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

No. 20151 /9F (MG) - 26/2007
Dated, Bhubaneswar the 18th November, 2020

From

Sri Jitendra Kumar, IFS
PCCF (FD & NO, FC Act),
O/o the PCCF & HoFF, Odisha,
Aranya Bhawan, Chandrasekharapur, Bhubaneswar.

To

The Assistant Inspector General of Forests (FC),
Government of India, MoEF & CC (FC Division),
Indira Paryavaran Bhawan,
Aliganj, Jorbagh Road, New Delhi-110003.

Sub: Diversion of 360.01 ha of forest land (160.838 ha Sabik Kisam Forest land plus 199.1720 ha of forest land(RF&KF) located within total mining leasehold area over 403.3238 ha of Katamati Iron Ore mines of M/s Tata Steel Ltd. under section 2(ii) of FC Act, 1980 in Keonjhar District Odisha – Submission of Stage-I Compliance regarding.

Ref:- GoI, MoEF & CC, New Delhi Letter F.No. 8-01/2018-FC dated 13.03.2019.

Sir,

In inviting reference to the above mentioned subject, this is to inform that Government of India, Ministry of Environment, Forest & Climate Change, New Delhi have accorded Revised In-principle approval/Stage-I approval vide their Letter F. No. 8-01/2018-FC dated 13.03.2019 in supersession of Ministry's Stage-I Clearance dated 20.08.2018 for diversion of 360.01 ha of forest land (160.838 ha Sabik Kisam Forest land plus 199.1720 ha of forest land(RF&KF) located within total mining leasehold area over 403.3238 ha of Katamati Iron Ore mines of M/s Tata Steel Ltd. under section 2(ii) of FC Act, 1980 in Keonjhar District Odisha subject to fulfilment of 35(thirty five) nos. of conditions stipulated therein. Further, Government in F&E Department have imposed 10 (ten) nos. of additional conditions. The User Agency has complied all the conditions imposed by Govt. of India, MoEF & CC, New Delhi as well as State Government. The point wise compliance based on the report of the DFO, Keonjhar Division and RCCF, Rourkela Circle are as follows:-

Condition No.2 (i): Legal status of the diverted forest land shall remain unchanged.

In compliance to the above, the user agency has furnished an undertaking that the legal status of forest land proposed for diversion shall remain unchanged which is enclosed at **Sl.No. 1 of Annexure-1.**

515

Condition No.(ii): *Compensatory Afforestation shall be raised over equal identified non-forest land (NFL) land excluding the area of safety zone 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 hectare shall be planted over admissible CA land. If this is not possible to plant these many seedlings in the identified NFL, the balance seedlings will be planted in the degraded forest land as per the prescription 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 to the above, the RCCF, Rourkela Circle has reported that as per revised in-principle approval order of GoI, MoEF & CC vide letter F.No.8-01/2018-FC dated 13.03.2019 for diversion of 360.01 ha of forest land [160.838 ha Sabik Kisam forest land plus 199.1720 ha forest land (RF & KF)] compensatory afforestation over 360.6311 ha (160.838 ha + 65.793 ha + 34.0 ha) of equivalent non-forest land has been identified in following three patches.

- (a) 160.8381 ha of non-forest land has been identified in village Kerajodi of Kankadahad Tahasil of Dhenkanal District coming under jurisdiction Dhenkanal Forest Division.
- (b) 165.7928 ha (199.1720 ha – 2.200 ha Safety Zone – 31.1791 ha broken up forest land prior land 25.10.1980) or 165.793 ha non-forest land has been identified in village Kaliapal of Jhumpura Tahasil of Keonjhar District coming under jurisdiction of Keonjhar Forest Division.
- (c) 34.00 ha of non-forest land identified in village Dandargouni of Telkoi Tahasil of Keonjhar District coming under jurisdiction of Keonjhar Forest Division.

The DFO Keonjhar Division has prepared a Site Specific Compensatory Afforestation scheme over an area of 165.793 ha of non-forest land identified in village Kaliapal under Jhumpura Tahasil of Champua Range in Keonjhar Forest Division to take up ANR Plantation @ 400 plants per ha over 7.793 ha to raise 3117 seedlings (7.793 ha X 400 plants/ha) with 10 years maintenance and ANR without gap plantation over 158.0 ha with 10 years maintenance alongwith provision of barbed wire fencing around the plantation with provision of Soil Conservation measures like LBCD & staggered trenches which is enclosed as **Annexure-2(1)**.

Similarly, the DFO Dhenkanal Division has prepared a Site Specific Compensatory Afforestation Scheme over an area of 160.8381 ha of non-forest land identified in village Kerajodi under Kankadahad Tahasil of Kamakhyanagar East Range of Dhenkanal Forest Division to take up Bald Hill Plantation @ 1600 plants per ha over 103.0 ha of non-forest land to raise 1,64,800 seedlings (103.0 ha X 1600 plants/ ha) without provision of fencing with 10 years maintenance and ANR without gap plantation over 57.8381 ha with 10 years maintenance alongwith provision of barbed wire fencing around the plantation with provision of additional SMC measures like LBCD which is enclosed as **Annexure-2 (2)**.

T. S. Jena

1514

Further, the DFO Keonjhar Division has prepared a site specific CA scheme over an area of 34.0 ha of non-forest land identified in village Dandargouni under Telkoi Tahasil of Telkoi Range in Keonjhar Forest Division to take up Bald Hill Plantation @ 1600 plants per ha over 8.50 ha to raise 13,600 seedlings (8.50 ha X 1600 plants/ ha) without provision of fencing with 10 years maintenance and ANR Plantation @ 800 plants per ha, over 25.5 ha to raise 20,400 seedlings (25.5 ha X 800 plants/ ha) with 10 years maintenance alongwith provision of barbed wire fencing around the plantation with provision of soil conservation measures like LBCD & staggered trenches which is enclosed as **Annexure-2 (3)**.

As per Para 2.8 (i) of Handbook of guidelines of Forest (Conservation) Act 1980 issued vide letter F.No.5-2/2017-FC dated 28.03.2019 of GoI, MoEF & CC, New Delhi, 3,60,311 nos. (360.6311 ha X 1000) of seedlings are required to be planted over 360.6311 ha of non-forest land identified for compensatory afforestation. However, in the above three CA schemes over 160.8381 ha, 165.793 ha and 34.0 ha of non-forest land, 2,01,917 nos. (1,64,800+3117+13,600+20,400) seedlings have proposed to be planted. Hence, to accommodate balance 1,58,394 nos. (3,60,311 – 2,01,917) of seedlings an area of 206.054 ha of degraded forest land has been identified in two patches having area of 48.280 ha and 60.207 ha in Barabanka RF and 97.567 ha in Balipokhari RF under Ghatagaon Range of Keonjhar Forest Division.

The DFO Keonjhar Forest Division has prepared a **Addl. CA scheme** over an area of 206.054 ha of degraded forest land identified in two patches having area of 48.280 ha and 60.207 ha in Barabanka RF and 97.567 ha in Balipokhari RF under Ghatagaon Range of Keonjhar Forest Division to take up ANR Plantation @ 800 Plants per ha over 206.054 ha degraded forest land to raise 1,64,843 seedlings (206.054 ha X 800 plants/ ha) with 10 years maintenance alongwith provision of barbed wire fencing around the plantation with provision of Soil Conservation measures like LBCD and staggered trenches which is enclosed as **Annexure-2 (4)**.

Thus, against the requirement of planting 3,60,311 seedlings (360.6311 ha X 1000), the DFO Dhenkanal and Keonjhar Division have proposed to raise 3,66,760 (1,64,800 + 3117 + 13,600 + 20,400 + 1,64,843) seedlings in the identified CA land relating to the project.

All the above four schemes were prepared at the wage rate of **Rs.298/- per man day** and approved with maintenance period of 10 years. The user agency has deposited the approved amount of the schemes in Ad-hoc CAMPA account. The details of deposit of the approved amounts are furnished hereunder.



