



STATE FOREST HEADQUARTERS, ODISHA  
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS & HoFF  
PLOT NO. GD-2/12, ARANYA BHAWAN, CHANDRASEKHARPUR  
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No. 13760

/9F (MG) – 377/2022

Dated, Bhubaneswar the

12<sup>th</sup> July' 2024

From

**Sri Susanta Nanda, IFS**  
Principal Chief Conservator of Forests  
(Forest Diversion & Nodal Officer, FC Act)  
O/o the PCCF & HoFF, Odisha, Bhubaneswar

To

**The Deputy Inspector General of Forests (FC)**  
Government of India,  
Ministry of Environment, Forests & Climate Change (F.C. Division)  
Indira Paryavaran Bhawan, Aliganj, Jor Bagh Road  
New Delhi-1100036

**Sub: Proposal for seeking prior approval of the Central Government under Section-2 (ii) of the Forest (Conservation) Act, 1980 for non-forestry use of 20.383 ha of forest land in favour of the Mahanadi Coalfields Ltd. for continuation of mining operation at Bhubaneswari OCP within Mining Lease area over 658.724 ha under Angul Forest Division in Angul District, Odisha – Compliance to GoI observations dated 04.07.2023 regarding.**

Ref: Letter No. 8-18/2002-FC(Vol) dated 04.07.2023 of Deputy Inspector General of Forests, GoI, MoEF & CC (FC Division), New Delhi.

Sir,

In inviting a reference to the above mentioned subject, this is to inform that Government of India, Ministry of Environment, Forest & Climate Change (FC Division), New Delhi vide letter dated 04.07.2023 has requested to furnish compliance to 12 (twelve) nos. of observations. The point wise compliance basing on the reports of the DFO, Angul Forest Division and RCCF, Angul Circle are as follows:-

***Observation (i):- The IRO Bhubaneswar vide letter dated 17.08.2022 (Copy enclosed) has provided the Status of compliance report of conditions of earlier approval for 112.521 ha of forest land vide Ministry letter dated 06.12.2004. After the examination of the said SIR, the Ministry vide its letter dated 19.09.2022 (Copy enclosed) requested to the State Government to furnish the status of progress made during the intervening period of 12 years along with the detail of year wise financial expenditure. The same is still awaited and required to be submitted for further action in this proposal.***

**Compliance-:** The RCCF, Angul Circle has reported that The U.A i.e. G.M. Jagannath Area has explained that in compliance to the Stage-II forest clearance approval for 112.521 ha of forest land vide Ministry letter dated 06.12.2004, an amount of Rs. 54,24,896.00/- has been deposited by the user agency vide Challan No. 4 dt. 27.09. 2004 towards cost of habitat improvement plan for the surrounding area.

Further, till date an amount of Rs. 25,00,000/- has been spent towards the above purpose. The following activities have been carried out during 2004-05 to 2012-13 under habitat improvement plan of surrounding area.

Total 2 nos. of water bodies have been constructed in 2005-06 with an expenditure of Rs. 5,00,000.00/-. Fodder plantation for elephants over 100.0 Ha was developed in the year 2005-06 to 2007-08 for which Rs 4,75,500.00 was spent. An amount of Rs. 1,50,000.00 was spent for awareness campaign regarding anti-depredation in 2005-06 and 2006-07. For arranging elephant proof trench/electric fencing, an amount of Rs. 10,00,000.00 was spent in 2005-06. Rs. 50,000.00 was spent for elephant tracker in 2006-07. An amount of Rs. 1,50,000.00 was spent on Wildlife & Forest protection measures in 2006-07 for construction of Camp shed, Rs 50,000.00 in 2005-06 and for V.H.F Tower & sets, an amount of Rs. 1,25,000.00 was spent in the year 2006-07.

The status of progress (financial and physical) made during the intervening period of 12 years along with the detail of year wise financial expenditure is provided as **Annexure-1**.

