



# Rungta Mines Limited

MAIN ROAD, BARBIL - 758 035, DIST. - KENDUJHAR, ODISHA, INDIA  
Telefax : 06767 - 276651, E-mail : bbloffice@rungtamines.com

Ref: RML/BBL/GEO/2024-25/96

Dated: 28.06.2024.

To,

**The Divisional Forest Officer,**  
Bonai Forest Division, Bonai,  
Dist.: Sundargarh, Odisha.

Sub: Submission of compliance of conditions stipulated in Stage-I approval letter of MoEF&CC, Govt. of India vide F.No.5-ORB589/2023-BHU dated 22.12.2023 for diversion of 3.104 ha. of forest land for construction of 11 KV overhead transmission line from Jaldihi village to Jumka Pathiriposhi Pahar Iron Ore Block of M/s Rungta Mines Ltd. under Bonai Forest Division in Sundargarh District, Odisha.

Sir,

With reference to the subject cited above, we are submitting herewith the compliance report in respect of conditions stipulated in Stage-I approval letter of MoEF&CC, Govt. of India vide F.No.5-ORB589/2023-BHU dt.22.12.2023 for diversion of 3.104 ha. of forest land for construction of 11 KV overhead transmission line from Jaldihi village to Jumka Pathiriposhi Pahar Iron Ore Block of M/s Rungta Mines Ltd. in Sundargarh District, Odisha, in Five (5) sets.

We request your good self to kindly take necessary action for Stage-II (Final) forest clearance of our aforesaid project.

An early action in the matter is highly solicited.

Thanking you,

Yours faithfully,

**For Rungta Mines Limited**

**Director**

Encl.: As above.

Received  
@Kishan  
29.6.24



**11 KV OVER HEAD TRANSMISSION LINE**

**PROPOSAL NO : FP/OR/TRANS/ 156567/2022**

**COMPLIANCE  
TO**

**THE CONDITIONS STIPULATED  
IN STAGE-I APPROVAL LETTER OF  
MINISTRY OF ENVIRONMENT, FOREST &  
CLIMATE CHANGE, REGIONAL OFFICE ,  
BHUBANESWAR , Govt. OF INDIA VIDE  
F.NO 5ORB589/2023-BHU , DATED  
22.12.2023**

**FOR  
DIVERSION OF 3.104 HA FOREST LAND  
FOR CONSTRUCTION OF 11 KV OVER  
HEAD TRANSMISSION LINE FROM  
JALDIHI VILAGE TO JUMKA-  
PATHIRIPOSHI PAHAR IRON ORE BLOCK  
OF BONAI FOREST DIVISION OF  
SUNDARGARH DISTRICT, ODISHA.**

**SUBMITTED BY**

**M/S. RUNGTA MINES LTD.  
BARBIL, DIST.-KEONJHAR, ODISHA**



Compliance to the Conditions stipulated in Stage-I approval letter of Ministry of Environment, Forest & Climate Change, Integrated Regional Office, Bhubaneswar, vide F. No 5-ORB589/2023-BHU dated 22.12.2023 for diversion of 3.104 Ha of forest land for construction of 11 KV Over head transmission line from Jaldihi village to Jumka-Pathiriposhi Pahar Iron Ore Block under Bonai Forest Division of Sundargarh District, Odisha by M/s Rungta Mines Limited.

[Proposal No.- FP/OR/TRANS/156567/2022]

**2. A. Conditions which need to be complied prior to handing over of forest land by the State Forest Department .**

| Sl. No. | Conditions  | Compliance  |
|---------|---|---|
| i)      | The user agency shall transfer online, the Net Present Value (NPV) of 3.104 Ha forest land being diverted under this proposal, as per the Orders of 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. 5-3/2011-FC (Vol-I) dated 06.01.2022 and 19.01.2022. The requisite funds shall be transferred through online portal in CAMPA account of the State concerned. | As per the demand raised by the Divisional Forest Officer, Bonai, vide his letter no.10116/6F(Mg) dated 29.12.2023, the user agency has deposited an amount of Rs. <b>44,59,424</b> /- towards Net Present Value (NPV) over 3.104 ha. of forest land through RTGS (UTR No-CNRBR52024011671801423) dated 16.01.2024 in State CAMPA fund. Copy of the RTGS slip is enclosed as <b>Annexure-2.</b>   |
| ii)     | The identified non-forest land for raising compensatory afforestation shall be transferred and mutated in the name of Forest Department and notified as RF/PF prior to Stage-II approval.   | The non-forest land over 5.00 Ha identified for compensatory afforestation in village Talabarada under Banspal Tahasil of Keonjhar District has already been mutated and transferred in favour of the Forest Dept. Copy of RoR is enclosed as <b>Annexure-3.</b><br>Regarding PF notification of the said land over 5.00 ha. the D.F.O, Keonjhar vide his letter no.4948, dtd.25.06.2024 has sent the draft PF notification to the PCCF (Nodal) for declaration of PF notification by the Government. |
| iii)    | The land identified for the purpose of Compensatory Afforestation shall be clearly depicted on a Survey of India Topo sheet of 1: 50,000 scale.   | The non-forest land over 5.00 Ha in village Talabarada under Banspal Tehsil identified for compensatory afforestation has been clearly depicted on survey of India topo sheets (Topo sheet No F45N1/73G/1)  |

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|      |  | at 1:50,000 scale and certified by the competent authority.   |
| iv)  | The KML files of the area to be diverted and the CA areas shall be uploaded on the e-Green watch portal with all requisite details before issuing working permission towards linear project or submitting compliance report for seeking Stage-II approval, as the case may be.   | The KML files of the area to be diverted and the CA areas are provided.<br>KML files are enclosed as (CD Form).<br><b>Annexure-4.</b>   |
| v)   | 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 CAMPA of the concerned State through online portal. The Scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years. | Non-forest land over 5.00 Ha. for Compensatory afforestation has been identified in village Talabarada under Banspal Tehsil of Keonjhar Forest Division.<br>As per the demand raised by DFO, Keonjhar on dated 29.12.2023, the user agency has deposited an amount of Rs. <b>34,32,500/-</b> through RTGS (UTR No-CNRBR52024012072139463) dated 20.01.2024 in State CAMPA fund for compensatory afforestation. Copy of the RTGS slip enclosed as <b>Annexure-5.</b><br>As per the approved scheme the CA will be maintained for 20 years and the schemes also include appropriate provision for anticipated cost increase for works scheduled for subsequent years. |
| vi)  | The user agency in consultation with the State Forest Department shall prepare a detailed scheme for creation and maintenance of plantation of dwarf species (preferably medicinal species) in right of way under the transmission line and provide funds for execution of the said scheme by the State Forest Department.   | A scheme for plantation of Dwarf species in right of way under the transmission line has been technically approved by RCCF, Rourkela with a total financial outlay of Rs <b>20,69,200</b> /- .As per the demand raised by DFO, Bonai on dated 26.02.2024 the User agency has deposited an amount of Rs. 20,69,200 /- through RTGS (UTR No-CNRBR52024030475165847) on dated 04.03.2024 in State CAMPA fund for execution of the said scheme by the State Forest Department.<br>Copy of the RTGS slip is enclosed as <b>Annexure-6.</b>   |
| vii) | As recommended by the State Govt. a site Specific Wildlife Conservation Plan shall be prepared and duly approved   | The instant proposal is for a linear project associated with Jumka-Pathiriposhi Pahar Iron Ore Block  |