Sl. No.	Area of CA schemes	Name of the village	Amount of financial technically outlay approved by PCCF, FD&NO, FC Act	Amount deposited by user agency	UTR No. and date of deposit	Remarks
1	160.8381	Kerajodi	7,90,99,800/- (excluding infrastructure cost of Rs 15,00,000/-)	7,90,99,800/-	N006201028479729 dated 06.01.2020 in Adhoc-CAMPA in ORRISA CAMPA Account No.150825892110681 in Corporation Bank, Lodhi Complex Branch, Lodhi Road, New Delhi	Deposit receipts enclosed vide Annexure-2 & 2A
2	165.793	Kaliapal	1,83,24,500/-	1,83,24,500/ (Part of total deposit of Rs 7,73,63,959/-)	N192201184371581 dated 10.07.2020 in Adhoc-CAMPA in ORRISA CAMPA Account No.150825820081626 in Corporation Bank, Lodhi Complex Branch, Lodhi Road, New Delhi	
3	34.00	Dandargouni	1,12,03,000/-	1,12,03,000/- (Part of total deposit of Rs 7,73,63,959/-)	N192201184371581 dated 10.07.2020 in Adhoc-CAMPA in ORRISA CAMPA Account No.150825820081626 in Corporation Bank, Lodhi Complex Branch, Lodhi Road, New Delhi	
4	206.054 Addl.CA	Barabanka RF & Balipokhari RF	4,21,31,800/-	4,21,31,800/- (Part of total deposit of Rs 7,73,63,959/-)	N192201184371581 dated 10.07.2020 in Adhoc-CAMPA in ORRISA CAMPA Account No.150825820081626 in Corporation Bank, Lodhi Complex Branch, Lodhi Road, New Delhi	

T. S. Rao

1512

Subsequently the above schemes have been revised at the current wage rate of **Rs. 303.40 per MD** and the same have been technically approved by the PCCF, FD&NO, FC Act. The user agency has deposited the approved **differential** amount of CA schemes at current wage rate of Rs. 303.40/- per man-days in Ad-hoc CAMPA Account as detailed below:

Sl. No.	Area of CA schemes	Name of the village	Amount of financial outlay approved by PCCF, FD&NO, FC Act wage rate 303.40/-	Amount deposited by user agency	Differential amount deposited by the user agency	UTR No. and date of deposit	Remarks
1	160.8381	Kerajodi	8,02,05,600/-	7,90,99,800/-	11,05,800/-	HDFCR52020092499016937 dated 24.09.2020 in Adhoc-CAMPA Account No.150825820081876 in Corporation Bank, Lodhi Complex Branch, Lodhi Road, New Delhi	Deposit receipt enclosed vide Annexure-2B
2	165.793	Kaliapal	1,85,57,800/-	1,83,24,500/-	2,33,300/-		
3	34.00	Dandarguoni	1,13,52,200/-	1,12,03,000/-	1,49,200/-		
4	206.054 Addl.CA	Barabanka RF & Balipokhari RF	4,26,63,200/-	4,21,31,800/-	5,31,400/-		
Total					20,19,700/-		

The user agency has deposited a sum of Rs.20,45,191/- which includes an amount of **Rs.20,19,700/-** in Adhoc-CAMPA in ORISSA CAMPA Account No.150825820081876 in Corporation Bank, Lodhi Complex Branch, Lodhi Road, New Delhi vide **UTR No. HDFCR52020092499016937 dated 24.09.2020** which is enclosed as **Annexure-2B**.

The copies of the CA schemes are enclosed as **Annexure-2(1), 2(2), 2(3) & 2(4)**.

Condition No.(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 to the above, the RCCF, Rourkela Circle has reported that additional 25% of the CA cost towards Soil & Moisture Conservation activities in the proposed CA area as per site requirement has been included in the following four (04) approved CA Schemes. The details of calculation of Soil & Moisture Conservation activities in the proposed CA areas are mentioned below:

Sl. No.	Area of CA scheme	Amount approved for Soil & Conservation Measures	Total amount approved for CA (Plantation cost)	% of Soil & Conservation Measures
1	160.8381	96,80,907/-	3,97,17,831/-	24.37%
2	165.793	44,44,896/-	56,38,056/-	78.83%
3	34.00	10,48,695/-	52,83,815/-	19.85%
4	206.054	55,13,019/-	1,74,75,347/-	31.54%
		2,06,87,517/-	6,81,15,049/-	30.37% (Total avg %)

LS11

Condition No.(iv): *State Government shall submit cost benefit analysis as per MoEF & CC guideline prior to Stage- II approval.*

In compliance to the above, the DFO Keonjhar Division has prepared and submitted the cost benefit analysis as per MoEF & CC guideline. The total benefit of this project is rs.3669.09 Crores and the loss in forest including environmental loss, NPV cost etc comes to Rs.79.50 Crores. Hence, the cost benefit ratio is 1:46.15. The cost-benefit analysis is enclosed as **Annexure-2C**.

Condition No. (v): *Complete compliance of FRA Certificate for entire forest land within mining lease as per MOEF&CC guideline shall be submitted. Thus The State Govt. 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 to the above, the RCCF, Rourkela Circle has reported that the Collector Keonjhar has issued the required certificate in the prescribed format (Form No.II) under Forest Right Act 2006 vide letter No. 1891 dated 16.11.2017 for the entire forest land proposed for diversion over 360.010 ha falling within the mining lease of Katamati Iron Mine of Tata Steel Ltd. A copy of the FRA Certificate is annexed as **Annexure-3**.

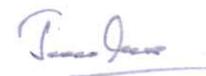
Condition No. (vi): *Felling of large number of trees shall not be done at a single point of time. As far as possible the trees should be felled in phased manner only when it is unavoidable.*

In compliance to the above, the user agency has furnished an undertaking that the tree felling shall not be done in large number at a single point of time and as far as possible it will be done in phased manner only when it is unavoidable which is enclosed at **Sl.No.2 of Annexure-1**.

Condition No. (vii): *User agency shall not clear the natural vegetation of about 50mts width in the periphery in the southern boundary of mining lease area. The area shall be demarcated with the help of forest department prior to stage - II approval. It shall be maintained and supplemented as green cover. The cost of maintaining it as green area shall be borne by user agency.*

In compliance to the above, the user agency has furnished an undertaking that the natural vegetation of about 50 meters of width in the periphery in the southern boundary of mining lease area will not be cleared which is enclosed at **Sl. No.3 of Annexure-1**.

Further, the area has been demarcated with barbed wire fencing and has been maintained and supplemented as green cover & a scheme has been prepared and technically approved by RCCF, Rourkela Circle with a financial outlay of Rs.16,59,000/- (Rupees Sixteen Lakhs Fifty Thousand Five Hundred and Eighty Three) only at wage rate of Rs. 303.40 per man-day. A copy of the said scheme alongwith the financial outlay is enclosed as **Annexure-4**.



1510

Condition No. (viii): *User agency shall maintain Safety zone as per MoEF& CC guideline. The complete detail of safety zone around the mining lease shall be submitted prior to Stage-II approval.*

In compliance to the above, the RCCF, Rourkela Circle has reported that a total of 5.3349 ha of area has been maintained as Safety Zone as per MoEF& CC guidelines by taking 7.5 meter all along the boundary of mining lease which includes an area of 0.9147 ha of RF (out of the RF patch over 57.552 ha), 1.2854 ha of KF (out of Khesra Forest patch over 141.620 ha), 2.7082 ha of sabik Kisam forest (out of Sabik Forest patch over 160.838 ha) and 0.4266 of Non-forest land (out of Non-Forest patch over 43.3138 ha). A plan showing Safety Zone area submitted by the DFO, Keonjhar Division is enclosed as **Annexure-5**.

Further, the scheme for fencing, protection and regeneration of the Safety Zone Area over 5.3349 ha was prepared by the DFO, Keonjhar Division and technically approved by RCCF, Rourkela with a financial outlay of Rs. 1,14,34,500/- at the wage rate of Rs.303.40 per manday which would be implemented by the User Agency at the project cost. A copy of the said scheme alongwith the financial outlay is enclosed as **Annexure-5A**.

