting, singling of shoots etc.	Jan/Feb	5	1555.00		1555.00
4	Nursery cost (6 months old seedling) part @ Rs. 9.45/- seedling (Rs. 6.67 in 0th) year + Rs. 2.78 in 1st year) for 440 seedlings (400+40)		11	3421.00	735.00	4156.00
5	Contingency and unforeseen expenditure		0	0	165.00	165.00
	Sub Total		**20**	**6220.00**	**900.00**	**7120.00**
	Monitoring & supervision charges 5% of the total cost					356.00
	Total		20	622.00	900.00	7476.00
	1st year					
1	Nursery cost (6 months old seedling) balance @Rs. 2.78 for 440 seedlings	Apr-Jul	5	1555.00	255.00	1810.00
2	Pitting 30 cm cube size	Feb/Mar	12	3732.00	0	3732.00
3	Carriage and planting including casualty replacement	Jul/Aug	10	3110.00	0	3110.00
4	Complete weeding, Soil working, manuring	Aug/Sep	12	3732.00	0	3732.00
5	Cost of vermin compost @200gms/plant @Rs. 20/-per kg=Rs. 1600.00 and Granular insecticide 5 gms/ plant @ Rs. 80 per kg=Rs.160.00	Aug/Sep	0	0	1760.00	1760.00
6	Cost of chemical fertilizer (a) Urea 70 gms/plant in two subsequent doses @ Rs.6 per kg =Rs 168.00 (b) NPK 50 gms/plant @ Rs. 24/- per kg= Rs. 480.00 as basal dose		0	0	648.00	648.00
7	Silvicultural operation involving clearance of weeds, cutting of climbers, singling of shoots etc.	Sep/Oct	15	4665.00	0	4665.00
8	Soil Conservation Measures (Staggered trenches of dimension 2 m x o.5 mx 0.5 m@ 60 nos per ha) or its equivalent	Sep/Oct	20	6220.00	0	6220.00
9	Fire line Tracing and inspection path	Feb/Mar	3	933.00	0	933.00
10	Watch & ward	Aug-Mar	7	2177.00	0	2177.00
11	Contingency and unforeseen expenditure		0	0	319.00	319.00
	Sub Total		84	26124.00	2982.00	29106
	Monitoring & supervision charges 5% of the					1455.30

	Total cost					
	Total		84	26124	2982.00	30561.30
	2nd year					
1	Casualty Replacement including cost of seedling, carriage and planting	Jul/Aug	2	622.00	497.20	1119.00
2	Complete weeding and cultural operations	Sep/Oct	4	1244.00	0	1244.00
3	Soil working and manuring	Sep/Oct	4	1244.00	0	1244.00
4	Cost of fertilizer and insecticide (a) Vermi compost 200 gms/plant @ Rs. 20/ per kg=Rs.1600 (b) Granular insecticide 5 gms/plant for 40 plants 200gms @ Rs. 80/- per kg=Rs.16.00	Sep/Oct	0	0	1616.00	1616.00
5	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
6	Soil conservation Measures (Renovation of staggered trenches etc.)	Sep/Oct	8	2488.00	0	2488.00
7	Watch & ward (whole year)	Apr-Mar	7	2777.00	0	2777.00
8	Contingency and unforeseen expenditure		0	0	362.00	362.00
	Sub Total		26	8086.00	2475.20	10561.20
	Monitoring & supervision charges 5% of the total cost					528.06
	Total		26	8086.00	2475.20	11089.26
	3rd Year					
1	Complete weeding and cultural operations	Aug/Sep	2	622.00	0	622.00
2	Soil working	Aug/Sep	2	622.00	0	622.00
3	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
4	Watch & ward (whole year)	Apr-Mar	7	2177.00	0	2177.00
	Sub Total		12	3732.00	0	3732.00
	Monitoring & supervision charges 5% of the total cost					186.60
	Total		12	3732.00	0	3918.60
	4th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
2	Watch & ward and cultural operation	Apr-Mar	2	622.00	0	622.00
	Sub-Total		3	933.00	0	933.00
	Monitoring & supervision charges 5% of the total cost					46.65
	Total		3	933.00	0	979.65
	5th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
2	Watch & ward and cultural operation	Apr-Mar	2	622.00	0	622.00
	Sub-Total		3	933.00	0	933.00
	Monitoring & supervision charges 5% of the total cost					46.65
	Total		3	933.00	0	979.65
	6th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
2	Watch & ward and cultural operation	Apr-Mar	2	622.00	0	622.00
	Sub-Total		3	933.00	0	933.00

	Monitoring & supervision charges 5% of the total cost					46.65
	Total		3	933.00	0	979.65
	7th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
2	Watch & ward and cultural operation	Apr-Mar	2	622.00	0	622.00
	Sub-Total		3	933.00	0	933.00
	Monitoring & supervision charges 5% of the total cost					46.65
	Total		3	933.00	0	979.65
	8th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
2	Watch & ward and cultural operation	Apr-Mar	2	622.00	0	622.00
	Sub-Total		3	933.00	0	933.00
	Monitoring & supervision charges 5% of the total cost					46.65
	Total		3	933.00	0	979.65
	9th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
2	Watch & ward and cultural operation	Apr-Mar	2	622.00	0	622.00
	Sub-Total		3	933.00	0	933.00
	Monitoring & supervision charges 5% of the total cost					46.65
	Total		3	933.00	0	979.65
	10th year					
1	Fire line Tracing and inspection path	Feb/Mar	1	311.00	0	311.00
2	Watch & ward and cultural operation	Apr-Mar	2	622.00	0	622.00
	Sub-Total		3	933.00	0	933.00
	Monitoring & supervision charges 5% of the total cost					46.65
	Total		3	933.00	0	979.65