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|       | by CWLW, Odisha and implemented at project cost.   | to be along with approach road from Belkudar to Jumka Mines.<br>The composite Site specific Wild life conservation plan in respect of Jumka-Pathiriposhi Pahar Iron Ore Block including the proposals of 11KV transmission line and approach road for ore transportation addressing the long term mitigating strategy plan and monitoring mechanism with respect to wild animals and specially Human-Elephant conflict (HEC) in the region has been approved by the PCCF (Wildlife) and CWLW for a financial outlay of Rs. <b>9,04,44,000/-</b> (Rupees Nine Crore Four lakh Forty Four Thousand only) for implementation of activities in the Zone of influence (ZOI). This financial outlay incudes [(Bonai division - (Rs.715.80lakh+Rs.29.04 lakh) and Keonjhar division-159.60lakh). The user agency as per the demand received from the DFO, Bonai vide his letter no.4364 dated 03.05.2024 has deposited an amount of Rs.9,04,44,000/- through RTGS (UTR. NO.CNRBR52024050879953412) dated 08.05.2024 in the state CAMPA Fund. Copy of the RTGS slip and the revised approved SSWLCP is enclosed as <b>Annexure-7A &amp; 7B.</b> |
| viii) | The user agency shall pay for the Regional Wildlife Management Plan approved by the State Govt. covering the entire mining belt of Bonai and Keonjhar Forest Division as per the prescribed cost norm. | As per the demand raised by the Divisional Forest Officer, Bonai, vide his letter no.881/6F(Mg) dated 03.02.2024, the user agency has deposited an amount of Rs. <b>3,20,022</b> /- towards the Regional Wildlife Management Plan (RWLMP) over 3.104 ha. of forest land through RTGS (UTR No-CNRBR52024020773324682) dated 07.02.2024 in State CAMPA fund. Copy of the RTGS slip is enclosed as <b>Annexure-8.</b><br>All the funds under the project have been deposited in CAMPA account through e-portal as detailed below.  |
| ix)   | All the funds received from the user   | The user agency has deposited an  |

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|    | <p>agency under the project shall be transferred/deposited in CAMPA account only through e-portal (<a href="https://parivesh.nic.in/">https://parivesh.nic.in/</a>). Amount deposited through other mode will not be accepted as compliance of the Stage-I clearance.</p> | <p>amount of Rs. <b>44,59,424</b> /- deposited Net Present Value (NPV) Copy of the RTGS slip is enclosed as <b>Annexure-8/A</b>. Amount of Rs. <b>34,32,500</b>/- has been deposited through RTGS dated 20.01.2024 in State CAMPA fund for compensatory afforestation (CA). Copy of the RTGS slip are enclosed as <b>Annexure-8/B</b>.</p> <p>Further the User agency has deposited an amount of Rs. <b>20,69,200</b> /- through RTGS on dated 04.03.2024 in State CAMPA fund for plantation of Dwarf species in right of way under the transmission line for execution of the said scheme by the State Forest Department.</p> <p>As per the demand received from the DFO, Bonai vide his letter no.4364 dated 03.05.2024 user agency has deposited an amount of Rs. <b>9,04,44,000</b>/- through RTGS (UTR. NO.CNRBR52024050879953412) dated 08.05.2024 in the state CAMPA Fund in respect of composite approved Site Specific Wildlife Conservation plan for Jumka - Pathiriposhi Pahar Iron ore Block, 11KV overhead transmission line from Jaldihi village to Jumka Mines and Construction of approach road from Jumka mines to existing Koira Belkudar Patmunda road . Copy of the RTGS is enclosed as <b>Annexure-8/C</b>.</p> <p>As per the demand raised by the Divisional Forest Officer, Bonai, on dated 03.02.2024, the user agency has deposited an amount of Rs. <b>3,20,022</b> /- towards the Regional Wildlife Management Plan (RWLMP) over 3.104 ha. of forest land through RTGS on dated 07.02.2024 in State CAMPA fund. Copy of the RTGS slip is enclosed as <b>Annexure-8/D</b>.</p> |
| x) | <p>The compliance report of the Stage-I approval shall be uploaded on e-portal (<a href="https://parivesh.nic.in/">https://parivesh.nic.in/</a>).</p>   | <p>The user agency will abide by the condition.<br/>An undertaking to this effect is</p>   |

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|             |   | enclosed as <b>Annexure-1.</b>   |
| <b>xi)</b>  | The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificates from the concerned District Collector.  | The Collector, Sundargarh district has issued the required certificate under Forest Right Act, 2006 in prescribed format (Form-I) for diversion of 3.104 Ha forest land vide letter no-1208/ITDA(FRA) on dated 24.04.2023. Copy of FRA certificate is enclosed as <b>Annexure-9.</b> |
| <b>xii)</b> | The boundary of the proposed forest land for diversion, shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates. | The boundary of the proposed forest land for diversion, has been demarcated on ground by erecting 4 feet high reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates.  |

**2. B: Conditions which need to be strictly complied on field after handing over of forest land to the user agency by the State Forest Department but the compliance in form of undertaking shall be submitted prior to Stage-II approval.**

| <b>Sl. No.</b> | <b>Conditions</b>  | <b>Compliance</b>  |
|----------------|--|--|
| <b>i)</b>      | Legal status of forest land proposed for diversion shall remain unchanged  | Legal status of the diverted forest land shall remain unchanged.<br>An undertaking to this effect is enclosed as <b>Annexure-1.</b>  |
| <b>ii)</b>     | Compensatory afforestation shall be raised over 5.00 ha of non forest Govt. land in plot No.7(P) & 9(P), Khata No.24 Kisam Parbat -I of village Talabarada under Banspal Tahasil of Keonjhar District of Keonjhar Forest Division within two years from the date of Stage-II Clearance and maintained thereafter by the State Forest Department, at the cost of user agency. The species to be planted in the CA scheme shall be of native species of the area. At least 18 month old seedlings should be planted. Intensive monitoring of the plantation needs to be done and documented using Geo tagging so that the increase of canopy density and | Non-forest land over 5.00 Ha. for Compensatory afforestation has been identified in village Talabarada under Banspal Tehsil of Keonjhar Forest Division.<br>As per approved schemes it has been proposed to take up AR model@1600 and @1000 seedlings over 5.00 Ha with soil moisture conservation measures over 5.00 Ha with 20 years maintenance along with provision of Angle Iron and Chain Link fencing around the plantation area with a total financial outlay of Rs. <b>34,32,500 /-.</b> The indigenous species selected for plantation are as follows.<br>1) <i>Syzgium cumini</i> (Jamu)<br>2) <i>Azadirachta indica</i> (Neem) |

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|       | survival and growth of plantation can be evaluated at regular intervals.  | 3) <i>Emblica officinalis</i> (Amla)<br>4) <i>Adina cardifolia</i> (Kuruma)<br>5) <i>Dalbergia sissoo</i> (Sisoo)<br>6) <i>Artocarpus integrifolia</i> (Panasa), etc.<br>The approved CA scheme will be implemented and maintained by Divisional Forest Office, Keonjhar Forest Division.<br>Copy of the approved scheme is attached as <b>Annexure-10</b> . |
| iii)  | At the time of payment of 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.   | The user agency will abide by the condition.<br>An undertaking to this effect is enclosed as <b>Annexure-1</b> .   |
| iv)   | The base of towers in forest area to be fenced with barbed wire to avoid elephant electrocution/death of wild animals especially in forest areas. The concerned DFO shall inspect the area and shall take a decision as to the specific towers which shall be along with the leg of the towers.   | The user agency will abide by the condition.<br>An undertaking to this effect is enclosed as <b>Annexure-1</b> .   |
| v)    | In hilly slope areas, sufficient ground clearance has to be maintained with additional height of towers in consideration of the sag and swing of lines and height of elephants to stop untoward incidence of electrocution as per existing guidelines of MoEF&CC dated 05.05.2014 and 19.11.2014. | The user agency will abide by the condition.<br>An undertaking to this effect is enclosed as <b>Annexure-1</b> .   |
| vi)   | The user agency at its cost shall provide bird deflectors, which are to be fixed on upper conductor of transmission line at suitable intervals to avoid bird hits.  | The user agency will abide by the condition.<br>An undertaking to this effect is enclosed as <b>Annexure-1</b> .   |
| vii)  | The user agency shall explore the possibility of successful transplantation of maximum number of trees identified to be felled and shall ensure that any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department.             | The user agency will abide by the condition.<br>An undertaking to this effect is enclosed as <b>Annexure-1</b> .   |
| viii) | The user agency shall comply with the guidelines for laying transmission lines  | The user agency will abide by the condition.   |