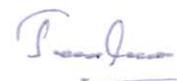
Condition No. (ix): *Following activities shall be undertaken by User agency at the project cost:*

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 to the above, a scheme for implementing mitigative measures to minimize soil erosion and choking of streams has been technically approved by RCCF, Rourkela with a financial outlay of Rs. 32,11,500/- (Thirty two lakhs eleven thousand five hundred) only at wage rate of Rs. 303.40 per man-day which would be implemented by the user agency at the project cost in consultation with forest department. A copy of the said scheme alongwith the financial outlay is enclosed as **Annexure-6**.

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 to the above, a scheme for planting adequate drought hardy plant species and sowing of seeds, in the appropriate area within the mining lease to arrest soil erosion has been technically approved by RCCF, Rourkela with a financial outlay of Rs. 6,91,09,500/- (Rupees Six crores ninety one lakhs nine thousand and five hundred) only at wage rate of Rs. 303.40 per manday which would be implemented by the user agency at the project cost in consultation with forest department. A copy of the said scheme alongwith the financial outlay is enclosed as **Annexure-7**.



2509

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 to the above, a scheme for construction of check dams, retention / toe walls to arrest sliding down of the excavated material along the contour has been technically approved by RCCF, Rourkela with a financial outlay of Rs. 38,74,200/- (Rupees Thirty Eight Lakhs Seventy Four Thousand Two Hundred) only at wage rate of Rs. 303.40 per manday which would be implemented by the user agency at the project cost in consultation with forest department. A copy of the said scheme alongwith the financial outlay is enclosed as **Annexure-8**.

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°.

In compliance to the above, a scheme to stabilize the overburden dumps by appropriate grading /benching so as to ensure that angles of repose at any given place is less than 28° has been technically approved by RCCF, Rourkela with a financial outlay of Rs. 8,41,38,000/- (Rupees Eight Crores Forty One Lakh Thirty Eight Thousand) only which would be implemented by the user agency at the project cost in consultation with forest department. A copy of the said scheme alongwith the financial outlay is enclosed as **Annexure-9**.

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

In compliance to the above, a scheme for Top Soil Management Plan has been technically approved by RCCF, Rourkela with a financial outlay of Rs. 2,16,51,336.00 (Rupees Two Crores Sixteen Lakhs Fifty One Thousand Three Hundred and Thirty Six) only at the wage rate of Rs.303.40 per manday which would be implemented by the user agency at the project cost in consultation with forest department. A copy of the said scheme alongwith the financial outlay is enclosed as **Annexure-10**.

Condition No. (x): 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 to the above, the RCCF, Rourkela Circle has reported that the non-forest land identified for the purpose of CA over 160.838 ha of non-forest land has been clearly depicted on a survey of India **Topo Sheet No. F45N12** of 1:50,000 scale which is enclosed as **Annexure-11**, map of 206.054 ha of DFL is enclosed as **Annexure-11(A), 11(B) & 11(C)**, map of CA land of 165.793 ha of non-forest land is enclosed as **ANNEXURE-11(D)**, Map of CA land of 34.00 ha of non-forest land is enclosed as **ANNEXURE-11(E)**.

P. S. Jena

1508

Condition No. (xi): *The State Govt. may note for future reference that the proposals for diversion of 160.838 ha of Sabik Kisam forest land and diversion of 199.1720 ha of forest land for mining and allied activities in Katamati Iron Ore Mines of M/s Tata Steel Ltd. located in Keonjhar District, Odisha within total mining lease hold area over 403.3238 ha of Katamati Iron Ore Mines of M/s. Tata Steel Ltd. in Keonjhar District Odisha as received from the State Govt. vide their letter No. 10F (Cons) - 18/2016.26364/F&E dated 19.12.2017 and 10F (Cons)-136/2014/102/F&E dated 01.01.2015 respectively, shall be dealt for diversion of 360.01 ha of forest land in F.No.8-01/2018-FC.*

In compliance to the above, the RCCF, Rourkela Circle has reported that the Forest Diversion Proposal over 199.1720 ha (R.F +K.F) for mining and allied activities and subsequently another forest diversion proposal over 160.838 ha. of Sabik Kisam forest land applied by the UA have been merged with, totalling to 360.010 ha. of forest land in Katamati Iron Mine of M/s Tata Steel Ltd. located in Keonjhar District, Odisha within the total mining lease hold area over 403.3238 ha. for which Stage-I was granted vide F. No. 8-01/2018-FC dated 21.08.2018 of MoEF & CC, GoI which was revised subsequently vide F. No. 8-01/2018-FC dated 13.03.2019 of MoEF & CC, GoI.

Condition No.(xii): *The non-forest land identified for raising compensatory afforestation 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 Govt. as RF under Section-4 or PF under Section-20 of the Indian Forest Act,1972 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 to the above, the RCCF, Rourkela Circle has reported that the following non-forest Govt. lands allotted in Keonjhar and Dhenkanal Districts for CA have been mutated in favour of the State Forest Department. The details are hereunder:

- a) The identified non-forest land over 165.793 ha in village Kaliapal has been mutated in favour of State Forest Department and RoR issued by Tahasildar, Jhumpura is enclosed as **Annexure-12**. Further, the same has been notified as "Kaliapal Protected Forest" vide Notification No. 10F(Cons) 101/19-21370/F&E dated 06.11.2019 of F&E Department which is enclosed as **Annexure-12A**.
- b) The identified non-forest land over 34.00 ha in village-Dandargauni under Telkoi Tahasil of Keonjhar District has been mutated in favour of State Forest Department and ROR issued by Tahasildar, Telkoi is enclosed as **Annexure-13**. Further, the same has been notified as "Dandargauni Protected Forest" vide Notification No. 10F(Cons) 77/2020-8099/F&E dated 28.05.2020 of F&E Department which is enclosed as **Annexure-13A**.
- c) The identified non-forest land over 160.8381 ha in village-Kerajodi under Kankadahad Tahasil of Dhenkanal District has been mutated in favour of State Forest Department and ROR issued by Tahasildar, Telkoi is enclosed as **Annexure-14**

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1507

Further, the draft notification proposal for declaration of non-forest land identified in village-Kerajodi under Kankadahad Tahasil of Dhenkanal Forest Division in Keonjhar District having area 160.8381 ha (397.439 Ac) as "Protected Forests" under Section 33 of Odisha Forest Act, 1972 has been transmitted to the Government in F & E Department vide this office Letter No. 12597 dated 30.06.2020 which is enclosed as **Annexure-14A**.

Condition No. (xiii): *The user agency shall transfer the cost of raising and maintaining the Compensatory Afforestation at the current wage rate in consultation with State Forest Department in the account of Ad-hoc CAMPA of the concerned State through online portal. The scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years.*

In compliance to the above, the RCCF, Rourkela Circle has reported that the user agency has transferred the cost of raising and maintaining the Compensatory Afforestation at wage rate of Rs. 303.40/- per man-day in consultation with State Forest Department in the account of Ad-hoc CAMPA of Odisha through online portal which has been deposited in CAMPA fund, the dwetails of which have already been mentioned at condition No.(ii) above. Further, appropriate provisions for anticipated cost increase for works scheduled for subsequent years has been incorporated in the scheme.