***Observation (ii)-:*** *As the mining lease of the Bhubaneswari OCP is 658.724 ha, out of which 132.904 ha is forest land. The Ministry has already diverted 112.521 ha forest land. Balance 20.383 ha DLC forest land is required to be diverted for expansion of Bhubaneswari OCP. The area for safety zone 6.795 was not included in the earlier approval. Therefore, the state may include in this proposal so that all forest land may be diverted.*

**Compliance-:** The RCCF, Angul Circle has reported that the User Agency has submitted that original application was submitted in 2002 for diversion of 132.904 ha out of which approval was granted for 112.521 ha only vide F.No.8-18/2002-FC dated 16.10.2002 and F.No.8-18/2002-FC dated 06.12.2004 for 25 years of mining in existing lease area. In original application of 132.904 ha forest land applied for diversion the Safety zone was 6.795 Ha FL. 6.795 Ha SZ in Forest land was kept outside ML boundary as an indicative purpose. However, Ministry has granted Stage-II FC for 112.521 Ha out of proposed 132.904 Ha. The corresponding SZ Forest land for 112.521 Ha was reduced to 6.033 Ha.

Ministry in 2004 has instructed the UA to come up for balance 20.383 Ha Forest land after 25 years. After reduction of the area of diversion, the SZ in Forest land outside ML Corresponding to left over 20.383 Ha is 0.762 Ha (6.795 Ha – 6.033 = 0.762 Ha) in the year 2004.

But, after exhaustion of diverted forest land of 112.521 Ha, the UA has now applied for diversion of balance 20.383 Ha. in the year 2022. As per the ministry's latest guidelines, the 7.5 Mtr SZ shall be inside the ML boundary. So, UA has applied for balance 20.383 Ha including SZ of 0.615 HA ( $20.383 = 19.768$  for mining +  $0.615$  for SZ FL) which is inside the ML boundary instead of 0.762 Ha SZ which was kept outside ML boundary as an indicative purpose in 2004.

So, Safety zone in Forest land within mining lease of already diverted forest land over 112.521 Ha during 2004 and now proposed diversion of 20.383 ha. shall be 6.648 Ha ( $6.033$  Ha +  $0.615=6.648$ )

Hence, difference of SZ area on forest land as per Ministry's observation and as per calculation of the user agency comes to 0.147 Ha. ( $6.795-6.648 = 0.147$ ) or ( $0.762$  Ha –  $0.615=0.147$  Ha).In this spell, the total forest land over **26.416** ha ( $19.768$  ha+ $6.648$  ha sz= $26.416$  ha) will be diverted.

**The UA has clarified that the area of SZ over Forest Land of 0.762 Ha which is outside ML area is not required now and this land is proposed for diversion in future expansion.** The detailed calculation of the area under Safety zone since the original application till the fresh application is made has been furnished in a tabular form below.

SI No		Forest land for Mining (Ha)	Corresponding SZ Forest land (ha)	Diverted in the year	Remarks
1	Original proposal	132.904	6.795	2002	
2	Stage-II FC granted	112.521	6.033	2004	SZ kept outside ML Boundary
3=(1-2)	Left out forest	20.383	0.762	2004	SZ kept outside ML Boundary
4	New Proposal of 20.383 Ha	19.768	0.615	2022 (Applied)	SZ inside ML Boundary ( $20.383=19.768+0.615$ )
5=2+4		132.289	6.648		

Though the area for safety zone 6.033 Ha was not included in the earlier proposal, payments towards NPV and regeneration of 1.5 times safety zone has already been deposited by MCL as mentioned below:-

1. NPV Cost for 112.521 Ha: Rs. 8,43,90,750.00 DD/Check No. 5054-260 dated 07.07.2007.
2. Additional NPV Cost for safety zone of 6.033 Ha: Rs. 56,64,987.00 vide DD/Check No. 868463 dated 26.07.2010.

3. Cost of safety zone scheme for 6.033 Ha. Rs. 25,88,100.00 vide DD/Check No. 007304 dated 08.09.2008.
4. Cost of 1.5 times safety zone CA scheme for 10.00 Ha: Rs. 2,40,200.00 vide DD/Check No. 007304 dated 08.09.2008.

However, the user agency has included 6.648 ha as safety zone in the diversion proposal. As per the extant rule, the user agency has provided twice degraded Revenue forest land for Compensatory afforestation for total applied forest land over 26.416 ha including 6.648 ha as safety zone.

Further, diversion of 6.033 Ha of safety zone area along with this proposal, the details of safety zone area (6.033 Ha) including Authenticated Land schedule, DGPS Surveyed Plan, Protection and re-generation of Safety zone scheme & Afforestation over 1.5 times of safety zone in degraded forest land elsewhere (10 Ha) and details of NPV for safety zone, KML files etc., the details are as follows.