ABSTRACT

Year	Person days	Labour	Material	Monitoring & Supervision charge 5% of the total cost	Total
0th Year	20	622.00	900.00	356.00	7476.00
1st Year	84	26124	2982.00	1455.30	30561.30
2nd Year	26	8086.00	2475.20	528.06	11089.26
3rd Year	12	3732.00	0	186.60	3918.60
4th Year	3	933.00	0	46.65	979.65
5th Year	3	933.00	0	46.65	979.65
6th Year	3	933.00	0	46.65	979.65
7th Year	3	933.00	0	46.65	979.65
8th Year	3	933.00	0	46.65	979.65
9th Year	3	933.00	0	46.65	979.65
10th Year	3	933.00	0	46.65	979.65
Total	163	45095.00	6357.20	2852.51	59902.71

Annexure-2

BAMBOO TWIGS CONTINUOUS FENCING COST NORM FOR BLOCK OR MULTIROW AVENUE PLANTATION (UNIT- 10 RMT)

Sl. No	Item/ Description	Labour in Mandays	Lobour Cost (Rs)	Material Cost (Rs)	Total Cost in (Rs)
1	Cost of 6 bamboo poles-equivalent to one long bamboo @Rs.150/-	0	0	150	150
2	Cost of bamboo twigs 1/2 cartload of approximately 2m height @ of Rs.700/- per cartload	0	0	350	350
3	Cost of 2 nos of split bamboo @ Rs.50/- per whole piece	0	0	100	100
4	Binding GI wire -120ft @Rs 0.50 per ft	0	0	60	60
5	Transportation cost @Rs. 10 per rmt	0	0	100	100
6	Cost of Sand & Chloropyriphos			100	100
7	Labour Cost for digging of 30 cm deep holes by crowbar at a distance of 30 cms over 10 mts length, Putting Bamboo Twigs inside the holes and time with help of split bamboo and binding GI wire, including application mixture of Sand and Chloropyriphos	1	311.00	0	311.00
	TOTAL (Planting Year)	1	311.00	860	1171.00
	Cost per Rmt= Rs.117.10/-				
	Repair and maintenance of fence per rmt in 2nd Year				Rs.40
	Repair and maintenance of fence per rmt in 3rd Year				Rs.50
	Materials required (10 Running Meter)				
1	Bamboo Poles (Bambusa vulgaris) each of 2.1 m long	6 pieces (1 long bamboo)			
2	Bamboo twigs	1/2 cartload			
3	Split Bamboo(Dendrocalamus strictus)- each 10 m long	4 pieces (or 2 whole pieces)			
4	Binding GI Wire	120 rft			
5	Sand	7 cft			
6	Chloropyriphos	0.25 kg			

OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION
Phone No- 06766-254315, email ID- dfokjr.od@gov.in

No. 5454 /6F-Mining-15/2017
Dated, Keonjhar, the 08-09- 2020

To

The Executive Director, F&E,
M/s OMC Ltd, OMC House,
Bhubaneswar- 751001

Sub: Proposal for diversion of 345.189 ha forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd in Keonjhar district, Odisha.

X-Sub: **Demand of funds towards scheme of 1.5 times safety zone & gap planting and soil & moisture conservation measures to restock and rejuvenate the degraded open forests located within 100 mtr from outer perimeter of mining lease.**

Ref: Memo No. 2285 dt. 21.08.2020 of Regional Chief Conservator of Forests, Rourkela Circle, Rourkela.

Sir,

With reference to the aforementioned memo on the captioned subject, you are requested to deposit the approved amount of Rs. 50,89,200/- (Rupees fifty lakh eighty-nine thousand two hundred) only towards scheme of 1.5 times safety zone & gap planting and soil & moisture conservation measures to restock and rejuvenate the degraded open forests located within 100 mtr from outer perimeter of mining lease as per current wage rate 303.40/- per mandays through e-portal of MoEF&CC as provided in the https://parivesh.nic.in/ and the proof/evidence of the deposit of fund be submitted to this office for further necessary action at this end.

Sl. No.	Particulars	Area (in ha)	Amount to be deposited as per current wage rate of Rs 303.40/- per mandays (Rs.)
1	1.5 times safety zone over 10.38 ha	10.38	1732600.00
2	gap planting and soil & moisture conservation measures to restock and rejuvenate the degraded open forests located within 100 mtr from outer perimeter of mining lease	16.136	3356600.00
	Total		5089200.00

(Rupees fifty lakh eighty-nine thousand two hundred) only

Yours faithfully,

Divisional Forest Officer,
Keonjhar Division.

Memo No. 5455/Dated 08-09-2020

Copy forwarded to the Regional Chief Conservator of Forests, Rourkela Circle, Rourkela/ Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar for favour of kind information and necessary action.

Divisional Forest Officer,
Keonjhar Division.

NEFT RTGS CHALLAN

11/11/2020
60935/2020/F & E

AGENCY COPY

NEFT / RTGS CHALLAN for Ad-HOC CAMPA

Date : 11-11-2020

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	5887070699
MoEF/SG File No.	8-46/2018-FC
Location.	ORRISA
Address.	OMC HouseKhordha
Amount(in Rs)	155535502/-

Amount In Words :Fifteen Crore Fifty-Five Lakh Thirty-Five Thousand Five Hundred and Two Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	CORP0000371
Pay to Account No.	150825887070699 Valid only for this challan amount
Bank Name & Address:	Corporation Bank Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

BANK COPY

NEFT / RTGS CHALLAN for Ad-HOC CAMPA

Date : 11-11-2020

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	5887070699
MoEF/SG File No.	8-46/2018-FC
Location.	ORRISA
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- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

After making successful payment, User Agencies may send a line of confirmation through Email: helpdeskcampa@corpbank.co.in