Condition No. (xiv): *The User agency shall transfer online, the Net Present Value (NPV) of the forest land 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 to the above, the RCCF, Rourkela Circle has reported that the Net Present Value (NPV) over the entire forest land (i.e. 360.010 ha.) falling within the lease hold area of 403.3238 ha of Katamati Iron Mine has been deposited as detailed below:-

Name of Mines: <u>Katamati Iron Mine</u>					
Area (in ha.)	Rate of NPV	DEMAND OF DFO KJR	PAYMENT BY TATA STEEL	Total Area (ha)	Total amount deposited by user agency
199.172	@939000/-	Rs.18,70,22,508/- vide letter No.183 dated 16.06.2010	Payment of Rs. 18,70,22,508/- on 02.07.2010 through Banker's Cheque No. 046904 dated 02.07.2010 enclosed as ANNEXURE-15	360.0100	33,80,49,390/-
160.838 (Sabik)	@939000/-	Demand of Rs. 15,10,26,882/- @ 9.39 lakhs per ha. vide memo No. 4442/Mining dated 07.06.2016	Payment of Rs. 15,10,26,882/- deposited through RTGS vide Ref. No. HDFCR52016071510235477 dt. 15.07.2016 in Ad-hoc CAMPA in CAF ORRISA A/c No.SB01025222 in Corporation Bank, Lodhi Complex Branch, Lodhi Road, New Delhi is enclosed as ANNEXURE-15A.		
Total- 360.01 ha				360.0100	33,80,49,390/-

1506

Condition No. (xv): *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 to the above, the user agency has furnished an undertaking to pay additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India which is enclosed at **Sl.No. 4 of Annexure-1.**

Condition No. (xvi): *Fencing, protection and regeneration of the safety zone area [7.5m 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 to the above, the RCCF, Rourkela Circle has reported that **Safety Zone** area in a 7.5m strip has been maintained within the mining lease boundary and this is a part of the total area of mining lease. Further, the scheme for fencing, protection and regeneration of the Safety Zone Area has been prepared by the DFO, Keonjhar Division and technically approved by RCCF, Rourkela with a financial outlay of **Rs.1,14,34,500/-** which would be implemented by the User Agency at the project cost. A copy of the said scheme alongwith the financial outlay is already enclosed as **Annexure-5A.**

Further, the RCCF, Rourkela Circle has reported that the de-graded forest land measuring **1.5 times the Safety Zone** area has already been identified and pillar posting and board fixation job has also been done over the area. The Scheme for afforestation on the de-graded forest land identified for the purpose has been technically approved by the RCCF, Rourkela vide his office Memo No. 915 dt. 30.04.2020 & revised scheme prepared by him at current wage rate 303.40 per Man-days which has been approved by the RCCF, Rourkela vide his office Memo No.2070 dt.06.08.2020. Details of de-graded forest land identified in two sites and accordingly schemes prepared and approved against the project as submitted by the DFO, Keonjhar Division are given below:

(a) A Scheme for afforestation of 1.5 times Safety Zone over **3.300 ha** of degraded forest land (DFL) identified in Baitarani East – B PRF under Champua Forest Range of Keonjhar Division (1st site) has been technically approved by RCCF, Rourkela Circle with a financial outlay of Rs.11,82,172/- at wage rate of Rs 298/- per manday. A copy of the said scheme is enclosed as **Annexure-16.**

2505

It is pertinent to mention that the User Agency has deposited the approved cost of Rs.11,82,172/- (Rupees Eleven Lakhs Eighty Two Thousand One Hundred and Seventy Two) only online in CAMPA Account in two phases:

In the first phase, the user agency has deposited **Rs.3,83,450/-** (Three Lakhs Eighty Three Thousand Four Hundred and Fifty) has been deposited through RTGS vide **UTR No.HDFCR52017091953942240 dated 19.09.2017** in ORRISA CAMPA Account No. 1508210992112007742 of Corporation Bank, FCS Bangalore. A copy of the Certificate issued from HDFC Bank, Jamshedpur towards the said payment as well as the payment receipt is enclosed as **Annexure-16A**.

In the second phase, the user agency has deposited **Rs.7,98,722/-** (Seven Lakhs Ninety Eight Thousand Seven Hundred and Twenty Two)(Part of total deposit of Rs 7,73,63,959/-) has been deposited online through NEFT in Adhoc-CAMPA in ORRISA CAMPA Account No.**150825820081626** in Corporation Bank, Lodhi Complex Branch, Lodhi Road, New Delhi vide **Ref. No. N192201184371581 dated 10.07.2020** of HDFC Bank, Jamshedpur. A copy of the certificate issued from HDFC Bank, Jamshedpur is already enclosed as **Annexure-2A**.

Subsequently, the above scheme has been revised by the DFO, Keonjhar Division at wage rate of Rs. 303.40 per man-day and technically approved by RCCF, Rourkela Circle with a financial outlay of Rs. 11,87,500/-. The User Agency has deposited the differential approved amount of Rs.5,328/- (Part of total deposit of Rs 20,45,191/-) through online in Adhoc-CAMPA in ORRISA CAMPA Account No.**150825820081876** in Corporation Bank, Lodhi Complex Branch, Lodhi Road, New Delhi vide **UTR No. HDFCR52020092499016937 dated 24.09.2020**, the receipt of which is already enclosed as **Annexure-2B**.

(b) The Scheme for afforestation of 1.5 times Safety Zone over **4.737 ha** of degraded forest land (DFL) identified in Barabanka RF under Ghatgaon Range of Keonjhar Division (2nd site) was technically approved by RCCF, Rourkela Circle with a financial outlay of Rs. 21,15,907/- at wage rate of Rs 298/- per manday. The user agency has deposited approved cost of the scheme for **Rs.21,15,907/-** (Rupees Twenty One Lakhs Fifteen Thousand Nine Hundred and Seven) only (Part of total deposit of Rs 7,73,63,959/) online through NEFT in Adhoc-CAMPA in ORRISA CAMPA Account No.**150825820081626** in Corporation Bank, Lodhi Complex Branch, Lodhi Road, New Delhi vide **Ref. No. N192201184371581 dated 10.07.2020** of HDFC Bank, Jamshedpur. A copy of the certificate issued from HDFC Bank, Jamshedpur is already enclosed as **Annexure-2A**. A copy of the said scheme is enclosed as **Annexure-16B**.

Subsequently, the above scheme was revised by the DFO, Keonjhar Division and technically approved by RCCF, Rourkela Circle at wage rate of Rs. 303.40 per man-days with a financial outlay of Rs. 21,27,100/-. The user agency has deposited the differential approved amount of **Rs.11,193/-**

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(Part of total deposit of Rs 20,45,191/-) through online in Adhoc-CAMPA in ORRISA CAMPA Account No.150825820081876 in Corporation Bank, Lodhi Complex Branch, Lodhi Road, New Delhi vide UTR No. HDFCR52020092499016937 dated 24.09.2020, the receipt of which is already enclosed as Annexure-2B.

The Shape file of the allotted de-graded forest land in a Compact Disc Drive submitted by the DFO, Keonjhar is annexed as ANNEXURE-16C.

Condition No. (xvii): *Period of diversion of the said forest land under this approval shall be for a period coterminous with the period of the mining lease proposed to be granted under the Mines & Minerals (Development & Regulation) Act, 1957 as amended and rules framed thereunder.*

In compliance to the above, the RCCF, Rourkela Circle has reported that the period of diversion of forest land under this approval will be co-terminus with the Mining Lease (ML) period (i.e. up to 31.03.2030). The lease period of Katamati Iron Mine has been extended up to 31.03.2030, in view of the MMDR Amendment Act, 2015 and the Supplementary Lease Deed has been executed on 27.11.2016 and registered on 28.11.2016 with e-Registration No. 11031600471. A copy of the Supplementary Lease Deed submitted by the DFO, Keonjhar is annexed as ANNEXURE-17.

Condition No. (xviii): *Any fund received from the user agency under the project and deposited in the State Forest Department account, except the funds realized for regeneration/ demarcation of safety zone, shall be transferred through online portal into ad-hoc CAMPA account of the state concerned.*

In compliance to the above, all the funds received from the User Agency have been transferred to Ad-hoc CAMPA through online portal of Ad-hoc CAMPA account. The details of the following amounts deposited by the User Agency is furnished below:

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	Deposited with
i	NPV	DD	046904	18,70,22,508	02.07.2010	Bank of India, Joda	Compensatory Afforestation Fund (CAF) Orissa, Account No. CA-1585 in Corporation Bank Lodhi Road, New Delhi.	Ad-hoc CAMPA
		RTGS	HDFCR52016071510235477	15,10,26,882	15.07.2016	HDFC Bank, Jamshedpur	Compensatory Afforestation Fund (CAF) Orissa, Accounts No. SB01025222, IFSC No. CORP0000371 of Corporation Bank, CGO Complex, Lodhi Road, New Delhi-110003.	Ad-hoc CAMPA