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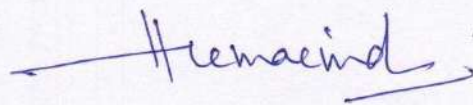
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|       | through forest areas issued by Ministry vide letter No.7-25/2012-FC dated 05.05.2014 and 19.11.2014.  | An undertaking to this effect is enclosed as <b>Annexure-1.</b>   |
| ix)   | The user agency shall obtain Environment Clearance as per the provisions of the Environmental (Protection) Act, 1980, if applicable.  | As per EIA Notification dated 14.09.2006 Environmental Clearance is not required for this project.              |
| x)    | No labour camp shall be established on the forest land and the user agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas. | The user agency will abide by the condition.<br>An undertaking to this effect is enclosed as <b>Annexure-1.</b> |
| xi)   | No additional or new path will be constructed inside the forest area for any activity related to the project work.  | The user agency will abide by the condition.<br>An undertaking to this effect is enclosed as <b>Annexure-1.</b> |
| xii)  | The user agency while executing works, shall not fell any tree or damage forest growth in the surrounding forest area in any manner.  | The user agency will abide by the condition.<br>An undertaking to this effect is enclosed as <b>Annexure-1.</b> |
| xiii) | The layout plan of the proposed forest land shall not be changed without the prior approval of Ministry of Environment, Forest & Climate Change.  | The user agency will abide by the condition.<br>An undertaking to this effect is enclosed as <b>Annexure-1.</b> |
| xiv)  | The forest land shall not be used for any purpose other than that specified in the proposal.  | The user agency will abide by the condition.<br>An undertaking to this effect is enclosed as <b>Annexure-1.</b> |
| xv)   | The forest land proposed to be diverted shall under no circumstances be transferred to any other user agency, department or person without the prior approval of Ministry of Environment, Forest & Climate Change.                              | The user agency will abide by the condition.<br>An undertaking to this effect is enclosed as <b>Annexure-1.</b> |
| xvi)  | No damage to the flora and fauna of the adjoining area shall be caused.   | The user agency will abide by the condition.<br>An undertaking to this effect is enclosed as <b>Annexure-1.</b> |
| xvii) | The concerned Divisional Forest Officer, will monitor and take necessary mitigative measures to ensure that there is no adverse impact on the forests in the surrounding area.  | The user agency will co-operate with the Forest Department for necessary compliance.                            |

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| <b>xviii)</b> | The user agency shall submit annual self monitoring report on compliance of stipulated conditions to the Nodal Officer (FCA) of the State and concerned Integrated Regional Office of this Ministry by the end of March every year.  | The user agency will abide by the condition.<br>An undertaking to this effect is enclosed as <b>Annexure-1</b> . |
| <b>xix)</b>   | Any other conditions that the Ministry of Environment, Forests & Climate Change may impose from time to time in the interest of afforestation, conservation and management of flora and fauna in the area , shall be complied by the user agency.  | The user agency will abide by the condition.<br>An undertaking to this effect is enclosed as <b>Annexure-1</b> . |
| <b>xx)</b>    | The State Govt. and user agency shall ensure compliance to provisions of the all Acts, Rules, Regulations, Guidelines, NGT Order (s) & Hon'ble Court Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project.  | The user agency will abide by the condition.<br>An undertaking to this effect is enclosed as <b>Annexure-1</b> . |
| <b>xxi)</b>   | Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as prescribed in Para 1.21 of Chapter I of the Handbook of comprehensive guidelines of Forest (Conservation) Act, 1980 as issued by this Ministry's letter No.5-2/2017-FC dated 28.03.2019. | The user agency will abide by the condition.<br>An undertaking to this effect is enclosed as <b>Annexure-1</b> . |

**For Rungta Mines Limited**



**Authorised Signatory**





# Rungta Mines Limited

MAIN ROAD, BARBIL - 758 035, DIST. - KENDUJHAR, ODISHA, INDIA  
Telefax : 06767 - 276651, E-mail : bbloffice@runtamines.com

ANNEXURE- 1

## UNDERTAKING

### Condition No.2:A (x)

We do hereby undertake that the stage-I compliance report will be uploaded on e-portal (<https://parivesh.nic.in>) of MoEF & CC, Govt. of India.

### Condition No.2:B (i)

We do hereby undertake that the legal status of the diverted forest land shall remain unchanged.

### Condition No.2:B (iii)

We do hereby undertake to pay the additional amount of the NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India.

### Condition No.2:B (iv)

We do hereby undertake to fence the base of towers with barbed wire in forest to avoid elephant electrocution/death of wild animals.

### Condition No.2:B (v)

We do hereby undertake to maintain sufficient ground clearance in hilly slope areas, in consideration of the sag and swing of lines and height of elephants to stop untoward incidence of electrocution as per existing guidelines of MoEF & CC dated 05.05.2014 and 19.11.2014.

### Condition No.2:B (vi)

We do hereby undertake to fix bird deflectors, on upper conductor of transmission line at suitable intervals to avoid bird hits.

### Condition No.2:B (vii)

We do hereby undertake to explore the possibility of successful transplantation of maximum number of trees identified to be felled and shall ensure that any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department.

For Rungta Mines Limited

  
Director





# Rungta Mines Limited

MAIN ROAD, BARBIL - 758 035, DIST. - KENDUJHAR, ODISHA, INDIA  
Telefax : 06767 - 276651, E-mail : bbloffice@rungtamines.com

ANNEXURE-1

## UNDERTAKING

### Condition No.2:B (viii)

We do hereby undertake to comply the guidelines for laying transmission lines through forest areas issued by the Ministry vide letter No.7-25/2012-FC dated 05.05.2014 and 19.11.2014.

### Condition No.2:B (x)

We do hereby undertake that no labour camp shall be established on the forest land and the user agency will 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.

### Condition No.2:B (xi)

We do hereby undertake that no additional or new path will be constructed inside the forest area for any activity related to the project work.

### Condition No.2:B (xii)

We do hereby undertake that during execution of works, the User Agency will not fell any tree or damage forest growth in the surrounding forest area in any manner.

### Condition No.2:B (xiii)

We do hereby undertake that the layout plan of the proposed forest land will not be changed without prior approval of Ministry of Environment, Forest & Climate Change.

### Condition No.2:B (xiv)

We do hereby undertake that the forest land will not be used for any purpose other than that specified in the proposal.

For Rungta Mines Limited

  
Director





# Rungta Mines Limited

MAIN ROAD, BARBIL - 758 035, DIST. - KENDUJHAR, ODISHA, INDIA  
Telefax : 06767 - 276651, E-mail : bbloffice@rungtamines.com

## ANNEXURE-1

### UNDERTAKING

#### Condition No.2:B (xv)

We do hereby undertake that the forest land proposed to be diverted will not be transferred to any other user agency, department or person without the prior approval of Ministry of Environment, Forest & Climate Change.

#### Condition No.2:B (xvi)

We do hereby undertake that no damage to the flora and fauna of the adjoining area shall be caused by the User Agency.

#### Condition No.2:B (xviii)

We do hereby undertake to submit annual self-monitoring report on compliance of stipulated conditions to the Nodal Officer (FCA) of the State and concerned Integrated Regional Office of MoEF&CC, by the end of March every year.

#### Condition No.2:B (xix)

We do hereby undertake that any other conditions that the Ministry of Environment, Forests & Climate Change may impose from time to time in the interest of afforestation, conservation and management of flora and fauna in the area, will be complied by the User Agency.

#### Condition No.2:B (xx)

We do hereby undertake to comply all the provisions of all the Acts, Rules, Regulations, Guidelines NGT order (s), and Hon'ble Court Order (s) pertaining to this Project, if any, for the time being in force, as would be applicable to the project.

#### Condition No.2:B (xxi)

We do hereby undertake that, we shall ensure compliance to provisions of all Acts, Rules and Regulations as prescribed in Para 1.21 of Chapter-1 of the Handbook of comprehensive guidelines of Forest (Conservation) Act, 1980 as issued by the Ministry's letter No. 5-2/2017-FC dated 28.03.2019.