- (i) Letter vide No. 430 dated 15.01.2024 of User Agency for Diversion of forest land of 6.033 Ha of safety zone area which was provided against already diverted forest land of 112.521 Ha along with this proposal as **Annexure-2A**.
- (ii) Authenticated Land schedule of 6.033 ha. SZ as **Annexure-2 B**.
- (iii) Authenticated DGPS survey plan of SZ as **Annexure-2 C**.
- (iv) Details of cost deposited towards protection and re-generation of SZ 6.033ha & cost deposited for 1.5 times SZ over 10.0 ha scheme as **Annexure-2 D**.
- (v) Details of cost deposited towards NPV payment for SZ as **Annexure-2 E**.
- (vi) Mine working plan showing SZ area **Annexure-2 F**.
- (vii) KML file of SZ 6.033 ha & KML file of 1.5 times SZ 10 ha in a **pen-drive**.
- (viii) Geo-tagged photograph of DGPS pillars of SZ 6.033 ha. in a **pen-drive**.
- (ix) The status of expenditure towards above mentioned activities is enclosed as **Annexure 2G**.
- (x) The site inspection report and information in Part-II for 6.033 Ha in prescribed format is enclosed as **Annexure 2H**.

Safety zone protection and regeneration along the mine lease area shall be maintained in 5.67 Ha (7560 mtrs X 7.5 Mtrs) from west side (GPS point 20°58'29.57" N, 85°08'32.97"E to south-east side (GPS point 20°58'5.01"N, 85°10'56.85"E) which includes SZ forest land- 1.738 Ha (0.615 Ha & 1.123 Ha) + Non- Forest SZ area 3.932 ha. The User agency has submitted an undertaking for protection and regeneration of safety zone (7.5 mtr.) area along the mine lease boundary at the project cost as **Annexure 2-I**. Further, the User Agency has also submitted an

undertaking for payment of additional NPV if so; demand is raised by the Govt. as **Annexure 2J**. Since, the UA has already made the payment towards NPV for the SZ area of 6.033 Ha. and provided the compensatory afforestation over 10 ha. under 1.5 times safety zone scheme which is also completed in Chhendipada Range of Angul division and the User Agency has also submitted an undertaking for protection and conservation of total safety zone forest area of 6.648 Ha (6.033 ha. against already diverted forest land of 112.521 ha + 0.615 Ha. forest land in proposed balance forest land 20.383 Ha), the 6.033 Ha of safety zone area may be considered for diversion along with this proposal.

***Observation (iii)-: KML file of the safety zone area 6.795 ha and also the KML file of the 1.5 times CA area for which the UA has deposited the amount in 2008.***

**Compliance-:** The RCCF, Angul Circle has reported that the safety zone area for 132.904 ha was 6.795 ha (original proposal). However, the corresponding safety zone for already diverted forest land (112.521 Ha) is 6.033 ha, the KML file of the corresponding safety zone forest land of 6.033 ha. against already diverted forest land (112.521 Ha) and KML file of the 1.5 times CA area are provided by User Agency as in a **pen-drive**.

The corresponding SZ for balance left out forest of 20.383 Ha outside ML boundary is 0.762 Ha. But As per the Ministry's latest guidelines SZ area shall be within ML boundary from 2015 onwards. So, application is submitted for diversion of 20.383 ha including SZ within/inside ML area as per the Ministry's latest guidelines. So, SZ in FL for new diversion proposal is 0.615 Ha instead of 0.762 Ha SZ in FL which used to keep outside ML in the year 2004 as per original application.

So, the difference comes to **0.147 Ha** (0.762 – 0.615 Ha)

UA clarified that the area of SZ in forest land of 0.762 Ha which is outside ML area is not required now and this land is proposed for diversion in future expansion.

Further, KML file of the safety zone in forest area of 0.615 ha in proposed balance forest land (20.383 ha including 0.615 Ha SZ) is also provided in the **Pen-drive**.

***Observation (iv)-: KML file of the safety zone 0.615 may be uploaded on portal.***

**Compliance-:** The RCCF, Angul Circle has reported that the KML file of the safety zone area of 0.615 is uploaded on the portal. However, KML files of the total safety zone forest area of 6.648 Ha (6.033 ha SZ against already diverted forest land of 112.521 ha and 0.615 ha. SZ Forest land in proposed balance forest land of 20.383 Ha) are provided in the **pen-drive**.