Sr. Manager (Finance)
The Odisha Mining Corporation Ltd.
Bhubaneswar

Sl. No.	Amount in Rs.	Details
1	10,24,55,700/-	Compensatory Afforestation Scheme
2	1,39,37,100/-	Additional Compensatory Afforestation
3	40,16,000/-	Differential cost of Site Specific Wildlife Conservation Plan
4	3,00,37,502/-	Regional Wildlife Management Plan
5	17,32,600/-	1.5 times Safety Zone
6	33,56,600/-	Gap plantation and soil moisture conservation activities
Total	15,55,35,502/-	

ubina293185491222
Dt. 13.11.2020

(493)

OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION
Phone No- 06766-254315, email ID- dfokjr.od@gov.in

No. 3696 /Mining-
Dated, Keonjhar, the 25/06/ 2021

To

The Executive Director, F&E,
M/s OMC Ltd, OMC House,
Bhubaneswar- 751001

Sub: Diversion of 345.189 ha forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd in Keonjhar district, Odisha.

X-Sub: **Differential demand of funds towards for afforestation over one & half time of safety zone and gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests.**

Ref: This office memo No. 5454 dated 08.09.2020 & memo No. 1478 dated 11.06.2021 of Regional Chief Conservator of Forests, Rourkela Circle, Rourkela.

Sir

With reference to the aforementioned memos on the captioned subject, you are requested to deposit the differential amount of Rs. 74,600/- (Rupees seventy-four thousand six hundred) only towards the cost of following schemes at the current wage rate of Rs. 311/- per manday in compliance with the condition No. 2(xii) & 2(xxiii) of Stage- I approval order of the MoEF&CC, GOI dated 31.01.2019 through **e-portal** of MoEF&CC as provided in the **https://parivesh.nic.in/** and the proof/evidence of the deposit of fund be submitted to this office for further necessary action at this end.

Particulars	Amount to be deposited as per revised wage rate of Rs. 311/- per man-day (Rs.)	Amount deposited earlier by the User Agency (Rs.)	Balance to be deposited (Rs.)
Scheme for afforestation over one & half time of safety zone area over 10.38 ha of degraded forest land identified in Baitarani East (A) PRF under Champua Range.	1761700.00	1732600.00	29100.00
Scheme for Gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests located in the area within 100 mtr from outer perimeter of the mining lease.	3402100.00	3356600.00	45500.00
Total	**5163800.00**	**5089200.00**	**74600.00**

(Rupees seventy-four thousand six hundred) only

Yours faithfully,
25/06/2021
Divisional Forest Officer,
Keonjhar Division.

Memo No. 3697 (2) / Dated. 25/06/21

Copy submitted to the Regional Chief Conservator of Forests, Rourkela Circle, Rourkela/ Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar for favour of kind information and necessary action.

25/06/2021
Divisional Forest Officer,
Keonjhar Division.

M(F&E)
28/6

RB 28/06/2021

AGENCY COPY

यूनियन बैंक Union Bank

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 15-07-2021

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	6887070369
MoEF/SG File No.	8-46/2018-FC
Location.	ORRISA
Address.	OMC HouseKhordha
Amount(in Rs)	8752000/-

Amount in Words Eighty-Seven Lakh Fifty-Two Thousand Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	UBIN0903710
Pay to Account No.	150825887070369 Valid only for this challan amount.
Bank Name & Address:	Union Bank Of India Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

BANK COPY

यूनियन बैंक Union Bank

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 15-07-2021

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	6887070369
MoEF/SG File No.	8-46/2018-FC
Location.	ORRISA
Address:	OMC House Khordha
Amount(in Rs)	8752000/-

Amount in Words Eighty-Seven Lakh Fifty-Two Thousand Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	UBIN0903710
Pay to Account No.	150825887070369 Valid only for this challan amount.
Bank Name & Address:	Union Bank Of India Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

After making successful payment, User Agencies may send a line of confirmation through Email: helpdeskcampa@corpbank.co.in

Note:After making the required payment through challan, If the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date to Email: cb0371@unionbankofindia.com

UBINI21197384846

16/07/2021

S. Mohapatra
Dy. General Manager (Fin)

Details	Amount in Rs.
Differential cost CA scheme	83,63,900.00
Differential cost of additional CA scheme	3,13,500.00
Differential cost of 1.5 times SZ	29,100.00
Differential cost of Gap planting and SMC activities	45,500.00
Total	87,52,000.00

ANNEXURE-XX

OFFICE OF THE REGIONAL CHIEF CONSERVATOR OF FORESTS, ROURKELA CIRCLE, AT/P.O. PANPOSH, ROURKELA-769 004.

Memo No. 1478/3F-119/2021 Date: 11-06-2021

To

The Divisional Forest Officer,
Keonjhar Division.

Sub: Proposal for diversion of 345.189 ha. of forest land including 6.919 ha. safety zone within the total mining lease area over 366.311 ha. of Khandbandh Iron Ore Mines of M/s OMC Ltd. in Keonjhar district, Odisha.

X-Sub: Submission of revised schemes at the current wage rate of Rs.311.00 per man day.

Ref: Your Memo No.3316 Dtd.01.06.2021.

The revised financial outlays of the following schemes prepared in compliance with the conditions stipulated in the Stage-I approval accorded in respect of the above diversion proposal at the current wage rate of Rs.311.00/- per man day and submitted vide your Memo under reference are hereby technically approved for the amount as indicated against each.