For Rungta Mines Limited

  
Director



## AGENCY COPY

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## NEFT / RTGS CHALLAN for CAMPA Funds

Date : 16-01-2024

|                  |   |
|------------------|---|
| Agency Name.     | RUNGTA MINES LTD  |
| Application No.  | 64156567008   |
| MoEF/SG File No. | 5-ORB589/2023-BHU   |
| Location.        | ORRISA  |
| Address.         | Rungta Office, Main Road,<br>At/PO: Barbil,<br>OdishaKeonjhar |
| Amount(in Rs)    | 4459424/-   |

Amount in Words :Forty-Four Lakh Fifty-Nine Thousand Four Hundred and Twenty-Four Rupees Only

NEFT/RTGS to be made as per following details;

|                      |  |
|----------------------|--|
| Beneficiary Name:    | ORRISA CAMPA   |
| IFSC Code:           | UBIN0996335  |
| Pay to Account No.   | 1508264156567008<br>Valid only for this<br>challan amount.   |
| Bank Name & Address: | Union Bank Of India<br>FCS Centre, 21/1, III Floor,<br>Jelitta Towers, Mission<br>Road, Bengaluru-560027 |

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

## BANK COPY

यूनियन बैंक Union Bank of India



## NEFT / RTGS CHALLAN for CAMPA Funds

Date : 16-01-2024

|                  |  |
|------------------|--|
| Agency Name.     | RUNGTA MINES LTD   |
| Application No.  | 64156567008  |
| MoEF/SG File No. | 5-ORB589/2023-BHU  |
| Location.        | ORRISA   |
| Address:         | Rungta Office, Main Road,<br>At/PO: Barbil, Odisha<br>Keonjhar |
| Amount(in Rs)    | 4459424/-  |

Amount in Words :Forty-Four Lakh Fifty-Nine Thousand Four Hundred and Twenty-Four Rupees Only

NEFT/RTGS to be made as per following details;

|                      |  |
|----------------------|--|
| Beneficiary Name:    | ORRISA CAMPA   |
| IFSC Code:           | UBIN0996335  |
| Pay to Account No.   | 1508264156567008<br>Valid only for this<br>challan amount.   |
| Bank Name & Address: | Union Bank Of India<br>FCS Centre, 21/1, III Floor,<br>Jelitta Towers, Mission<br>Road, Bengaluru-560027 |

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

**Note:** After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date and reference id to Email: fcsblr@unionbankofindia.bank, epurse@unionbankofindia.bank, ubin0903710@unionbankofindia.bank

RUNGTA MINES LIMITED

  
(Authorised Signatory)

  
(Authorised Signatory)

UTR - CNRBR52024011671801423





## Schedule I Form No.39-A

## ଖତିୟାନ

ମୌଜା : ତଳବରଡ଼ା  
ଥାନା : ନୟାକୋଟ  
ଥାନା ନମ୍ବର : 5

ତହସିଲ : ବାଂଶପାଳ  
ତହସିଲ ନମ୍ବର : 05  
ଜିଲ୍ଲା : କେନ୍ଦୁଝର

|   |      |  |      |   |     |                                |
|---|------|--|------|---|-----|--------------------------------|
| ଜମିଦାରଙ୍କ ନାମ ଓ ଖେତ୍ରାଟ ବା ଖତିୟାନର କ୍ରମିକ ନମ୍ବର |      | ଓଡ଼ିଶା ସରକାର ପ୍ରଥମ ଭାଗ ଖେତ୍ରାଟ ନମ୍ବର 1   |      |   |     |                                |
| 1) ଖତିୟାନର କ୍ରମିକ ନମ୍ବର                         |      | 24/1   |      |   |     |                                |
| 2) ପ୍ରଜାର ନାମ, ପିତାର ନାମ, ଜାତି ଓ ବାସସ୍ଥାନ       |      | ରାଜ୍ୟ ଜଙ୍ଗଲ, ପରିବେଶ ଏବଂ ଜଳବାୟୁ ପରିବର୍ତ୍ତନ ବିଭାଗ, ଓଡ଼ିଶା ।  |      |   |     |                                |
| 3) ସ୍ୱତ୍ୱ                                       |      |  |      |   |     |                                |
|   | ଜଳକର | ଖଜଣା   | ସେସ୍ | ନିସ୍ଥାର ସେସ୍ ଓ ଅନ୍ୟାନ୍ୟ ସେସ୍ ଯଦି କିଛି ଥାଏ | ମୋଟ | 5) କ୍ରମବର୍ଦ୍ଧନଶୀଳ ଖଜଣାର ବିବରଣୀ |
| 4) ଦେୟ :  |      |  |      |   |     |                                |
| 6) ବିଶେଷ ଅନୁସଙ୍ଗ ଯଦି କିଛି ଥାଏ                   |      | Alienation Case No. 17/2023 (ଦା.ଖା କେଶ ନଂ 2195/2023) ହୁ.ମୁ ପ୍ଲଟ ନଂ 10/129 ରକବା ହେ 0.8660, ପ୍ଲଟ ନଂ 11/130 ରକବା ହେ 7.6270, ପ୍ଲଟ ନଂ 12/131 ରକବା ହେ 13.2790, ପ୍ଲଟ ନଂ 13/132 ରକବା ହେ 1.8300, ପ୍ଲଟ ନଂ 36/133 ରକବା ହେ 13.7080, ପ୍ଲଟ ନଂ 40/134 ରକବା ହେ 4.2440, ପ୍ଲଟ ନଂ 41/135 ରକବା ହେ 5.3720, ପ୍ଲଟ ନଂ 42/136 ରକବା ହେ 4.4810, ପ୍ଲଟ ନଂ 43/137 ରକବା ହେ 14.6620, ପ୍ଲଟ ନଂ 45/138 ରକବା ହେ 6.5120, ପ୍ଲଟ ନଂ 68/139 ରକବା ହେ 11.0210 ଖା.ଖା. 24 ରୁ । Alienation Case No. 5/2024 (ଦା.ଖା କେଶ ନଂ 65/2024) ହୁ.ମୁ ପ୍ଲଟ ନଂ 7/140 ରକବା ହେ 3.3860, ପ୍ଲଟ ନଂ 9/141 ରକବା ହେ 1.6140 ଖା.ଖା 24 ରୁ । |      |   |     |                                |
| BLANK SPACE FOR STAMPING                        |      |  |      |   |     |                                |
| ଅନ୍ତିମ ପ୍ରକାଶନ ତାରିଖ - 17/09/1980               |      |  |      |   |     |                                |
| ଖଜଣା ଧାର୍ଯ୍ୟ ତାରିଖ -                            |      |  |      |   |     |                                |



| ଖତିୟାନର କ୍ରମିକ ନଂ : 24/1 |                   | ମୌଜା : ତଳବରଡ଼ା                 |      |      |         | ଜିଲ୍ଲା : କେନ୍ଦୁଝର |
|--------------------------|-------------------|--------------------------------|------|------|---------|-------------------|
| ପ୍ଲଟ ନମ୍ବର ଓ ଚକର ନାମ     | କିସମ ଓ ପ୍ଲଟର ଖଜଣା | କିସମର ବିସ୍ତାରିତ ବିବରଣୀ ଓ ଚୌହଦି | ରକବା |      |         | ମନ୍ତବ୍ୟ           |
|                          |                   |                                | ଏ.   | ଡି.  | ହେକ୍ଟର  |                   |
| 7                        | 8                 | 9                              | 10   | 11   | 12      |                   |
| 10/129                   | ପର୍ବତ ଏକ          |                                | 2    | 1399 | 0.8660  |                   |
| 11/130                   | ପର୍ବତ ଏକ          |                                | 18   | 8460 | 7.6270  |                   |
| 12/131                   | ପର୍ବତ ଏକ          |                                | 32   | 8130 | 13.2790 |                   |
| 13/132                   | ପର୍ବତ ଏକ          |                                | 4    | 5220 | 1.8300  |                   |
| 36/133                   | ପର୍ବତ ଏକ          |                                | 33   | 8730 | 13.7080 |                   |
| 40/134                   | ପର୍ବତ ଏକ          |                                | 10   | 4870 | 4.2440  |                   |
| 41/135                   | ପର୍ବତ ଏକ          |                                | 13   | 2740 | 5.3720  |                   |
| 42/136                   | ପର୍ବତ ଏକ          |                                | 11   | 0720 | 4.4810  |                   |
| 43/137                   | ପର୍ବତ ଏକ          |                                | 36   | 2300 | 14.6620 |                   |
| 45/138                   | ପର୍ବତ ଏକ          |                                | 16   | 0910 | 6.5120  |                   |
| 68/139                   | ପର୍ବତ ଏକ          |                                | 27   | 2330 | 11.0210 |                   |
| 7/140                    | ପର୍ବତ ଏକ          |                                | 8    | 3670 | 3.3860  |                   |
| 9/141                    | ପର୍ବତ ଏକ          |                                | 3    | 9883 | 1.6140  |                   |
| 13 plots                 |                   |                                | 218  | 9362 | 88.6020 |                   |



RML/ 0247257007043

IFSC = CNRB0000247

Annexure - 5

20/01/24

CA - Udg.