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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	Deposited with
ii	Regional Wildlife Management Plan	RTGS	CNRBR520160 12200695175	1,73,42,923	22.01.2016	Canara Bank, Noamundi	Compensatory Afforestation Fund (CAF), Odisha Accounts No. SB01025222, IFSC No. CORP0000371 of Corporation Bank, CGO Complex, Lodhi Road, New Delhi-110003.	Ad-hoc CAMPA
iii.	Site Specific Wildlife Conservation Plan	RTGS	1130814883695	1,22,00,000	16.08.2013	HDFC Bank, Jamshedpur	Compensatory Afforestation Fund (CAF), Odisha Accounts No. SB01025222, IFSC No. CORP0000371 of Corporation Bank, CGO Complex, Lodhi Road, New Delhi-110003.	Ad-hoc CAMPA
iv	1.5 Times Safety Zone- 3.300 ha	Online Payment	HDFCR520170 91953942240	3,83,450	19.09.2017	HDFC Bank, Jamshedpur	Account No. 1508210992112007 742, IFSC No. - CORP0000633, Corporation Bank, FCS Bangalore.	Ad-hoc CAMPA
		Online Payment	N192201184371 581	7,98,722 Part of deposit of Rs.7,73,63,959/-	10.07.2020	HDFC Bank, Jamshedpur	Account No. 150825820081626, IFSC No. CORP0000371, Corporation Bank, Lodhi Complex Brach, Block 11, CGO Complex, Phase-I, Lodhi Road, New Delhi-110003.	Ad-hoc CAMPA
		Online Payment	HDFCR520200 92499016937	5,328 Part of deposit of Rs.2,45,191/-	24.09.2020	HDFC Bank, Jamshedpur	Account No. 150825820081876, IFSC No. CORP0000371, Corporation Bank, Lodhi Complex Brach, Block 11, CGO Complex, Phase-I, Lodhi Road, New Delhi-110003.	Ad-hoc CAMPA

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S. 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	Deposited with
v	1.5 Times Safety Zone- 4.737 ha	Online Payment	N192201184371 581	21,15,907 Part of deposit of Rs.7,73,63,959/-	10.07.2020	HDFC Bank, Jamshedpur	Account No. 150825820081626, IFSC No.CORP0000371, Corporation Bank, Lodhi Complex Brach, Block 11, CGO Complex, Phase-I, Lodhi Road, New Delhi-110003.	Ad-hoc CAMPA
		Online Payment	HDFCR520200 92499016937	11,193 Part of deposit of Rs.2,45,191/-	24.09.2020	HDFC Bank, Jamshedpur	Account No. 150825820081876, IFSC No.CORP0000371, Corporation Bank, Lodhi Complex Brach, Block 11, CGO Complex, Phase-I, Lodhi Road, New Delhi-110003.	Ad-hoc CAMPA
vi	Compensatory Afforestation	Online payment	N006201028479 729	7,90,99,800	06.01.2020	HDFC Bank, Jamshedpur	Account No. 150825892110681, IFSC No. CORP0000371, Corporation Bank, Lodhi Complex Brach, Block 11, CGO Complex, Phase-I, Lodhi Road, New Delhi-110003	Ad-hoc CAMPA
		Online Payment	HDFCR520200 92499016937	11,05,800 Part of deposit of Rs.2,45,191/-	24.09.2020	HDFC Bank, Jamshedpur	Account No. 150825820081876, IFSC No.CORP0000371, Corporation Bank, Lodhi Complex Brach, Block 11, CGO Complex, Phase-I, Lodhi Road, New Delhi-110003.	Ad-hoc CAMPA
		Online payment	N192201184371 581	1,83,24,500 Part of deposit of Rs.7,73,63,959/-	10.07.2020	HDFC Bank, Jamshedpur	Account No. 150825820081626, IFSC No.CORP0000371, Corporation Bank, Lodhi Complex Brach, Block 11, CGO Complex, Phase-I, Lodhi Road, New Delhi-110003.	Ad-hoc CAMPA

1501

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	Deposited with
	Compensatory Afforestation	Online Payment	HDFCR520200 92499016937	2,33,300 Part of deposit of Rs.2,45,191/-	24.09.2020	HDFC Bank, Jamshedpur	Account No. 150825820081876, IFSC No.CORP0000371, Corporation Bank, Lodhi Complex Brach, Block 11, CGO Complex, Phase-I, Lodhi Road, New Delhi-110003.	Ad-hoc CAMPA
		Online payment	N192201184371 581	1,12,03,000 Part of deposit of Rs.7,73,63,959/-	10.07.2020	HDFC Bank, Jamshedpur	Account No. 150825820081626, IFSC No.CORP0000371, Corporation Bank, Lodhi Complex Brach, Block 11, CGO Complex, Phase-I, Lodhi Road, New Delhi-110003.	Ad-hoc CAMPA
		Online Payment	HDFCR520200 92499016937	1,49,200 Part of deposit of Rs.2,45,191/-	24.09.2020	HDFC Bank, Jamshedpur	Account No. 150825820081876, IFSC No.CORP0000371, Corporation Bank, Lodhi Complex Brach, Block 11, CGO Complex, Phase-I, Lodhi Road, New Delhi-110003.	Ad-hoc CAMPA
vii	Addl. Compensatory Afforestation Scheme	Online Payment	N192201184371 581	4,21,31,800 Part of deposit of Rs.7,73,63,959/-	10.07.2020	HDFC Bank, Jamshedpur	Account No. 150825820081626, IFSC No.CORP0000371, Corporation Bank, Lodhi Complex Brach, Block 11, CGO Complex, Phase-I, Lodhi Road, New Delhi-110003.	Ad-hoc CAMPA
		Online Payment	HDFCR520200 92499016937	5,31,400 Part of deposit of Rs.2,45,191/-	24.09.2020	HDFC Bank, Jamshedpur	Account No. 150825820081876, IFSC No.CORP0000371, Corporation Bank, Lodhi Complex Brach, Block 11, CGO Complex, Phase-I, Lodhi Road, New Delhi-110003.	Ad-hoc CAMPA

T. J. Jena

1500

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	Deposited with
viii	Gap Planting & SMC in 100mtrs. Outside ML	Online Payment	N192201184371581	27,90,030 Part of deposit of Rs.7,73,63,959/-	10.07.2020	HDFC Bank, Jamshedpur	Account No. 150825820081626, IFSC No.CORP0000371, Corporation Bank, Lodhi Complex Brach, Block 11, CGO Complex, Phase-I, Lodhi Road, New Delhi-110003.	Ad-hoc CAMPA
		Online Payment	HDFCR52020092499016937	8,970 Part of deposit of Rs.2,45,191/-	24.09.2020	HDFC Bank, Jamshedpur	Account No. 150825820081876, IFSC No.CORP0000371, Corporation Bank, Lodhi Complex Brach, Block 11, CGO Complex, Phase-I, Lodhi Road, New Delhi-110003.	Ad-hoc CAMPA

The details of the funds deposited by the user agency through online portal in Adhoc-CAMPA in prescribed format duly signed by DFO, Bonai and countersigned by PCCF (FD & NO, FC Act) is enclosed as **Annexure-18**.

Condition No. (xix): *User Agency should ensure that the Compensatory levies (CA cost, NPV, etc.) are deposited through challan generated online 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 to the above, the RCCF, Rourkela Circle has reported that all the demanded funds have been deposited through challan generated online in web portal and have been deposited in appropriate bank online only. Further, the DFO, Keonjhar has reported that, NPV demanded vide letter No. 183 dated 16.06.2010 by DFO, Keonjhar Division has been paid by cheque No. 046904 dated 02.07.2010.

Condition No. (xx): *The user agency shall obtain the Environmental Clearance as per the provisions of the Environment (Protection) Act, 1986, if required.*

In compliance to the above, the RCCF, Rourkela Circle has reported that the Environmental Clearance has been granted vide Letter No. J- 11015/63/2008-IA.II(M) dated 26.11.2010 as per the provisions of the Environment (Protection) Act, 1986 and is annexed as **ANNEXURE-19**.

Condition No. (xxi): *No labour camp shall be established on the forest land.*

In compliance to the above, the user agency has furnished an undertaking that no labour camps will be established on the forest land which is enclosed at **Sl.No.5 of Annexure-1**.