Sl. No.	Name of the scheme for which revised financial outlay has been submitted by the DFO, Keonjhar	Technical approval by the RCCF, Rourkela Circle.
01	The scheme for Appropriate mitigative measures to minimize soil and choking of streams within Khandbandh Iron Ore Mines prepared in compliance with Condition No. 2(vii)(a) with a total financial outlay of Rs.44,16,000/-	Technically approved for Rs. 44,16,000/- (Rupees forty-four lakh sixteen thousand) only
02	The for planting of adequate hardy plant species and sowing of seeds in the appropriate area within the mining lease area to arrest soil erosion prepared in compliance with Condition No. (vii)(b) without budgetary provision.	Technically approved vide this office Memo No.1681 dtd.12.07.2019.
03	The scheme for construction of check dams, retention / toe walls to arrest sliding down of the excavated material along the contour prepared in compliance with Condition No. (vii)(c) with a total financial outlay of Rs.62,73,900/-	Technically approved for Rs.62,73,900 (Rupees sixty-two lakh seventy-three thousand nine hundred) only
04	The Scheme to stabilize overburden dump by grading/benching so as to ensure the angles of repose at any given place is less than 28^0 prepared in compliance with Condition No. 2(vii)(d) with a total financial outlay of Rs.2,06,12,300/-	Technically approved for Rs. 2,06,12,300/- (Rupees two crore six lakh twelve thousand three hundred) only
05	The scheme for Management of Top Soil within Khandabandh Iron Ore Mines prepared in compliance with Condition No. 2(vii)(e) with a total financial outlay of Rs.3,47,47,300/-	Technically approved for Rs.3,47,47,300/- (Rupees three crore forty-seven lakh forty-seven thousand three hundred) only

06	The Scheme for fencing, protection and regeneration of the safety zone within the mining lease boundary prepared in compliance with Condition No. 2(xii) with a total financial outlay of Rs.93,35,600/-	Technically approved for Rs.93,35,600/- (Rupees ninety-three lakh thirty-five thousand six hundred) only
07	The Scheme for afforestation over one & half time of safety zone area over 10.38 ha of degraded forest land identified in Baitarani East (A) PRF forest block of Champua prepared in compliance with Condition No. 2(xii) with a total financial outlay of Rs. 17,61,700/-	Technically approved for Rs.17,61,700/- (Rupees seventeen lakh sixty-one thousand seven hundred) only
08	The Scheme for gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests located in the area within 100 meters from outer perimeter of the mining lease prepared in compliance with Condition No. 2(xxiii) with a total financial outlay of Rs.34,02,100/-	Technically approved for Rs.34,02,100/- (Rupees thirty-four lakh two thousand one hundred) only
09	The scheme for de-silting of the village tanks and other water bodies located within 05 Km from Mining Lease Boundary so as to mitigate the impact of siltation of such tanks/water bodies prepared in compliance with Condition No. (xxv) with a total financial outlay of Rs.22,88,500/-.	Technically approved for Rs.22,88,500/- (Rupees twenty-two lakh eighty-eight thousand five hundred) only.

The technically approved revised financial outlays are returned herewith for taking necessary action at your end.

Encl:- As above.

Regional Chief Conservator of Forests,
Rourkela Circle

Memo No. Date:

Copy forwarded to the Chief Conservator of Forests(Forest Diversion & Nodal Officer, FC Act),O/o the Pr.CCF, Odisha for favour of kind information and necessary action with reference to Memo No.3317 dtd.01.06.2021 of the DFO, Keonjhar Division.

Regional Chief Conservator of Forests,
Rourkela Circle

SCHEME FOR

DE-SILTING OF VILLAGE TANKS AND OTHER WATER BODIES LOCATED WITHIN 05 KM FROM THE MINE LEASE BOUNDARY SO AS TO MITIGATE THE IMPACT OF SILTATION OF SUCH TANKS WATER BODIES

AT

KHANDABANDHA IRON ORE MINES

UNDER KEONJHAR FOREST DIVISION

OF

M/S ODISHA MINING CORPORATION LTD.
(A GOVT.OF ODISHA UNDERTAKING)
OMC HOUSE, BHUBANESWAR-751001

(As per Additional condition No. (xxv) of the stage-I Forest Clearance granted by MoEF&CC, Govt.of India vide F.No.8-46/2018-FC dt 31.01.2019)

(@ Rs. 311.00/- per Man day)

SCHEME FOR DE-SILTING OF VILLAGE TANKS AND OTHER WATER BODIES LOCATED WITHIN 05 KM FROM THE MINE LEASE BOUNDARY SO AS TO MITIGATE THE IMPACT OF SILTATION OF SUCH TANKS WATER BODIES

(As per condition No. (xxv) of the stage-I forest clearance granted by MoEF&CC, Govt. of India vide F.No.8-46/2018-FC dt 31.01.2019)

1. INTRODUCTION

Stage-I approval for diversion of 345.189 ha. forest land for non-forest purpose for Khandabandha Iron Ore mine has been accorded vide F.No.8-46/2018-FC Dt. 31.01.2019 of Ministry of Environment, Forests & Climate Change subject to fulfillment of certain conditions.

As per condition No. (xxv) of the Stage-I approval, *"The User Agency shall prepare a list of existing village tanks and other water bodies with GPS co-ordinates located within five km. from the mine lease boundary. This list is to be duly verified by the concerned Divisional Forest Officer. The User Agency shall regularly undertake desilting of these village tanks and other water bodies so as to mitigate the impact of siltation of such tanks/water bodies. A detailed approved plan for desilting of identified ponds and water bodies to be prepared in consultation with forest department and shall be submitted to MoEF&CC before Stage-II approval"*

In compliance with this condition, a comprehensive scheme is prepared for implementation of the same within 5 km from boundary of the said mining lease.