**AGENCY COPY**

**यूनियन बैंक ऑफ इंडिया Union Bank of India**

एन सी ई सी एन सी ई सी

**NEFT / RTGS CHALLAN for CAMPA Funds**

Date : 19-01-2024

|                  |  |
|------------------|--|
| Agency Name.     | RUNGTA MINES LTD   |
| Application No.  | 64156567822  |
| MoEF/SG File No. | 5-ORB589/2023-BHU  |
| Location.        | ORRISA   |
| Address.         | Rungta Office, Main Road,<br>At/PO: Barbil,<br>Odisha Keonjhar |
| Amount(in Rs)    | 3432500/-  |

Amount in Words : Thirty-Four Lakh Thirty-Two Thousand Five Hundred Rupees Only

**NEFT/RTGS to be made as per following details;**

|                      |  |
|----------------------|--|
| Beneficiary Name:    | ORRISA CAMPA   |
| IFSC Code:           | UBIN0996335  |
| Pay to Account No.   | 1508264156567822<br><i>Valid only for this challan amount.</i>   |
| Bank Name & Address: | Union Bank Of India<br>FCS Centre, 21/1, III Floor,<br>Jelitta Towers, Mission<br>Road, Bengaluru-560027 |

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

**BANK COPY**

**यूनियन बैंक ऑफ इंडिया Union Bank of India**

एन सी ई सी एन सी ई सी

**NEFT / RTGS CHALLAN for CAMPA Funds**

Date : 19-01-2024

|                  |  |
|------------------|--|
| Agency Name.     | RUNGTA MINES LTD   |
| Application No.  | 64156567822  |
| MoEF/SG File No. | 5-ORB589/2023-BHU  |
| Location.        | ORRISA   |
| Address:         | Rungta Office, Main Road,<br>At/PO: Barbil, Odisha<br>Keonjhar |
| Amount(in Rs)    | 3432500/-  |

Amount in Words : Thirty-Four Lakh Thirty-Two Thousand Five Hundred Rupees Only

**NEFT/RTGS to be made as per following details;**

|                      |  |
|----------------------|--|
| Beneficiary Name:    | ORRISA CAMPA   |
| IFSC Code:           | UBIN0996335  |
| Pay to Account No.   | 1508264156567822<br><i>Valid only for this challan amount.</i>   |
| Bank Name & Address: | Union Bank Of India<br>FCS Centre, 21/1, III Floor,<br>Jelitta Towers, Mission<br>Road, Bengaluru-560027 |

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

**Note:** After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date and reference id to Email: fcsblr@unionbankofindia.bank, epurse@unionbankofindia.bank, ubin0903710@unionbankofindia.bank

RUNGTA MINES LIMITED

*(Signature)*  
(Authorised Signatory)

*(Signature)*  
(Authorised Signatory)

UTR- CNRB52024012072139463





A/c No. 0247257007043

Annexure-6

IFSC code: CNRB0000247 NEFT RTGS CHALLAN

**AGENCY COPY**

**यूनियन बैंक ऑफ इंडिया Union Bank of India**

**NEFT / RTGS CHALLAN for CAMPA Funds**

Date : 04-03-2024

|                  |   |
|------------------|---|
| Agency Name.     | RUNGTA MINES LTD  |
| Application No.  | 64156567431   |
| MoEF/SG File No. | 5-ORB589/2023-BHU   |
| Location.        | ORRISA  |
| Address.         | Rungta Office, Main Road,<br>At/PO: Barbil,<br>OdishaKeonjhar |
| Amount(in Rs)    | 2069200/-   |

Amount in Words : Twenty Lakh Sixty-Nine Thousand Two Hundred Rupees Only

**NEFT/RTGS to be made as per following details;**

|                      |  |
|----------------------|--|
| Beneficiary Name:    | ORRISA CAMPA   |
| IFSC Code:           | UBIN0996335  |
| Pay to Account No.   | 1508264156567431<br><i>Valid only for this challan amount.</i>   |
| Bank Name & Address: | Union Bank Of India<br>FCS Centre, 21/1, III Floor,<br>Jelitta Towers, Mission<br>Road, Bengaluru-560027 |

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

**BANK COPY**

**यूनियन बैंक ऑफ इंडिया Union Bank of India**

**NEFT / RTGS CHALLAN for CAMPA Funds**

Date : 04-03-2024

|                  |  |
|------------------|--|
| Agency Name.     | RUNGTA MINES LTD   |
| Application No.  | 64156567431  |
| MoEF/SG File No. | 5-ORB589/2023-BHU  |
| Location.        | ORRISA   |
| Address:         | Rungta Office, Main Road,<br>At/PO: Barbil, Odisha<br>Keonjhar |
| Amount(in Rs)    | 2069200/-  |

Amount in Words : Twenty Lakh Sixty-Nine Thousand Two Hundred Rupees Only

**NEFT/RTGS to be made as per following details;**

|                      |  |
|----------------------|--|
| Beneficiary Name:    | ORRISA CAMPA   |
| IFSC Code:           | UBIN0996335  |
| Pay to Account No.   | 1508264156567431<br><i>Valid only for this challan amount.</i>   |
| Bank Name & Address: | Union Bank Of India<br>FCS Centre, 21/1, III Floor,<br>Jelitta Towers, Mission<br>Road, Bengaluru-560027 |

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

**Note:** After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date and reference id to Email: fcsblr@unionbankofindia.bank, epurse@unionbankofindia.bank, ubin0903710@unionbankofindia.bank

RUNGTA MINES LIMITED

*[Signature]*  
Authorised Signatory

*[Signature]*  
(Authorised Signatory)

UTR - CNRBRS2024030475165847





8/24, 10:25 AM

NEFT RTGS CHALLAN

## AGENCY COPY

यूनियन बैंक Union Bank of India



## NEFT / RTGS CHALLAN for CAMPA Funds

Date : 08-05-2024

|                  |   |
|------------------|---|
| Agency Name.     | RUNGTA MINES LTD  |
| Application No.  | 58150048639   |
| MoEF/SG File No. | 8-08/2023-FC  |
| Location.        | ORRISA  |
| Address.         | Rungta Office, Main Road,<br>At/PO: Barbil,<br>OdishaKeonjhar |
| Amount(in Rs)    | 90444000/-  |

Amount in Words :Nine Crore Four Lakh Forty-Four Thousand Rupees Only

NEFT/RTGS to be made as per following details;

|                      |  |
|----------------------|--|
| Beneficiary Name:    | ORRISA CAMPA   |
| IFSC Code:           | UBIN0996335  |
| Pay to Account No.   | 1508258150048639<br>Valid only for this challan amount.  |
| Bank Name & Address: | Union Bank Of India<br>FCS Centre, 21/1, III Floor,<br>Jelitta Towers, Mission<br>Road, Bengaluru-560027 |

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

## BANK COPY

यूनियन बैंक Union Bank of India



## NEFT / RTGS CHALLAN for CAMPA Funds

Date : 08-05-2024

|                  |  |
|------------------|--|
| Agency Name.     | RUNGTA MINES LTD   |
| Application No.  | 58150048639  |
| MoEF/SG File No. | 8-08/2023-FC   |
| Location.        | ORRISA   |
| Address:         | Rungta Office, Main Road,<br>At/PO: Barbil, Odisha<br>Keonjhar |
| Amount(in Rs)    | 90444000/-   |

Amount in Words :Nine Crore Four Lakh Forty-Four Thousand Rupees Only

NEFT/RTGS to be made as per following details;

|                      |  |
|----------------------|--|
| Beneficiary Name:    | ORRISA CAMPA   |
| IFSC Code:           | UBIN0996335  |
| Pay to Account No.   | 1508258150048639<br>Valid only for this challan amount.  |
| Bank Name & Address: | Union Bank Of India<br>FCS Centre, 21/1, III Floor,<br>Jelitta Towers, Mission<br>Road, Bengaluru-560027 |

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

**Note:** After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date and reference id to Email: fcsblr@unionbankofindia.bank , epurse@unionbankofindia.bank, ubin0903710@unionbankofindia.bank