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Condition No. (xxii): *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 to the above, the user agency has furnished an undertaking to provide alternative fuel in the form of electrical heater connections and LPG in the labourers quarters through their Cooperative Society so as to avoid any damage and pressure on the nearby forest areas which is enclosed at **Sl.No.6 of Annexure-1.**

Condition No. (xxiii): *The boundary of the diverted forest land, mining lease and safety zone, as applicable, shall be demarcated on the ground at the project cost, by erecting 4 ft height reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates.*

In compliance to the above, the RCCF, Rourkela Circle has reported that the boundary of the diverted forest land, mining lease and safety zone, as applicable, have been demarcated on the ground at the project cost, by erecting 4 ft height reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates. A map indicating the position of the pillars with coordinates submitted by the DFO, Keonjhar is annexed as **ANNEXURE-20.**

Condition No. (xxiv): *The layout plan of the mining plan / proposal shall not be changed without the prior approval of the Central Govt.*

In compliance to the above, the user agency has furnished an undertaking not to change the layout plan of the mining plan/proposal without prior approval of the Central Government which is enclosed at **Sl.No.7 of Annexure-1.**

Condition No. (xxv): *The forest land shall not be used for any purpose other than that specified in the proposal.*

In compliance to the above, the user agency has furnished an undertaking that the forest land will not be used for any purpose other than that specified in the proposal which is enclosed at **Sl.No.8 of Annexure-1.**

Condition No. (xxvi): *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 to the above, the user agency has furnished an undertaking that the forest land proposed to be diverted will under no circumstances be transferred to any other agency, department or person without prior approval of the Central Government which is enclosed at **Sl.No.9 of Annexure-1.**

Condition No. (xxvii): *No damage to the flora and fauna of the adjoining area shall be caused.*

In compliance to the above, the user agency has furnished an undertaking that no damage to the flora and fauna of the adjoining area will be caused which is enclosed at **Sl.No.10 of Annexure-1.**

1498

Condition No. (xxviii): Any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department.

In compliance to the above, the user agency has furnished an undertaking that any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department which is enclosed at **Sl.No.11 of Annexure-1**.

Condition No. (xxix): The user agency will abide by the applicable recommendations of the State Government.

In compliance to the above, the user agency has furnished an undertaking to abide by the applicable recommendation of the State Government which is enclosed at **Sl.No.12 of Annexure-1**.

Condition No. (xxx): 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 forest (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 to the above, the RCCF, Rourkela Circle has reported that Gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forest (having crown density less than 0.40) located in the area within 100 m. from outer perimeter of the mining lease will be undertaken by State Forest Department. A scheme for Gap Planting and SMC activities has been prepared by the DFO, Keonjhar in compliance with the above condition and has been technically approved by the RCCF, Rourkela with a financial outlay of Rs.27,90,030/- at wage rate of Rs 298/- per manday. The user agency has deposited approved Scheme cost of **Rs.27,90,030/-** (Rupees Twenty Seven Lakhs Ninety Thousand and Thirty) only (Part of total deposit of Rs 7,73,63,959/-) online through NEFT in Adhoc-CAMPA in ORRISA CAMPA Account No.150825820081626 in Corporation Bank, Lodhi Complex Branch, Lodhi Road, New Delhi vide **Ref. No. N192201184371581 dated 10.07.2020** of HDFC Bank, Jamshedpur. A copy of the certificate issued from HDFC Bank, Jamshedpur is already enclosed as **Annexure-2A**.

Subsequently the revised scheme submitted by the DFO, Keonjhar has been technically approved by the RCCF, Rourkela at wage rate of Rs. 303.40 per man-day with a financial outlay of Rs. 27,99,000/-. The user agency has deposited the differential approved amount of **Rs.8,970/-** through online (Part of total deposit of Rs. 20,45,191/-) in Adhoc-CAMPA in ORRISA CAMPA Account No.150825820081876 in Corporation Bank, Lodhi Complex Branch, Lodhi Road, New Delhi vide **UTR No.HDFCR52020092499016937 dated 24.09.2020** which is enclosed as **Annexure-2B**. A copy of the approved scheme is enclosed as **Annexure-21**.

497

Condition No. (xxxix): *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, Nodal Officer or the concerned Addl. Principal Chief Conservator of Forests (Central) may direct that the mining activities shall remain suspended till such time, such a reclamation activities are satisfactorily executed.*

In compliance to the above, the user agency has furnished an undertaking regarding the same which is enclosed at **Sl.No.13 of Annexure-1.**

Condition No. (xxxii): *The user agency shall prepare a list of existing village tanks and other water bodies with GPS co-ordinates located within 5km 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 this 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 to the above, the RCCF, Rourkela Circle has reported that the user agency has prepared a list of existing village tanks and other water bodies with GPS co-ordinates located within 5km from the Mine Lease Boundary. This list has been duly verified by Divisional Forest Officer, Keonjhar. A detailed scheme for desilting of identified ponds and water bodies has been prepared in consultation with the DFO, Keonjhar and technically approved by the RCCF, Rourkela with a financial outlay of **Rs.57,03,000/-** (Fifty Seven Lakhs Three Thousand) only. The DFO, Keonjhar Division has further reported that the user agency will regularly undertake desilting of this village tanks and other water bodies so as to mitigate the impact of siltation of such tanks/water bodies. A copy of the approved scheme is enclosed as **Annexure-22.**

Condition No.(xxxiii): *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 to the above, the user agency has furnished an undertaking to submit annual self-compliance report in respect of the above stated conditions to the State Government , Concerned Regional Office and to the Ministry by the end of March every year regularly which is enclosed at **Sl.No.14 of Annexure-1.**

Condition No. (xxxiv): *Any other condition that the concerned Regional Office of this Ministry may stipulate, from time to time, in the interest of conservation, protection and development of forest and wildlife.*

In compliance to the above, the user agency has furnished an undertaking to abide by any other condition that the concerned Regional Office of this Ministry may stipulate, from time to time, in the interest of conservation, protection and development of forest and wildlife which is enclosed at **Sl.No.15 of Annexure-1.**

1496

Condition No. (xxxv): *The user agency shall comply all the provisions of 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 to the above, the user agency has furnished an undertaking to comply all the provisions of 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 which is enclosed at **Sl.No.16 of Annexure-1.**

Compliance of the additional conditions imposed by the State Government vide letter No. 10F (Con) 18/2016-19517/F&E dated 06.09.2018.

A. *Forest area earmarked as Safety Zone around the ML area shall be demarcated by posting of pillars of appropriate length, protected, fenced, afforested at project cost. In no circumstances, the area earmarked as safety zone, shall be utilized for any other purpose.*

In compliance to the above, the RCCF, Rourkela Circle has reported that the safety zone area has been demarcated by posting pillars of appropriate length, protected, fenced, afforested properly at project cost & in no circumstances, the area earmarked as safety zone, will be utilized for any other purpose. An undertaking to this effect furnished by the User Agency is enclosed at **Sl.No.17 of Annexure-1** and a map demarcating the Safety Zone around the ML area is annexed as **ANNEXURE-5.**

B. *The user agency shall undertake demarcation of the lease area on the ground posting six feet high cement concrete pillars embedded two feet inside the soil and 4 feet above the ground 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 to the above, the RCCF, Rourkela Circle has reported that the user agency has undertaken demarcation of the lease area on the ground posting six feet high cement concrete pillars embedded two feet inside the soil and 4 feet above the ground with serial number, forward and backward bearings, and distance from pillar to pillar. Further a map showing different kinds of forest land using DGPS' survey data and latitude and longitude of each pillar has been prepared by the User Agency is enclosed as **ANNEXURE-20.** An undertaking to this effect furnished by the User Agency is enclosed at **Sl.No.18 of Annexure-1.**

C. *If applicable, the lessee shall deposit the differential cost towards Comprehensive Wildlife Management Plan at revised rate.*

In compliance to the above, the user agency has furnished an undertaking to deposit cost towards Comprehensive Wildlife Management Plan at the revised rate which is enclosed at **Sl.No.19 of Annexure-1.**

T. S. Jena

1495

The user agency has deposited an amount of Rs.1,73,42,923/- towards Regional Wildlife Management Plan through RTGS in Ad-hoc CAMPA in Compensatory Afforestation Fund (CAF) Odisha account No.SB01025222 in Corporation Bank, CGO Complex, Lodhi Road, New Delhi vide **UTR No.CNRBR52016012200695175 dated 22.01.2016**. The copy of the receipt in support of the payment is enclosed as **Annexure-22A**.