Khandabandh Iron Ore Mines of M/s Odisha Mining Corporation (OMC) Limited, a State Government Undertaking, is a mining project for exploitation of iron ore. The mining lease (ML) area over 366.311 Hectares (ha) is confined within latitudes: 21^0 55' 40.27579'' – 21^0 57' 29.90060" (Between ML Boundary pillar No.1 & 16) North and Longitudes: 85^0 23'12.6688" – 85^0 24' 45.86016" (Between ML Boundary pillar No. 4 & 29) East located in the Survey of India Topo sheet bearing No. F 45 N 5 in 1:50,000 scale. The key plan showing Khandabandha ML area is enclosed as Plate No. I. It is located at a distance of 12 KM from Joda town to the South via. Bichakundi-Malda road. The other route via Joribahal on Joda-Bamebari-Palasponga road follows a distance of 13 km. The area exhibits an undulated topography with varying elevations from 530 m to 675 m above Mean Sea Level (MSL).

The mining and ancillary activities will convert this area prone to intensive soil erosion by creating reels and gullies on mined out pit benches, on the surface of O.B. dump, on the shoulder of haul roads, on the surface of the surface-soil deposit and on the bank of the natural streams. Such gullies eventually may widen and occupy large tract of the slope and cause heavy soil loss and flooding the valley bottom with heavy siltation. This results the virgin forest area prone to soil erosion. During rains, the exposed soil will not allow percolation of rainwater to charge the groundwater table. Consequently the seasonal streams will be dried up. Therefore, it is essential to treat the area with strategic soil and moisture conservation measures to mitigate the adverse impact of mining.

Earlier a scheme for de-silting of village tanks and other water bodies located within 05 km from the mine lease boundary so as to mitigate the impact of siltation of such tanks water bodies has been approved by RCCF, Rourkela @ Rs. 286.30 per man day. Labour Commissioner of Odisha letter no. 2816/LC dt. 25.05.2021 has revised the minimum wage rate to Rs. 311.00/- per man day. In this context the scheme has been revised @ Rs. 311.00/- per man day.

2. Factors responsible for Siltation

Siltation is an inherent problem with ponds, lakes and almost all types of water reservoirs world over. Siltation occurs due to deposition or settling of soil eroded from the shore line, decaying fallen leaves, grass and other vegetative materials and decomposed organic materials settled on pond bottoms. Soil erosion may be attributed as the primary factor responsible for pond siltation in this area. Higher gradient and excess rainfall are the most common reasons of soil erosion. Erosion of Soil occurs from the waste dumps, excavated areas and naturally denuded ground surface. However, looking into the current problem of siltation of the village ponds, the major factors are the surface runoff containing silt particles entering into the pond. As the age of the ponds increases, new layers of silt accumulate on the older ones and the silt layers become thicker. Finally the depth of the pond decreases and it loses its water storage capacity. At this time it needs to be desilted to recover. The best practice against siltation is to de-silting pond bottom at regular intervals as well as taking adequate preventive measures.

3. LOCATIONAL DETAILS

There are 42 other mines within 5 km from outer periphery of Khandabandha Iron Ore Mines. OMC has already provided for de-siltation of water bodies located within 5 km of Tiringpahar ML of OMC Ltd. Excluding the water bodies to be desilted for Tiringpahar

project and water bodies located within lease area of other mines, there are only 6 tanks / water bodies within 5 Km from boundary of the mining lease area which need de- silting.

WB No.	Village	Corner points	Longitude	Latitude	Length	Width
1	Ganua	A	85°21'23.40"	21°54'44.87"	54.82	58.57
		B	85°21'25.30"	21°54'44.63"		
		C	85°21'25.02"	21°54'42.74"		
		D	85°21'23.13"	21°54'42.98"		
2	Kamalpur	A	85°27'34.42"	21°56'49.33"	56.6	43.18
		B	85°27'36.25"	21°56'48.65"		
		C	85°27'35.70"	21°56'47.35"		
		D	85°27'33.86"	21°56'48.03"		
3	Bhanga	A	85°26'35.97"	21°57'56.96"	48.39	40.36
		B	85°26'37.61"	21°57'56.61"		
		C	85°26'37.30"	21°57'55.33"		
		D	85°26'35.66"	21°57'55.68"		
4	Ganua	A	85°21'48.70"	21°54'59.72"	34.2	37.43
		B	85°21'49.89"	21°54'59.58"		
		C	85°21'49.72"	21°54'58.37"		
		D	85°21'48.54"	21°54'58.52"		
5	Ganua	A	85°21'48.43"	21°55'02.52"	37.23	49.39
		B	85°21'49.72"	21°55'02.42"		
		C	85°21'49.57"	21°55'00.82"		
		D	85°21'48.28"	21°55'00.92"		
6	Ganua	A	85°21'45.99"	21°55'03.62"	39.55	76.57
		B	85°21'47.32"	21°55'03.96"		
		C	85°21'48.02"	21°55'01.56"		
		D	85°21'46.69"	21°55'01.22"		

4. TOPOGRAPHY:

The ponds are mostly on plain terrain. They are situated close to habitation.

5. SOIL TYPE.

The soil is hard and lateritic. The pond silt is basically of clay, silt and sand. The silts are soft and easily can be removed. The depth of siltation as observed varies from 30cm to 200cm. On an average 115cm or say 1 meter silt is proposed to be removed.

6. METHODOLOGY FOR DE-SILTATION

Keeping in view the site condition it is proposed to take up de-siltation on a cycle of five year basis (i.e. each pond will be de-silted twice within the plan period over 10 year) particularly during summer months when the pond / water bodies are dried up with

exposed silts. Removal of silts is to be done either manually or mechanically basing on ground condition and quantity of silts accumulation. Silt accumulation occurs in the basal area of the tank which is roughly estimated to be 30% less of the aerial area. The estimated quantum of silt that is required to be removed is given in the table.