***Observation (v)-: The KML file of 112.521 ha forest land which has been diverted earlier is required for detailed analysis of the proposal.***

**Compliance-** The RCCF, Angul Circle has reported that the User Agency has submitted the KML file of 112.521 ha forest land which was diverted earlier in 2004 and provided in a **pen-drive**. Since, the already diverted forest land of 112.521 Ha is mined out; the KML files are created using geo-referenced cadastral revenue plans, forest plans, working plans & shape file of RFs etc.

**Observation (vi)-:** *State Government may provide the present status of compensatory afforestation raised and maintained over 225.042 ha of degraded forest land. Shape/KML files of the compensatory afforestation site also be submitted.*

**Compliance-** The RCCF, Angul Circle has reported that the Compensatory Afforestation (CA) raised and maintained over 225.042 ha of degraded forest land in Durgapur R.F under Chhendipada Range of Angul Division.

The details of fund deposited are as follows:

Cost of Compensatory Afforestation Scheme: Rs 32,53,159.00 vide DD/Check No. 17707 dated 09.05.2003.

The C.A has been taken up over 225.042 ha. during the year 2004-05 to 2008-09 and an amount of Rs. 21,98,656/- has been spent for this purpose and mostly Teak plantation was done. The survival percentage of plantation is approximately 50%. The detail of expenditure is enclosed as **Annexure-1** and the KML file of 225.042 ha of CA land is provided in **pen-drive**.

**Observation (vii)-:** *In this proposal 20.383 ha land is required to be diverted including 0.615 ha safety zone. Area for CA has provided 47.385 ha @ 500 plants per hectare. As per the provisions minimum 1000 plant per hectare have to be planted. The state may provide the details that how to accommodate the balance seedlings.*

**Compliance-:** The RCCF, Angul Circle has reported that as per the notified guidelines issued by the Ministry, provision has been made to plant @1000 plants per Ha of diverted land i.e. **26.416** ha (balance forest land 20.383 including SZ of 0.615 ha and 6.033 ha SZ against already diverted forest land over 112.521 ha.) However, Para 2.8 of Chapter-2 of Handbook of FC Act guidelines issued by the Ministry has been deleted and further; it has been clarified by the Regional Empowered Committee in its 77<sup>th</sup> REC meeting of IRO Bhubaneswar dated 19.10.2022 that it is decided to consider the cutoff date of deletion of provision under Para 2.8(ii) of hand book of FC Act, 1980 as 16.10.2019 for all the proposals. Copy of clarification on applicability of Para 2.8(ii) of hand book of FC Act, 1980 guidelines by REC Bhubaneswar is enclosed as **Annexure- 2K**.

In view of the above clarification, as per the consolidated guidelines and clarification on Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980, Van (Sarankshan Evam Samvardhan) , Rules,2023 in Chapter 7.9 (vi) issued by the Govt. of India, MoEF & CC vide letter dated 29<sup>th</sup>

December,2023 , the CA on degraded **revenue forest** land has been identified in more than double to the extent of proposed forest land to be diverted i.e. 62.725 ha. So, instead of 26416 plants (@1000\* 26.416 ha) that are supposed to be planted; now 31363 plants (@500\*62.725 ha.) will be planted over 62.725 ha. of degraded revenue forest land as per the CA scheme. Accordingly, area for CA has been provided in 62.725 ha @ 500 plants per hectare for total 31363 plants. The details of the newly approved CA scheme are enclosed as **Annexure-7**.

**Observation (viii)-:** *Whether any family is residing on the proposed forest land i.e. on 20.383 ha of forest land. If yes, then new R&R plan as per the RFCTLARR Act, 2013 is required.*

**Compliance-:** The RCCF, Angul Circle has reported that the User Agency has intimated that no families are residing on the proposed forest land to be diverted and hence, new R&R plan as per the RFCTLARR Act, 2013 is not required.