RUNGTA MINES LIMITED

*(Signature)* *(Signature)*  
(Authorised Signatory) (Authorised Signatory)

UTR - CNRBRS2024050879953412







### STATE WILDLIFE HEADQUARTERS

OFFICE OF THE PRINCIPAL CCF (WILDLIFE) & CHIEF WILDLIFE WARDEN, ODISHA  
PRAKRUTI BHAWAN, PLOT NO.1459, SAHEED NAGAR, BHUBANESWAR- 751007  
Website: [www.wildlife.odisha.gov.in](http://www.wildlife.odisha.gov.in), Email: [odishawildlife@gmail.com](mailto:odishawildlife@gmail.com)

Memo No. 4707 /CWLW-FDWC-MISC-0027-2023

Dated, Bhubaneswar, the 05 April 2024

To

The Regional Chief Conservator of Forests  
Rourkela Circle, Rourkela

- Sub:**
- 1. Proposal for seeking prior approval under Section 2 (ii) of the Forest (Conservation) Act, 1980 in favour of M/s Rungta Mines Ltd. for non-forestry use of 156.978 ha of forest land (147.803 ha in Bonai Forest Division & 9.175 ha in Keonjhar Forest Division) for Iron Ore Mining and ancillary activities within Jumka Pathiriposhi Pahar Iron Ore Block under Bonai and Keonjhar Forest Division of Sundargarh & Keonjhar District, Odisha - (Online Proposal No.FP/OR/MIN/150048/2021) reg.**
  - 2. Diversion of 3.104 ha of forest land of construction of 11 KV over head Transmission line from Jaldihi village of Jumka-Pathiriposhi Pahar Iron Block of M/s Rungta Mines Ltd. in Sundargarh District, Odisha.**
  - 3. Diversion of 13.077 ha of forest land for construction of approach road from Jumka-Pathiriposi Pahar Iron Ore Block of M/s Rungta Mines Ltd. to existing Koira-Belkudar Patamunda Road in Sundargarh District, Odisha.**

- Ref:
- (i) This office Memo. No.4752 dated 15<sup>th</sup> April, 2023
  - (ii) Your office Memo. No.1374 dated 27<sup>th</sup> March 2024

With reference to the above cited correspondences on the captioned subject, I am directed to convey approval of the Principal Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden, Odisha of the revisited Site Specific Wildlife Conservation Plan as detailed below:

- (1) The Site Specific Wildlife Conservation Plan in respect of diversion of 156.978 ha of forest land has been approved and communicated to you vide this office Memo. No.4752



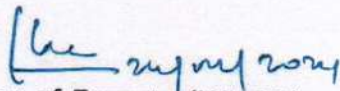
dated 15<sup>th</sup> April 2023 with financial outlay of ₹875.40 lakh (Bonai Forest Division – ₹715.80 lakh and Keonjhar Forest Division – ₹159.60 lakhs), besides, activities to be carried out by the Project Proponent (**Annexure-I**).

- (2) Additional approved interventions to be carried out by the project proponent and DFOs, Bonai and Keonjhar Forest Divisions after revisiting of the aforesaid Plan as per the stipulated condition of the diversion proposals mentioned at Sl. No.2 & 3 on the captioned subject along with financial outlay of ₹29.04 lakh in Bonai Forest Division is at **Annexure-II**.
- (3) Thus, the revised financial outlay of the Plan is ₹904.44 lakh (Bonai Forest Division – ₹744.84 lakh and Keonjhar Forest Division – ₹159.60 lakhs).
- (4) The Project Proponent may please be informed to deposit the additional amount of ₹29.04 lakh in the State CAMPA fund only through e-portal (<https://parivesh.nic.in>) for implementation of various activities within the project impact area by the Forest Department through concerned DFO.
- (5) Activities in the project area as per Chapter-4 & 5 of the Plan already approved (Annexure-I & Annexure-II) will be executed by the project proponent under the guidance of DFO, Bonai and Keonjhar Forest Divisions.
- (6) The Plan period is five years and will be revisited by concerned DFOs at least one year before expiry of its implementation. The User Agency will bear the cost of such Plan on its approval. Further, the User Agency will bear



additional cost, if any, towards enhancement of wage rate and escalation of price of materials at the time of implementation of this Plan. In case of any deviation, it will be dealt as per law for violations of Forest (Conservation) Act 1980, Environment (Protection) Act 1986 and Wildlife (Protection) Act 1972.

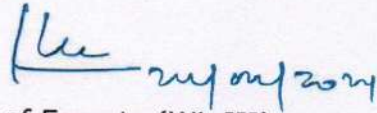
Encl: As above.

  
Chief Conservator of Forests (WL-III)

Memo. No. 4708 /Dt. 25 April 2024

Copy forwarded for information & necessary action to the: -

1. OSD-cum-Special Secretary to Government of Odisha, forest, Environment & Climate Change Department, Bhubaneswar with reference to this office Memo No.4752 dated 15<sup>th</sup> April 2023.
2. Principal CCF (FD&NO, FC Act), Aranya Bhawan, Bhubaneswar.
3. Deputy Conservator of Forests (CAMP), O/o PCCF (WL) & CWLW, Odisha, Bhubaneswar along with enclosures (**Annexure-I & II**).
4. Divisional Forest Officers, Bonai Forest Division/ Keonjhar Forest Division along with enclosures (**Annexure-I & II**).
5. Director, M/s Rungta Mines Ltd. At/ Po: Barbil, Keonjhar – 758035, Odisha along with enclosures (**Annexure-I & II**).

  
Chief Conservator of Forests (WL-III)





Annexure 1

(89)

**OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS (WILDLIFE)  
& CHIEF WILDLIFE WARDEN, ODISHA**

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

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

Phone: 0674-2602250, Website: [www.wildlife.odisha.gov.in](http://www.wildlife.odisha.gov.in), Email: [odishawildlife@gmail.com](mailto:odishawildlife@gmail.com)

No. 475 / CWLW-FDWC-FD-0055-2022  
Bhubaneswar, Dated the 15 April, 2023

To

M/s Rungta Mines Ltd.  
At/PO- Barbil  
Dist.- Keonjhar

Sub: Proposal for diversion of 156.978 ha of forest land (147.803 ha in Bonai Forest Division & 9.175 ha in Keonjhar Forest Division) in respect of Jumka Pathiriposhi Pahar Iron Ore Block of M/s Rungta Mines Ltd. of Bonai Forest Division & Keonjhar forest Division under Sundargarh & Keonjhar District - Approval of Site Specific Wildlife Conservation Plan

Sir,

I am directed to convey the approval of PCCF (WL) & CWLW, Odisha for the Site Specific Wildlife Conservation Plan at financial outlay of ₹875.40 lakh (Rupees eight crore seventy-five lakh forty thousand) only as per the details of activities mentioned in Chapter-4 and 5 of the Plan in compliance to the ToR under Environmental Clearance and conditional recommendation by State Government under Forest Clearance.

|        |   |              |
|--------|---|--------------|
| (a)    | In project impact area in Bonai Division    | ₹715.80 lakh |
| (b)    | In project impact area in Keonjhar Division | ₹159.60 lakh |
| Total: |   | ₹875.40 lakh |

A sum of ₹875.40 lakh (Rupees eight crore seventy-five lakh forty thousand) only shall be deposited in State CAMPA fund only through e-portal (<https://parivesh.nic.in>) for implementation of various activities within the project impact area by the Forest Department through concerned DFOs.

- Activities in the project area as per Chapter-4 & 5 of the Plan will be executed by the project proponent under the guidance of DFO, Bonai Division.
- The Plan period is five years and will be revisited by concerned DFOs at least one year before expiry of its implementation. The User Agency will bear the cost of such Plan on its approval. Further, the User Agency will bear additional cost, if any, towards enhancement of wage rate and escalation of price of materials at the time of implementation of this Plan. In case of any deviation, it will be dealt as per law for violations of Forest (Conservation) Act 1980, Environment (Protection) Act 1986 and Wildlife (Protection) Act 1972.

Encl: Copy of approved SSWLCP

Yours faithfully

Conservator of Forests (ET)

P.T.O.