During excavation the excavated silt are to be put on the embankment of the pond with top height at least of 1 meter and base width 2.5meter basing on availability of land on periphery. The soil on embankment to be compacted and two inlet and two outlet pipe are to be fixed in the embankment (6" diameter PVC pipe or Cement Pipe).

7. A. Cost estimate:

As per schedule of rate for earth work "Earth work in excavation by mechanical means (hydraulic excavation means over areas exceeding 30cm depth 1.5m in width as well as 10sqm. On plan including disposal of excavated earth lead up to 50 m and life up to 1.5m disposal earth to be levelled and neatly dressed etc complete @Rs. 111.05/ cum. Basing on volume of earth work as indicated above Table No, cost estimate to be calculated. In addition cost of Inlet / outlet pipes, at each pond an additional cost of 5000/- per tank to be added. Year wise cost factor is calculated as follows.

Sl	Village	Length in mtr	Width in mtr	Area in sq m	Volume in cu.m taking the height as 1 mtr and area as 70% of total area	Expenditure		
						Earth work @ Rs 111.05 per cum in Rs	Inlet & outlet pipes in Rs	Total expenditure
1	Ganua	54.82	58.57	3210.81	2247.57	2,49,593	10000	2,59,593
2	Kamalpur	56.6	43.18	2443.99	1710.79	1,89,983	10000	1,99,983
3	Bhanga	48.39	40.36	1953.02	1367.11	1,51,818	10000	1,61,818
4	Ganua	34.2	37.43	1280.11	896.08	99,510	10000	1,09,510
5	Ganua	37.23	49.39	1838.79	1287.15	1,42,938	10000	1,52,938
6	Ganua	39.55	76.57	3028.34	2119.84	2,35,408	10000	2,45,408
	Total			13755.06	9628.54	10,59,621	60000	11,29,249

For desilting twice, the estimated cost will be Rs. 11,29,249 X 2 = Rs 22,58,498.00

Construction of one signage each in pond @ Rs 5000/- for six pond=Rs 30,000.00

Total cost=22,88,498.00

or say 22,88,500.00

8. Planning Execution.

As indicated above de-siltation will be carried out in a five year cycle. All the ponds will be de- silted twice in the plan period once in 2021-22 and then in 2025-26.

9. Executing Agency

The user agency shall take up the project of De-siltation of Village tank out of project head.

10. INSPECTION AND MONITORING.

The manner of execution & periodical monitoring will be made by M/s OMC Ltd authority. The Execution and achievements may be reviewed by the Divisional Forest Officer, Keonjhar Forest Division from time to time as possible. In case of some dispute if the earmarked tank could not be de- silted in assigned year it may be executed in the next year along with the next years programme.

Divisional Forest Officer
Keonjhar Forest Division

CERTIFICATE

Certified that the village tanks and water bodies included in the scheme for de-silting is duly verified by the undersigned

Place: Keonjhar
Date

Divisional Forest Officer
Keonjhar Forest Division

Technically Approved

Regional Chief Conservator of Forests
Rourkela Circle

ANNEXURE - IV

MAP SHOWING WATERBODIES WITHIN 5 KM RADIUS FROM KHANDABANDH IRON ORE MINES OF OMC LTD.

निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. F45N5

Scale 1:50,000

F45H4 (73F4)	Paschimi Singhbhum JHARKHAND F45H8 (73F8)	F45H12 (73F12)
F45N1 (73G1) Sundergarh ORISSA	F45N5 (73G5)	F45N9 (73G9) Kendujhar ORISSA
F45N2 (73G2) Deogarh ORISSA	F45N6 (73G6) Angul ORISSA	F45N10 (73G10)

1 Mayurbhanj, ORISSA.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009. Price : Rs. 50/-

CONVENTIONAL SYMBOLS

- Degree highway; with toll; with bridge; with distance stone
- Roads, metalled; according to importance
- Roads, double carriageway; according to importance
- Unmetalled road, Cart-track, Path-track and pass, Foot-path
- Streams; with track in bed; undefined, Canal
- Dams: masonry or rock-filled; earthwork, Weir
- River dry with water channel; with island & rocks, Tidal river
- Submerged rocks, Shoal, Swamp, Reeds
- Wells; lined; unlined, Tube-well, Spring, Tanks; perennial; dry
- Embankment; road or rail track, Broken ground
- Railways, broad gauge; double; single with station; under construction
- Railways, other gauges; double; single with distance stones etc
- Mineral line or tramway, Kilns, Cutting with tunnel
- Caravans with sub-tropics, Feeder canals, Cliffs
- Sand features; Ripple, Crescentic hills (seif mounds), Blowouts, Slacks
- Towns or Villages; inhabited; deserted, Fort
- Huts; permanent, temporary, Tower, Antiquities
- Temple, Chhatri, Church, Mosque, Idgah, Tomb, Graves
- Lighthouse, Lightship, Buoys; lighted; unlighted, Anchorage
- Mine, Vine on trellis, Grass, Scrub
- Palms; palmyra; other, Plantain, Conifer, Bamboo, Other trees
- Areas; cultivated; wooded, Surveyed tree
- Boundary, International
  - state; demarcated; undemarcated
  - district; subdivision, tahsil or thana; forest
- Boundary pillars; surveyed, unlocated
- Heights, triangulated; station point; approximate, 200, .200, .200
- Bench-mark; geodetic; tertiary; canal, BM 63-3, BM 63-3, .63
- Post office, Telegraph office, Overhead tank
- Rest house or inspection bungalow, Circuit house, Police station
- Camping ground, Forest; reserved; protected, CG, RF, PF
- Spaced names; administrative; locality or tribal, KIKRI, NĀGA
- Hospital, Dispensary, Veterinary; Hospital / Dispensary
- Aerodrome, Helipad, Tourist site
- Power line with pylons surveyed; with poles unsurveyed