Further, the user agency has deposited an amount of Rs.1,22,00,000/- towards Site Specific Wildlife Conservation Plan through RTGS in Ad-hoc CAMPA in Compensatory Afforestation Fund (CAF) Odisha account No.SB01025222 in Corporation Bank, CGO Complex, Lodhi Road, New Delhi vide **UTR No.I130814883695 dated 16.08.2013**. The copy of the receipt in support of the payment is enclosed as **Annexure-22B**.

D. User Agency has to execute Phased Reclamation Plan at their own cost.

In compliance to the above, the RCCF, Rourkela Circle has reported that phased reclamation is being executed by the User Agency as per approved Mining Plan. A Copy of Mining Plan as submitted by the DFO, Keonjhar is enclosed as **ANNEXURE-23**.

E. Penal measures imposed by MOEF & CC, shall be complied with by the lessee.

In compliance to the above, the user agency has furnished an undertaking to comply the penal measures, if any, imposed by MoEF & CC which is enclosed at **Sl.No.20 of Annexure-1**.

F. CB Analysis is required to be re-assessed as per GoI, MoEF & CC guidelines bearing F. No. 7-69/2011-FC(Pt) dt. 01.08.2017 taking the combined forest diversion proposal for 360.01 ha. of forest land.

In compliance to the above, the RCCF, Rourkela Circle has reported that the Cost Benefit Analysis prepared and submitted by the DFO, Keonjhar Division is enclosed as **Annexure-2C** which has been re-assessed as per GoI, MoEF & CC guidelines bearing F. No. 7-69/2011-FC(Pt) dt. 01.08.2017.

The total benefit of this project is rs.3669.09 Crores and the loss in forest including environmental loss, NPV cost etc comes to Rs.79.50 Crores. Hence, the cost benefit ratio is 1:46.15. The cost-benefit analysis is enclosed as **Annexure-2C**.

G. In case land use plan proposed in the earlier/present forest diversion proposal differs from the land use plan reflected in the approved Mining Scheme, MoEF & CC, guidelines bearing letter F. No. 11-150/2017-FC dt.16.10.2017, prescribing procedure for processing/disposing of proposals for change of land use plan within the diverted forest land of a mining lease vis-à-vis the latest land use plan approved by Indian Bureau in the Mining Plan/Scheme shall be complied with by the lessee.

In compliance to the above, the RCCF, Rourkela Circle has reported that the latest land use plan reflected in the approved Mining Scheme will be endorsed as per MoEF & CC guidelines bearing letter F. No. 11-150/2017-FC dt.16.10.2017.

1494

H. In view of MoEF & CC guidelines dt. 08.11.2017, the suitability of CA land of 165.792 ha. identified in village Kaliapal of Barbil Tahasil, Keonjhar district and 160.841 ha. in Kerajodi village of Kankadahad Tahasil of Dhenkanal District shall be examined to accommodate the requirement of planting of 1000 plants per ha. In case the required number of plants are not raised over the identified NF land, de-graded forest land to the extent required, shall be identified for raising the balance no. of plants. Consequently the CA schemes earlier furnished with forest diversion proposals shall be revised along with preparation of additional CA scheme over the identified de-graded forest land which are to be technically approved by the competent authority before demand is raised with user agency for deposit of the cost of CA Scheme(s). 25% of CA cost is to be charged additionally for its expenditure towards soil and moisture conservation activities in the CA area.

In compliance to the above, the RCCF, Rourkela Circle has reported that as per revised in-principle approval order of GoI, MoEF & CC vide letter F.No.8-01/2018-FC dated 13.03.2019 for diversion of 360.01 ha of forest land [160.838 ha Sabik Kisam forest land plus 199.1720 ha forest land (RF & KF)] compensatory afforestation over 360.6311 ha (160.838 ha + 65.793 ha + 34.0 ha) of equivalent non-forest land has been identified in following three patches.

- (a) 160.8381 ha of non-forest land has been identified in village Kerajodi of Kankadahad Tahasil of Dhenkanal District coming under jurisdiction Dhenkanal Forest Division.
- (b) 165.7928 ha (199.1720 ha – 2.200 ha Safety Zone – 31.1791 ha broken up forest land prior land 25.10.1980) or 165.793 ha non-forest land has been identified in village Kaliapal of Jhumpura Tahasil of Keonjhar District coming under jurisdiction of Keonjhar Forest Division.
- (c) 34.00 ha of non-forest land identified in village Dandargouni of Telkoi Tahasil of Keonjhar District coming under jurisdiction of Keonjhar Forest Division.

The DFO Keonjhar Division has prepared a Site Specific Compensatory Afforestation scheme over an area of 165.793 ha of non-forest land identified in village Kaliapal under Jhumpura Tahasil of Champua Range in Keonjhar Forest Division to take up ANR Plantation @ 400 plants per ha over 7.793 ha to raise 3117 seedlings (7.793 ha X 400 plants/ha) with 10 years maintenance and ANR without gap plantation over 158.0 ha with 10 years maintenance alongwith provision of barbed wire fencing around the plantation with provision of Soil Conservation measures like LBCD & staggered trenches which is enclosed as **Annexure-2(1)**.

Similarly, the DFO Dhenkanal Division has prepared a Site Specific Compensatory Afforestation Scheme over an area of 160.8381 ha of non-forest land identified in village Kerajodi under Kankadahad Tahasil of Kamakhyanagar East Range of Dhenkanal Forest Division to take up Bald Hill Plantation @ 1600 plants per ha over 103.0 ha of non-forest land to raise 1,64,800 seedlings (103.0 ha X 1600 plants/ ha) without provision of fencing with 10 years maintenance and ANR without gap plantation over 57.8381 ha with 10 years maintenance alongwith provision of barbed wire fencing around the plantation with provision of additional SMC measures like LBCD which is enclosed as **Annexure-2 (2)**.

Further, the DFO Keonjhar Division has prepared a site specific CA scheme over an area of 34.0 ha of non-forest land identified in village Dandargouni under Telkoi Tahasil of Telkoi Range in Keonjhar Forest Division to take up Bald Hill Plantation @ 1600 plants per ha over 8.50 ha to raise 13,600 seedlings (8.50 ha X 1600 plants/ ha) without provision of fencing with 10 years maintenance and ANR Plantation @ 800 plants per ha, over 25.5 ha to raise 20,400 seedlings (25.5 ha X 800 plants/ ha) with 10 years maintenance alongwith provision of barbed wire fencing around the plantation with provision of soil conservation measures like LBCD & staggered trenches which is enclosed as **Annexure-2 (3)**.

As per Para 2.8 (i) of Handbook of guidelines of Forest (Conservation) Act 1980 issued vide letter F.No.5-2/2017-FC dated 28.03.2019 of GoI, MoEF & CC, New Delhi, 3,60,311 nos. (360.6311 ha X 1000) of seedlings are required to be planted over 360.6311 ha of non-forest land identified for compensatory afforestation. However, in the above three CA schemes over 160.8381 ha, 165.793 ha and 34.0 ha of non-forest land, 2,01,917 nos. (1,64,800+3117+13,600+20,400) seedlings have proposed to be planted. Hence, to accommodate balance 1,58,394 nos. (3,60,311 - 2,01,917) of seedlings an area of 206.054 ha of degraded forest land has been identified in two patches having area of 48.280 ha and 60.207 ha in Barabanka RF and 97.567 ha in Balipokhari RF under Ghatagaon Range of Keonjhar Forest Division.