**Observation (ix)-:** *Cost-Benefit ratio has been estimated to be 1:381.836 which seems to be on higher side. It seems estimation of cost and benefit components has not been done properly. The analysis needs to be re-estimated by accounting CB parameters appropriately.*

**Compliance-:** The RCCF, Angul Circle has reported that the User Agency has submitted that Cost benefit Analysis (CBA) has been reviewed and revised accordingly considering the CB parameters. DFO, Angul has calculated the cost of the forest proposed for diversion is Rs.5621.85327 lakh. Similarly, the user agency has estimated the benefit of the forest diversion to the tune of Rs.415469.01868 lakh. The Cost-Benefit ration comes to 1:73.902. Revised CBA is enclosed as

**Annexure-3**

**Observation (x)-:** *There is a discrepancy in the land use pattern given by the State and given in approved mining plan. As per the revised mining plan (revision 2 column) the forest land is 126.191 ha and as per the State Gov. forwarding letter it is 125.576. Similarly, Safety zone total area is 6.163 and as per the forwarding letter it is 6.778. Their needs clarification.*

**Compliance-:** The RCCF, Angul Circle has reported that the User Agency i.e. G.M. Jagannath Area has intimated that as per the revised Mining Plan Revision- 2, the land required in Chapter 6, forest land required under quarry excavation is 125.576 Ha and the area for 7.5 m safety zone is 0.615 Ha. i.e. (125.576 Ha+0.615 Ha= 126.191 ha). The component wise break-up of Form-A Part-I submitted by User Agency, it has been mentioned that out of 20.383 ha, 19.768 Ha is for quarry excavation and 0.615 Ha has been earmarked for safety zone.

Component wise breakup		
Sl No	Component	Forest Land (ha.)
1	Quarry Excavation Area	19.768
2	Safety Zone Area	0.615
	<b>Total</b>	<b>20.383 Ha</b>

Further, State Govt. in its forwarding letter has reproduced the same, i.e. as per details mentioned in Form-A Part -I. Similarly, Safety zone total area is 6.778 that includes 0.615 Ha (i.e. **safety zone in non-forest 6.163 + forest 0.615 Ha = 6.778 Ha**) and same has been recommended in forwarding letter. Hence, it is submitted that there is no discrepancy in the land use pattern.

The details of breakup of land use pattern are mentioned below.

Items		Proposed MP&MCP of Bhubaneswari OCP (30 Mty), Revision-2		
Sl No	Particulars (ML-mining lease)	Total Area in ha		
		Forest	Non forest	Total
1	Quarry Excavation	125.576	488.531	614.107
2	<b>Safety zone</b>	<b>0.615</b>	<b>6.163</b>	<b>6.778</b>
3	Infrastructure (CHP, Washery, Silo point, Project office, laying of railway lines for dispatch point) & Future working expansion Area**	6.713	18.606	25.319
4	Embankment	NIL	12.52	12.52
<b>A.</b>	<b>Total ML area</b>	<b>132.904</b>	<b>525.820</b>	<b>658.724</b>

Accordingly, the User Agency has submitted corrigendum to mining plan Revision-2 approved by the MCL Board dated 23.09.23 enclosed as **Annexure-4**.

***Observation (xi):- In this proposal the UA has deposited the amount of CA levied after the S-II approval. All details of the funds deposited in the erstwhile Ad-hoc CAMPA may provide in the prescribed format for conformation.***

***Compliance:-*** The RCCF, Angul Circle has reported that the user agency has intimated that an amount of Rs 32,53,159.00 has been deposited vide DD/Check No. 17707 dated 09.05.2003 towards Cost of Compensatory Afforestation. The details of fund deposited in the erstwhile Ad-hoc CAMPA is provided in the prescribed format as **Annexure-5** duly countersigned by the DFO, Angul Division.

***Observation (xii):- This is the second revision of the Mining Plan; therefore, the State Government is requested to provide the copy of the earlier approved mining plans and details of the changes made in the mining plans.***

***Compliance:-*** The RCCF, Angul Circle has reported that the user agency has submitted that the Mining Plan (Revision-1) was prepared for 28 MTPA capacity in the ML area of 638.341 Ha (including 112.521 Ha Forest land which is already diverted). The Mining Plan (Revision -2) was prepared for 30 MTPA capacity in an ML area of 658.724 Ha (including 112.521 Ha Forest land



which is already diverted and 20.383 Ha for which proposal for diversion has been submitted). Out of 20.383 Ha of Forest land, 19.768 ha is taken under Quarry Excavation area and 0.615 Ha is kept as safety zone area. Accordingly, the User Agency has submitted corrigendum to mining plan Revision-2 approved by the MCL Board dated 23.09.23 enclosed as **Annexure-4**. The details of the changes made in the mining plans are as mentioned below:

Items		MP&MCP of Bhubaneswari (28 Mty), Revision-1			Proposed MP&MCP of Bhubaneswari (30 Mty), Revision-2		
Sl No	Particulars (ML-mining lease)	Total Area in ha			Total Area in ha		
		Forest	Non- forest	Total	Forest	Non forest	Total
1	Quarry Excavation	105.808	477.944	583.752	<i>125.576*</i>	<i>488.531**</i>	614.107
2	Safety zone	-	5.747	5.747	<b>0.615</b>	<i>6.163**</i>	<b>6.778</b>
3	Infrastructure (CHP, Washery, Silo point, Project office, laying of railway lines for dispatch point) & Future working expansion Area**	6.713	29.609	36.322	6.713	18.606	25.319
4	Embankment	NIL	12.52	12.52	NIL	12.52	12.52
<b>A.</b>	<b>Total ML area</b>	<b>112.521</b>	<b>525.820</b>	<b>638.341</b>	<b>132.904</b>	<b>525.820</b>	<b>658.724</b>

The Mining Plan approved for 28 Mty (Revision-1) on 243<sup>rd</sup> Board meeting of MCL held on 20.1.2022 and the Mining Plan for 30Mty(Revision-2) approved on 246<sup>th</sup> Board meeting of MCL held on 25.04.2022 are enclosed separately in two volumes to this compliance enclosed as **Annexure-6**.

**Others:- Revised Compensatory Afforestation Scheme**

MoEF &CC, GoI in its observation No. (ii) dt. 04.07.2023 has opined to include the safety zone area of the already Stage-II approved area of 2004 in the present proposed safety zone area of 20.383 ha for diversion. The total Forest area of diversion will be 26.416 ha including 6.648 ha as safety zone. It was required to revise the CA scheme.

The compensatory afforestation land has been identified over degraded revenue forest land in Karnapur village of Gobara R.I circle under Talcher Tahasil of Talcher Range in Angul Forest Division of Angul District. Area identified for compensatory afforestation is more than twice the forest land proposed for diversion as per the prevailing guidelines of the Ministry, GoI. Collector, Angul vide L. No 600 dt.09.05.2024 addressed to the Divisional forest officer, Angul has allotted Revenue Forest land over 62.725 ha for the purpose of CA plantation in favour of Bhubaneswar

OCP in village Karnapur under Talcher Tahasil of Angul District. Joint verification to the identified degraded revenue forest land in village Karnapur has been done by R.I, Gobara and Forester, Dera section. The joint verification has duly signed by the Tahsildar, Talcher and Range Officer. All statutory certificates required in respect of identified CA land have been furnished in the joint verification report. Tahasildar, Talcher vide his office L. No. 2384 dt. 08.06.2022 has provided the land schedule and encroachment free certificate in respect of the identified degraded revenue forest land. Land suitability certificate has been provided by the DFO, Angul. The details of the revenue forest land identified are furnished below.

Sl No	Tahasil	R.I Circle	Village	Khat a No.	Plot No.	Kissam	Total area in Ac.	Required area in Ac	Remarks
1	Talcher	Gobara	Karnapur	500	8	Jungle	83.68	37.00	suitable
2	Talcher	Gobara	Karnapur	498	1	Jungle-II	70.00	70.00	suitable
3	Talcher	Gobara	Karnapur	498	2	Jungle-II	48.00	48.00	suitable
<b>Total</b>							<b>201.68</b>	<b>155.00Ac/ 62.725 ha</b>	

The CA scheme has been prepared by DFO, Angul as per the site requirement following the guidelines issued on 08.11.2021 from office of the PCCF & HoFF, Odisha on one time Cost-norm matrix 2024-2025. The identified area has been surveyed by DGPS and the area was demarcated with RCC pillars of size 1.75 m x 30cm x 30cm size. This work has been done by the project proponent at the project cost. Identified CA land on Survey of India Topo Sheet No.45T1 has been shown and enclosed to the CA scheme. DGPS map of CA land prepared by ORSAC on village Karnapur sheet No.-1 and Sheet No.-2 are enclosed to the CA scheme. A calendar of operations of different planting activities has been prepared by the DFO, Angul. It is proposed to plant 500 plants per ha in ANR mode over the entire identified revenue forest land over 62.725 ha with 10 years maintenance. Chain link fencing has been suggested as per the actual requirement. Total 3300 Rmt of chain link fencing is proposed in the prepared CA scheme. Watering provision aided by solar system fitted with bore well fitted with drip system has been provided. Besides this, Soil and moisture conservation activities have been provided separately as per approved cost norm. The species proposed for plantation are Neem (*Azadirachta indica*), Mai (*Lannea coromondolica*), Sissoo (*Dalbergia sissoo*), Jack fruit (*Artocarpus heterophyllus*), Chakunda (*Cassia siamea*), Karanja (*Pongamia pinnata*), Sirisa (*Albizia lebbek*), Bija (*Pterocarpus marsupium*), Asan (*Terminalia tomentosa*), Dhaura (*Anogeissus latifolia*), Kurum (*Adina cordifolia*), Salia Bamboo (*Dendrocalamus strictus*), Harida (*Terminalia chebula*), Amla (*Emblica officinalis*), Bahada