UNCHABALI IRON ORE MINES

5 KM RADIUS

WATERBODIES

OTHER MINES

MINING LEASES COMING WITHIN 5 KM RADIUS

SL. NO.	MINE OWNER	AREA IN HA.
1	KMC-54 JURURI IRON & MN MINE	54.626
2	KMC-73 JURURI IRON MINE	72.634
3	OMC-BANSPANI IRON	401.751
4	SERAJUDIN-BALDA IRON MINE	344.156
5	TARINI MINERAL-JURURI IRON&MN	65.710
6	TISCO-JODAEAST IRON MINE	657.461
7	TISCO-JODAWEST MN MINE	1433.710
8	TISCO-KHANDBANDH IRON MINE	939.344
9	BHANJA MINERAL-INGAMUHARAN IRON & MN	257.459
10	MALARAI -JALHARI IRON & MN MINES	177.656
11	TISCO-BAMEBARI-2 MN MINE	138.525
12	R.B. DAS-DALPAHAR IRON-MN MINES	4.837
13	TISCO BAMEBARI (BLOCK-3)ORIBAHAL MN	87.792
14	PATNAIK -JARIBAHAL IRON-MN	14.188
15	TISCO TIRING PAHAR MN MINES	168.591
16	SHRI METALIKS Ltd. KHANDBAND IRON MINE	35.757
17	H G PANDYA JAJANG IRON MN MINE	100.126
18	MINERALTRADING SYNDICATE BHULBEDA IRON	95.778
19	R B DAS KUNDRUPANI IRON & MN	10.273
20	SC PADHI BANSPANI IRON & MN MINE	37.966
21	SC PADHI GURUBEDA IRON MINE	49.084
22	R P SAO CHORMALDA MN MINE	139.177
23	PATNAIK-JARIBAHAL IRON MINES	107.655
24	TB-LAL-JAJANG-IRON ORE MINE	39.060
25	OMC_BPJ	866.813
26	OMC_SGBK_KOIDA	1012.860
27	OMC_TIRINGPAHAR	81.479
28	ESSEL JAJANG JURURI IRON & MN MINE	456.042
29	RUNGTA JAJANG IRON ORE MINE	669.061
30	RUNGTA SILJODA MN MINE	715.551
31	OCL KUNDAPOSI IRON MINE	45.233
32	NARAYANI SONS SURUGUTURIA IRO ML-99	95.969
33	NARAYANI SONS SURUGUTURIA IRON RML-41	41.709
34	SERAJUDIN_GURUDA	39.373
35	OMDC_BHADRASAHI	997.097
36	DEEPAK STEEL KHANDBANDH IRON ORE MINE	38.657
37	DC-JAIN-DALITA-IRON-ORE-MINE-BLOCK-A	90.985
38	DC-JAIN-DALITA-IRON-ORE-MINE-BLOCK-B1	0.559
39	DC-JAIN-DALITA-IRON-ORE-MINE-BLOCK-B2	7.693
40	DC-JAIN-DALITA-IRON-ORE-MINE-BLOCK-B3	1.050
41	DC-JAIN-DALITA-IRON-ORE-MINE-BLOCK-C	2.168
42	KMC-12 JALAHARI IRON ORE MINE	12.654
43	KMC-27 JALAHARI IRON ORE MINE	28.456

WATERBODY LOCATION DETAILS

WB NO.	VILLAGE	CORNER POINTS	LONGITUDE	LATITUDE	LENGTH	WIDTH
1	GANUA	A	85°21'23.40"	21°54'44.87"	54.82	58.57
		B	85°21'25.30"	21°54'44.63"		
		C	85°21'25.02"	21°54'42.74"		
		D	85°21'23.13"	21°54'42.98"		
2	KAMALPUR	A	85°27'34.42"	21°56'49.33"	56.6	43.18
		B	85°27'36.25"	21°56'48.65"		
		C	85°27'35.70"	21°56'47.35"		
		D	85°27'33.86"	21°56'48.03"		
3	BHANGA	A	85°26'35.97"	21°57'56.96"	48.39	40.36
		B	85°26'37.61"	21°57'56.61"		
		C	85°26'37.30"	21°57'55.33"		
		D	85°26'35.66"	21°57'55.68"		
4	GANUA	A	85°21'48.70"	21°54'59.72"	34.2	37.43
		B	85°21'49.89"	21°54'59.58"		
		C	85°21'49.72"	21°54'58.37"		
		D	85°21'48.54"	21°54'58.52"		
5	GANUA	A	85°21'48.43"	21°55'02.52"	37.23	49.39
		B	85°21'49.72"	21°55'02.42"		
		C	85°21'49.57"	21°55'00.82"		
		D	85°21'48.28"	21°55'00.92"		
6	GANUA	A	85°21'45.99"	21°55'03.62"	39.55	76.57
		B	85°21'47.32"	21°55'03.96"		
		C	85°21'48.02"	21°55'01.56"		
		D	85°21'46.69"	21°55'01.22"		

REG. No. 8253-SFG D '09 (Orissa GDC-1=50,000)-1015.

भारत के महासर्वेक्षक के नियंत्रण में प्रकाशित,
Published under the direction of Surveyor General of India,
Survey of India, Hathibarkala Estate, Post Box No. 37, Dehra Dün-248001 (Uttarakhand), India
Department of Science & Technology, Government of India.

PRINTED AT THE SOUTHERN PRINTING GROUP OF SURVEY OF INDIA.

Surveyor

Khandbandh Iron Ore Mines
M/s. O. M. C. LTD.

Chamous Ranga

Khandbandh Iron Ore Mines
M/s. O. M. C. LTD.