188 ✓  
Memo No. 6752 /dt 13/04/2023

Copy forwarded for information and necessary action to the -

1. OSD-cum-Special Secretary to Government of Odisha, FE&CC Department, Bhubaneswar with reference to Memo No.4134/FE&CC dt 03.03.2023
2. PCCF (FD & NO, FC Act), O/o PCCF & HoFF, Odisha, Bhubaneswar
3. Regional Chief Conservator of Forests, Rourkela Circle alongwith copy of the approved SSWLCP with reference to his office Memo No.637 dt 23.02.2023 and Memo No.1039 dt 28.03.2023
4. Divisional Forest Officer, Bonai/ Keonjhar Division alongwith copy of the approved SSWLCP

(Signature)  
Conservator of Forests (ET)




**Annexure – II****Interventions to be implemented by the Project Proponent in consultation with concerned DFOs**

(For construction of approach road for Jhumka-Pathiriposhi Pahar Iron Ore Block and 11kv over head transmission line from Jaldihi village to Jhumka-Pathiriposhi Pahar Iron Ore Block)

| Sl. No. | Management Interventions  | Area in ha./Unit in No./ RKM | Remarks                           |
|---------|---|------------------------------|-----------------------------------|
| 1       | Provision of reptile underpass at appropriate locations in the proposed road  | 10 Nos.                      | Bonai & Keonjhar Forest Divisions |
| 2       | Provision of safe elephant passes at the appropriate location   | 04 Nos.                      |                                   |
| 3       | Promotion of awareness regarding protection as well as safe passage of wildlife through digital signage on both side of road and along transmission line and barricades to control the traffic as well as movement of vehicles.           | 10 Nos.                      |                                   |
| 4       | The user agency will ensure use of insulated conductors in the Transmission line passing through the entire stretch of the same to prevent illegal hooking causing death of wild animal.  | Entire length                |                                   |
| 5       | Provision of anti-climbing device and barricading in and around all the towers and poles in the transmission line.  | All towers and Poles         |                                   |
| 6       | Provision of Bird deflectors/marker to increase the vision of birds to avoid bird collision in the portions of the span of the all the towers/poles   | All towers and Poles         |                                   |
| 7       | Provision of Distance protection system and regular cleaning of the under growth in the RoW of the transmission line under supervision of Forest staff.   | Entire length                |                                   |
| 8       | An Integrated Unit (Office cum-residential Building) for Rapid Response Team (RRT), WTI Veterinary Unit, Wildlife Biologist and Sociologist, MTS of RRT Team, Strong Room for Ammunition & equipments at Division Head Quarter, Keonjhar. |                              | Keonjhar Forest Division          |

**Approved**

  
PCCF (WL) & CWLW, Odisha



**Interventions in Zone of Influence to be implemented by  
Bonai Forest Division**

| Sl. No.  | Management Interventions   | Area in ha./Unit in No./ RKM | Unit cost (Rs. in Lakh) | Total Amount (Rs. in Lakh) |
|----------|--|------------------------------|-------------------------|----------------------------|
| <b>1</b> | <b>Wildlife Habitat Management</b>   |                              |                         |                            |
|          | Eradication of invasive weeds  | 20 ha.                       | 0.11                    | 2.20                       |
| <b>2</b> | <b>Wildlife Monitoring</b>   |                              |                         |                            |
|          | (a) Procurement of Anti depredation-cum-wildlife monitoring Kits (Binoculars, Compass, Range Finders, Tents, sleeping bag, water bottle, all terrain shoes, carry bag, torch, uniforms for rapid response team etc.) | 20 Nos.                      | 0.60                    | 12.00                      |
|          | (b) Survey, inventory, documentation and mapping of flora & fauna in respect of Bonai Forest Division by engagement of a Research Scholar/ Wildlife Biologist  |                              |                         | 10.00                      |
|          | <b>Total</b>   |                              |                         | <b>24.20</b>               |
|          | <b>20% Escalation</b>  |                              |                         | <b>04.84</b>               |
|          | <b>Grand Total</b>   |                              |                         | <b>29.04</b>               |

Approved



PCCF (WL) & CWLW, Odisha



RML  
0247/257/00/7043  
CB - Cnsa.

Annexure - 8

07/02/24

AGENCY COPY

यूनियन बैंक ऑफ इंडिया Union Bank of India

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 07-02-2024

|                  |  |
|------------------|--|
| Agency Name.     | RUNGTA MINES LTD   |
| Application No.  | 64156567832  |
| MoEF/SG File No. | 5-ORB589/2023-BHU  |
| Location.        | ORRISA   |
| Address.         | Rungta Office, Main Road,<br>At/PO: Barbil,<br>Odisha Keonjhar |
| Amount(in Rs)    | 320022/-   |

Amount in Words : Three Lakh Twenty Thousand and Twenty-Two Rupees Only

NEFT/RTGS to be made as per following details;

|                      |  |
|----------------------|--|
| Beneficiary Name:    | ORRISA CAMPA   |
| IFSC Code:           | UBIN0996335  |
| Pay to Account No.   | 1508264156567832<br>Valid only for this challan amount.  |
| Bank Name & Address: | Union Bank Of India<br>FCS Centre, 21/1, III Floor,<br>Jelitta Towers, Mission<br>Road, Bengaluru-560027 |

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

BANK COPY

यूनियन बैंक ऑफ इंडिया Union Bank of India

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 07-02-2024

|                  |  |
|------------------|--|
| Agency Name.     | RUNGTA MINES LTD   |
| Application No.  | 64156567832  |
| MoEF/SG File No. | 5-ORB589/2023-BHU  |
| Location.        | ORRISA   |
| Address:         | Rungta Office, Main Road,<br>At/PO: Barbil, Odisha<br>Keonjhar |
| Amount(in Rs)    | 320022/-   |

Amount in Words : Three Lakh Twenty Thousand and Twenty-Two Rupees Only

NEFT/RTGS to be made as per following details;

|                      |  |
|----------------------|--|
| Beneficiary Name:    | ORRISA CAMPA   |
| IFSC Code:           | UBIN0996335  |
| Pay to Account No.   | 1508264156567832<br>Valid only for this challan amount.  |
| Bank Name & Address: | Union Bank Of India<br>FCS Centre, 21/1, III Floor,<br>Jelitta Towers, Mission<br>Road, Bengaluru-560027 |

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

**Note:** After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date and reference id to Email: fcsblr@unionbankofindia.bank, epurse@unionbankofindia.bank, ubin0903710@unionbankofindia.bank

RUNGTA MINES LIMITED

 (Authorized Signatory)

UTR - CNRBRE2024020773324682





**AGENCY COPY**

यूनियन बैंक Union Bank  
OF INDIA

NEFT / RTGS CHALLAN for CAMPA Funds  
Date : 16-01-2024

|                  |  |
|------------------|--|
| Agency Name.     | RUNGTA MINES LTD   |
| Application No.  | 64156567008  |
| MoEF/SG File No. | 5-ORB589/2023-BHU  |
| Location.        | ORRISA   |
| Address.         | Rungta Office, Main Road,<br>At/PO: Barbil,<br>Odisha Keonjhar |
| Amount(in Rs)    | 4459424/-  |

Amount in Words : Forty-Four Lakh Fifty-Nine Thousand Four Hundred and Twenty-Four Rupees Only

**NEFT/RTGS to be made as per following details;**

|                      |  |
|----------------------|--|
| Beneficiary Name:    | ORRISA CAMPA   |
| IFSC Code:           | UBIN0996335  |
| Pay to Account No.   | 1508264156567008<br>Valid only for this<br>challan amount.   |
| Bank Name & Address: | Union Bank Of India<br>FCS Centre, 21/1, III Floor,<br>Jelitta Towers, Mission<br>Road, Bengaluru-560027 |

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

**BANK COPY**

यूनियन बैंक Union Bank  
OF INDIA

NEFT / RTGS CHALLAN for CAMPA Funds  
Date : 16-01-2024

|                  |  |
|------------------|--|
| Agency Name.     | RUNGTA MINES LTD   |
| Application No.  | 64156567008  |
| MoEF/SG File No. | 5-ORB589/2023-BHU  |
| Location.        | ORRISA   |
| Address:         | Rungta Office, Main Road,<br>At/PO: Barbil, Odisha<br>Keonjhar |
| Amount(in Rs)    | 4459424/-  |

Amount in Words : Forty-Four Lakh Fifty-Nine Thousand Four Hundred and Twenty-Four Rupees Only

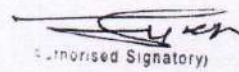

**NEFT/RTGS to be made as per following details;**

|                      |  |
|----------------------|--|
| Beneficiary Name:    | ORRISA CAMPA   |
| IFSC Code:           | UBIN0996335  |
| Pay to Account No.   | 1508264156567008<br>Valid only for this<br>challan amount.   |
| Bank Name & Address: | Union Bank Of India<br>FCS Centre, 21/1, III Floor,<br>Jelitta Towers, Mission<br>Road, Bengaluru-560027 |

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

**Note:** After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date and reference id to Email: fcsblr@unionbankofindia.bank, epurse@unionbankofindia.bank, ubin0903710@unionbankofindia.bank

RUNGTA MINES LIMITED


  
 (Authorised Signatory) (Authorised Signatory)

UTR - CNRBR52024011671801423





RML/0247257007043

IFSC - ENRB0000247

Annexure - 8/18

20/01/24

CA - 1059.