(*Terminalia belerica*), Gambhari (*Gmelina arborea*), Amba (*Mangifera indica*) and Khair (*Acacia catechu*) etc. The KML file of newly identified CA land has been provided in pen drive enclosed to the compliance. DSS analysis to the identified CA land has been done in this office. It was revealed that the identified 63.0 ha lands in sheet No.-1 and in sheet No.-2 over 03 patches of Village Karnapur is Non-forest land. The copy of the DSS analysis is enclosed in the CA scheme. The CA scheme has been approved by the PCCF (Nodal) for Rs.2,75,34,400/-.the copy of the approval of CA scheme is also enclosed to the CA scheme. The new approved CA scheme may be replaced in place of earlier submitted one. The CA scheme is enclosed as **Annexure-7** to the compliance.

In view of the above, the compliance to the observations dated 04.07.2023 of the GoI, MoEF & CC (FC Division), New Delhi is sent herewith for favour of kind information and necessary action.

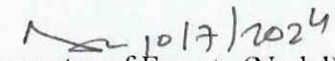
**Encl: Compliance in one set**

Yours faithfully

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

Memo No. 13761 /Dt. 12-07-2024

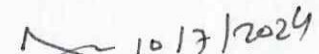
Copy forwarded to the Dy. Director General of Forests (Central), MoEF & CC, Regional Office, Bhubaneswar for favour of kind information and necessary action with reference to Letter No. 8-18/2002-FC(Vol) dated 04.07.2023 of Deputy Inspector General of Forests, GoI, MoEF & CC (FC Division), New Delhi.

  
Chief Conservator of Forests (Nodal)

Memo No. 13762 /Dt. 12-07-2024

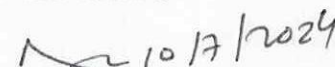
Copy along with the compliance report forwarded to the Additional Chief Secretary to Government, Forest, Environment & Climate Change Department, Odisha, Bhubaneswar for information and necessary action with reference to Letter No. 8-18/2002-FC(Vol) dated 04.07.2023 of Deputy Inspector General of Forests, GoI, MoEF & CC (FC Division), New Delhi and Memo No. 15081/FE&CC dated 18.07.2023 of the OSD-cum-Special Secretary to Government, FE&CC Department.

**Encl: Compliance in one set**

  
Chief Conservator of Forests (Nodal)

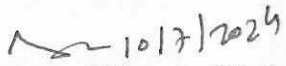
Memo No. 13763 /Dt. 12-07-2024

Copy forwarded to the RCCF, Angul Circle for information and necessary action with reference to his Memo No. 1275 dated 06.04.2024 and Memo No. 2055 dt. 13.06.2024.

  
Chief Conservator of Forests (Nodal)

Memo No. 13764 /Dt. 12-07-2024

Copy forwarded to the Divisional Forest Officer, Angul Forest Division for information and necessary action with reference to Memo No. 1276 dated 06.04.2024 and memo No. 2056 dt. 13.06.2024 of RCCF, Angul Circle.

  
Chief Conservator of Forests (Nodal)

Memo No. 13765 /Dt. 12-07-2024

Copy forwarded to the General Manager, Mahanadi Coal Fields Ltd., Bhubaneswari Area, Deracolliery, Talcher, Dist-Angul, Odisha, Pin-759103 for information and necessary action with reference to letter No. 8-18/2002-FC(Vol) dated 04.07.2023 of Deputy Inspector General of Forests, GoI, MoEF & CC (FC Division), New Delhi and Memo No.15085/FE&CC dated 18.07.2023 of the OSD-cum-Special Secretary to Government, FE&CC Department.

  
Chief Conservator of Forests (Nodal)