Jodi

Jet Section Officer

COUNTERSIGNED

Divisional Forest Officer
Keonjhar Division

ANNEXURE-XXII

5087/2019/F & E

OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION
Phone No- 06766-254315, email ID- dfokjr.od@gov.in

No. 2067 /68-Mining-15/2017
Dated, Keonjhar the 13-03-/2019

To
The Executive Director (F&E),
M/s OMC Ltd, OMC House,
Bhubaneswar- 751001

Sub: Proposal for diversion of 345.189 ha forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of M/s OMC Ltd in Keonjhar District, Odisha.

X-Sub: Demand of funds towards contribution for implementation of Regional Wildlife Management Plan.

Ref: F. No. 8-46/2018-FC dated 31.01.2019 of MoEF&CC, Govt. of India and letter No. 2821/F&E dated 08.02.2019 of Special Secretary to Govt. F&E Department, Odisha, Bhubaneswar.

Sir,

With reference to the aforementioned letter on the captioned subject, you are requested to deposit the amount of ₹ 3,00,37,502/- (Rupees three crore thirty-seven thousand five hundred two) only towards the Regional Wildlife Management plan as per instruction issued vide letter No. 126159/F&E dated 05.12.2018 of Special Secretary to Govt. Forest & Environment Department, Odisha, Bhubaneswar. The said amount has to be deposited through e-portal of MoEF&CC as provided in the https://parivesh.nic.in/ and the proof/evidence of the deposit of fund be submitted to this office for further necessary action at this end.

Regional Wild Life Management plan of
Keonjhar-Bonai over- 366.311 ha.@₹82,000/ha. = ₹ 3,00,37,502/-

(Rupees three crore thirty-seven thousand five hundred two) Only

Yours faithfully,
13/3/19
Divisional Forest Officer,
Keonjhar Division.

Memo No. 2068 / Dated. 13-3-19
Copy submitted to the Regional Chief Conservator of Forests, Rourkela Circle, Rourkela/ Addl. Principal Chief Conservator of Forests, FD & NO, FC Act, O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar for favour of kind information.

13/3/19
Divisional Forest Officer,
Keonjhar Division.

14/3/19

15-03-2019

Annexure

11/11/2020

60935/2020/F & E

NEFT RTGS CHALLAN

AGENCY COPY

NEFT / RTGS CHALLAN for AD-HOC CAMPA

Date : 11-11-2020

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	5887070699
MoEF/SG File No.	8-46/2018-FC
Location.	ORRISA
Address.	OMC HouseKhordha
Amount(in Rs)	155535502/-

Amount in Words :Fifteen Crore Fifty-Five Lakh Thirty-Five Thousand Five Hundred and Two Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	CORP0000371
Pay to Account No.	150825887070699 Valid only for this challan amount
Bank Name & Address:	Corporation Bank Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

BANK COPY

NEFT / RTGS CHALLAN for AD-HOC CAMPA

Date : 11-11-2020

Agency Name.	ODISHA MINING CORPORATION LTD
Application No.	5887070699
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- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

After making successful payment, User Agencies may send a line of confirmation through Email: helpdeskcampa@corpbank.co.in

Sr. Manager (Finance)
The Odisha Mining Corporation Ltd.
Bhubaneswar

Sl. No.	Amount in Rs.	Details
1	10,24,55,700/-	Compensatory Afforestation Scheme
2	1,39,37,100/-	Additional Compensatory Afforestation
3	40,16,000/-	Differential cost of Site Specific Wildlife Conservation Plan
4	3,00,37,502/-	Regional Wildlife Management Plan
5	17,32,600/-	1.5 times Safety Zone
6	33,56,600/-	Gap plantation and soil moisture conservation activities
Total	15,55,35,502/-	

Ubina20318549222

13.11.2020

forestclearance.nic.in/UserAccount/Neft_ChallanCorp.aspx?pid=MIN87072014899

Annexure- XXIII

Photographs of ML boundary, safety zone and diverted forest area pillar of Khandbandh Iron Ore Mines of OMC Ltd.














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OMC | ODISHA NEW OPPORTUNITIES

No. 2803 /OMC/F&E/2019
16th February, 2019

To

The Divisional Forest Officer,
Keonjhar Forest Division,
Keonjhar

Sub: Proposal for diversion of 345.189 ha of forest land including 6.919 ha in safety zone within the total mining lease area over 366.311 ha of Khandbandh Iron Ore Mines of OMC in Keonjhar District, Odisha.

Ref: (i) Letter No. 8-46/2018 FC, dt 31.01.2019 by MoEF & CC.
(ii) Letter No. 10F (Con) 108/2018/2821/F&E dt 08.02.2019 by F&E Dept, Govt. of Odisha.

Sir,

MoEF & CC vide letter under reference (i) has accorded Stage-I approval subject to compliance of 28 conditions stipulated therein. F&E Dept., Govt. of Odisha vide letter under reference (ii) has also advised for necessary compliance with additional 8 conditions. The condition no. (F) of the additional condition by State Govt. is read as follows:

"The user agency shall undertake demarcation of the lease area on the ground posting four feet high cement concrete pillars embedded two feet inside the soil with serial number, forward and backward bearings, and distance from pillar to pillar. The user agency shall also submit the map of lease area showing different kinds of forest land using DGPS survey data and latitude and longitude of each pillar to the Divisional Forest Officer, Keonjhar for his reference before commencement of work on final forest clearance".

In this context a copy of the DGPS surveyed map of the lease area indicating different type of forest land and latitude and longitude of each pillar is submitted herewith for kind reference.

Yours faithfully,

Executive Director (F&E)

Encl: As above

Memo No. 2804 /OMC/F&E/2018 dt.16.02.2019

Copy forwarded to the Regional Manager, Barbil/Manager (Mining), Khandbandh Iron Ore Mines for information.

Executive Director (F&E)