The DFO Keonjhar Forest Division has prepared a **Addl. CA scheme** over an area of 206.054 ha of degraded forest land identified in two patches having area of 48.280 ha and 60.207 ha in Barabanka RF and 97.567 ha in Balipokhari RF under Ghatagaon Range of Keonjhar Forest Division to take up ANR Plantation @ 800 Plants per ha over 206.054 ha degraded forest land to raise 1,64,843 seedlings (206.054 ha X 800 plants/ ha) with 10 years maintenance alongwith provision of barbed wire fencing around the plantation with provision of Soil Conservation measures like LBCD and staggered trenches which is enclosed as **Annexure-2 (4)**.

Thus, against the requirement of planting 3,60,311 seedlings (360.6311 ha X 1000), the DFO Dhenkanal and Keonjhar Division have proposed to raise 3,66,760 (1,64,800 + 3117 + 13,600 + 20,400 + 1,64,843) seedlings in the identified CA land relating to the project.

All the above four schemes were prepared at the wage rate of **Rs.298/- per man day** and approved with maintenance period of 10 years. The user agency has deposited the approved amount of the schemes in Ad-hoc CAMPA account. The details of deposit of the approved amounts are furnished hereunder.

1492

Sl. No.	Area of CA schemes	Name of the village	Amount of financial technically outlay approved by PCCF, FD&NO, FC Act	Amount deposited by user agency	UTR No. and date of deposit	Remarks
1	160.8381	Kerajodi	7,90,99,800/- (excluding infrastructure cost of Rs 15,00,000/-)	7,90,99,800/-	N006201028479729 dated 06.01.2020 in Adhoc-CAMPA in ORRISA CAMPA Account No.150825892110681 in Corporation Bank, Lodhi Complex Branch, Lodhi Road, New Delhi	Deposit receipts enclosed vide Annexure-2 & 2A
2	165.793	Kaliapal	1,83,24,500/-	1,83,24,500/(Part of total deposit of Rs 7,73,63,959/-)	N192201184371581 dated 10.07.2020 in Adhoc-CAMPA in ORRISA CAMPA Account No.150825820081626 in Corporation Bank, Lodhi Complex Branch, Lodhi Road, New Delhi	
3	34.00	Dandargouni	1,12,03,000/-	1,12,03,000/- (Part of total deposit of Rs 7,73,63,959/-)	N192201184371581 dated 10.07.2020 in Adhoc-CAMPA in ORRISA CAMPA Account No.150825820081626 in Corporation Bank, Lodhi Complex Branch, Lodhi Road, New Delhi	
4	206.054 Addl.CA	Barabanka RF & Balipokhari RF	4,21,31,800/-	4,21,31,800/- (Part of total deposit of Rs 7,73,63,959/-)	N192201184371581 dated 10.07.2020 in Adhoc-CAMPA in ORRISA CAMPA Account No.150825820081626 in Corporation Bank, Lodhi Complex Branch, Lodhi Road, New Delhi	

[Signature]

1491

Subsequently the above schemes have been revised at the current wage rate of **Rs. 303.40 per MD** and the same have been technically approved by the PCCF, FD&NO, FC Act. The user agency has deposited the approved **differential** amount of CA schemes at current wage rate of Rs. 303.40/- per man-days in Ad-hoc CAMPA Account as detailed below:

Sl. No.	Area of CA schemes	Name of the village	Amount of financial outlay approved by PCCF, FD&NO, FC Act wage rate 303.40/-	Amount deposited by user agency	Differential amount deposited by the user agency	UTR No. and date of deposit	Remarks
1	160.8381	Kerajodi	8,02,05,600/-	7,90,99,800/-	11,05,800/-	HDFCR52020092499016937	Deposit receipt enclosed vide Annexure-2B
2	165.793	Kaliapal	1,85,57,800/-	1,83,24,500/-	2,33,300/-	24.09.2020 in Adhoc-CAMPA Account	
3	34.00	Dandarguoni	1,13,52,200/-	1,12,03,000/-	1,49,200/-	No.150825820081876 in Corporation Bank, Lodhi Complex Branch, Lodhi Road, New Delhi	
4	206.054 Addl.CA	Barabanka RF & Balipokhari RF	4,26,63,200/-	4,21,31,800/-	5,31,400/-		
		Total			20,19,700/-		

The user agency has deposited a sum of Rs.20,45,191/- which includes an amount of **Rs.20,19,700/-** in Adhoc-CAMPA in ORISSA CAMPA Account No.150825820081876 in Corporation Bank, Lodhi Complex Branch, Lodhi Road, New Delhi vide **UTR No. HDFCR52020092499016937 dated 24.09.2020** which is enclosed as **Annexure-2B**.

Further, the additional 25% of the CA cost towards Soil & Moisture Conservation activities in the proposed CA area as per site requirement has been included in the following four (04) approved CA Schemes. The details of calculation of Soil & Moisture Conservation activities in the proposed CA areas are mentioned below:

Sl. No.	Area of CA scheme	Amount approved for Soil & Conservation Measures	Total amount approved for CA (Plantation cost)	% of Soil & Conservation Measures
1	160.8381	96,80,907/-	3,97,17,831/-	24.37%
2	165.793	44,44,896/-	56,38,056/-	78.83%
3	34.00	10,48,695/-	52,83,815/-	19.85%
4	206.054	55,13,019/-	1,74,75,347/-	31.54%
		2,06,87,517/-	6,81,15,049/-	30.37% (Total avg %)

1490

(d) Cost of removal of the trees shall be realized from the lessee which will be felled from the forest area of Mining lease area with forest clearance.

In compliance to the above, the user agency has furnished an undertaking that the cost of removal of trees will be realized from them which will be felled from the forest area of mining lease with forest clearance which is enclosed at **Sl.No.21 of Annexure-1.**

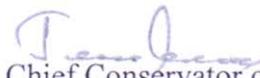
(e) Map of 57.5520 ha of RF land in Thakurani RF coming within the ML area in A3/A4 size showing the pillars postings duly authenticated by the DFO, Keonjhar shall be furnished.

In compliance to the above, the RCCF, Rourkela Circle has reported that the map of 57.5520 ha of RF land in Thakurani RF coming within the ML area has been prepared in A3/A4 size showing the pillars postings submitted by the User Agency & duly authenticated by the DFO, Keonjhar is annexed as **ANNEXURE-24.**

In view of the above, the compliance to the conditions imposed by Government of India, MoEF & CC, New Delhi as well as the additional conditions imposed by the State Government is sent herewith for according final approval diversion of 360.01 ha of forest land (160.838 ha Sabik Kisam Forest land plus 199.1720 ha of forest land(RF&KF) located within total mining leasehold area over 403.3238 ha of Katamati Iron Ore mines of M/s Tata Steel Ltd. under section 2(ii) of FC Act, 1980 in Keonjhar District Odisha under Section 2 Forest (Conservation) Act, 1980.

Encl: Stage-I Compliance in one set

Yours faithfully,


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

Memo No. 20152 /Dt. 18-11-2020

18/11/20

Copy alongwith one set of Stage-I compliance forwarded to the Deputy Director General of Forests (Central), MoEF & CC, Government of India, ERO, A/3, Chandrasekharpur, Bhubaneswar for information and necessary action.

Encl: Stage-I Compliance in one set


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

Memo No. 20153 /Dt. 18-11-2020

18/11/20

Copy alongwith one set of Stage-I compliance forwarded to the Additional Chief Secretary to Government, Forest & Environment Department, Odisha, Bhubaneswar for information and necessary action with reference to F&E Department Letter No. 10F(Cons) 18/2016/6840/F&E dated 04.04.2019.

Encl: Stage-I Compliance in one set


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

18/11/20

489

Memo No. 20154 /Dt. 18.11.2020

Copy forwarded to the RCCF, Rourkela Circle for information and necessary action with reference to his memo no. 3868 dated 16.10.2020.


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

18/11/20

Memo No. 20155 /Dt. 18.11.2020

Copy forwarded to the DFO, Keonjhar Forest division for information and necessary action with reference to memo no. 3869 dated 04.04.2020 of RCCF, Rourkela Circle to his address.


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

18/11/20

Memo No. 20156 /Dt. 18.11.2020

Copy forwarded to M/s Tata Steel Limited, 273, Bhouma Nagar, Unit-IV, BBSR-1 for information and necessary action


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

18/11/20