**AGENCY COPY**

**यूनियन बैंक Union Bank**

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 19-01-2024

|                  |   |
|------------------|---|
| Agency Name.     | RUNGTA MINES LTD  |
| Application No.  | 64156567822   |
| MoEF/SG File No. | 5-ORB589/2023-BHU   |
| Location.        | ORRISA  |
| Address.         | Rungta Office, Main Road,<br>At/PO: Barbil,<br>OdishaKeonjhar |
| Amount(in Rs)    | 3432500/-   |

Amount in Words :Thirty-Four Lakh Thirty-Two Thousand Five Hundred Rupees Only

**NEFT/RTGS to be made as per following details;**

|                      |  |
|----------------------|--|
| Beneficiary Name:    | ORRISA CAMPA   |
| IFSC Code:           | UBIN0996335  |
| Pay to Account No.   | 1508264156567822<br><small>Valid only for this challan amount.</small>                                   |
| Bank Name & Address: | Union Bank Of India<br>FCS Centre, 21/1, III Floor,<br>Jelitta Towers, Mission<br>Road, Bengaluru-560027 |

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

**BANK COPY**

**यूनियन बैंक Union Bank**

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 19-01-2024

|                  |  |
|------------------|--|
| Agency Name.     | RUNGTA MINES LTD   |
| Application No.  | 64156567822  |
| MoEF/SG File No. | 5-ORB589/2023-BHU  |
| Location.        | ORRISA   |
| Address:         | Rungta Office, Main Road,<br>At/PO: Barbil, Odisha<br>Keonjhar |
| Amount(in Rs)    | 3432500/-  |

Amount in Words :Thirty-Four Lakh Thirty-Two Thousand Five Hundred Rupees Only

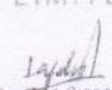
**NEFT/RTGS to be made as per following details;**

|                      |  |
|----------------------|--|
| Beneficiary Name:    | ORRISA CAMPA   |
| IFSC Code:           | UBIN0996335  |
| Pay to Account No.   | 1508264156567822<br><small>Valid only for this challan amount.</small>                                   |
| Bank Name & Address: | Union Bank Of India<br>FCS Centre, 21/1, III Floor,<br>Jelitta Towers, Mission<br>Road, Bengaluru-560027 |

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

**Note:** After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date and reference id to Email: fcsblr@unionbankofindia.bank, epurse@unionbankofindia.bank, ubin0903710@unionbankofindia.bank

RUNGTA MINES LIMITED


  
 (Authorised Signatory) (Authorised Signatory)

UTR- ENRB52024012072139463





## AGENCY COPY

यूनियन बैंक Union Bank



## NEFT / RTGS CHALLAN for CAMPA Funds

Date : 08-05-2024

|                  |   |
|------------------|---|
| Agency Name.     | RUNGTA MINES LTD  |
| Application No.  | 58150048639   |
| MoEF/SG File No. | 8-08/2023-FC  |
| Location.        | ORRISA  |
| Address.         | Rungta Office, Main Road,<br>At/PO: Barbil, Odisha Keonjhar |
| Amount(in Rs)    | 90444000/-  |

Amount in Words : Nine Crore Four Lakh Forty-Four Thousand Rupees Only

NEFT/RTGS to be made as per following details;

|                      |  |
|----------------------|--|
| Beneficiary Name:    | ORRISA CAMPA   |
| IFSC Code:           | UBIN0996335  |
| Pay to Account No.   | 1508258150048639<br><small>Valid only for this challan amount.</small>                                   |
| Bank Name & Address: | Union Bank Of India<br>FCS Centre, 21/1, III Floor,<br>Jelitta Towers, Mission<br>Road, Bengaluru-560027 |

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

## BANK COPY

यूनियन बैंक Union Bank



## NEFT / RTGS CHALLAN for CAMPA Funds

Date : 08-05-2024

|                  |  |
|------------------|--|
| Agency Name.     | RUNGTA MINES LTD   |
| Application No.  | 58150048639  |
| MoEF/SG File No. | 8-08/2023-FC   |
| Location.        | ORRISA   |
| Address.         | Rungta Office, Main Road,<br>At/PO: Barbil, Odisha<br>Keonjhar |
| Amount(in Rs)    | 90444000/-   |

Amount in Words : Nine Crore Four Lakh Forty-Four Thousand Rupees Only

NEFT/RTGS to be made as per following details;

|                      |  |
|----------------------|--|
| Beneficiary Name:    | ORRISA CAMPA   |
| IFSC Code:           | UBIN0996335  |
| Pay to Account No.   | 1508258150048639<br><small>Valid only for this challan amount.</small>                                   |
| Bank Name & Address: | Union Bank Of India<br>FCS Centre, 21/1, III Floor,<br>Jelitta Towers, Mission<br>Road, Bengaluru-560027 |

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

**Note:** After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date and reference id to Email: [fesbl@unionbankofindia.bank](mailto:fesbl@unionbankofindia.bank), [epurse@unionbankofindia.bank](mailto:epurse@unionbankofindia.bank), [ubin0903710@unionbankofindia.bank](mailto:ubin0903710@unionbankofindia.bank)

*Handwritten signature*

17R - CNRBR 52024050879953412





RML  
0247/257/00/7073  
CB - Chsca.

Annexure - 8/D

07/02/24

AGENCY COPY

यूनियन बैंक Union Bank of India

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 07-02-2024

|                  |   |
|------------------|---|
| Agency Name.     | RUNGTA MINES LTD  |
| Application No.  | 64156567832   |
| MoEF/SG File No. | 5-ORB589/2023-BHU   |
| Location.        | ORRISA  |
| Address.         | Rungta Office, Main Road,<br>At/PO: Barbil,<br>OdishaKeonjhar |
| Amount(in Rs)    | 320022/-  |

Amount in Words : Three Lakh Twenty Thousand and Twenty-Two Rupees Only

NEFT/RTGS to be made as per following details;

|                      |  |
|----------------------|--|
| Beneficiary Name:    | ORRISA CAMPA   |
| IFSC Code:           | UBIN0996335  |
| Pay to Account No.   | 1508264156567832<br>Valid only for this<br>challan amount.   |
| Bank Name & Address: | Union Bank Of India<br>FCS Centre, 21/1, III Floor,<br>Jelitta Towers, Mission<br>Road, Bengaluru-560027 |

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

BANK COPY

यूनियन बैंक Union Bank of India

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 07-02-2024

|                  |  |
|------------------|--|
| Agency Name.     | RUNGTA MINES LTD   |
| Application No.  | 64156567832  |
| MoEF/SG File No. | 5-ORB589/2023-BHU  |
| Location.        | ORRISA   |
| Address:         | Rungta Office, Main Road,<br>At/PO: Barbil, Odisha<br>Keonjhar |
| Amount(in Rs)    | 320022/-   |

Amount in Words : Three Lakh Twenty Thousand and Twenty-Two Rupees Only

NEFT/RTGS to be made as per following details;

|                      |  |
|----------------------|--|
| Beneficiary Name:    | ORRISA CAMPA   |
| IFSC Code:           | UBIN0996335  |
| Pay to Account No.   | 1508264156567832<br>Valid only for this<br>challan amount.   |
| Bank Name & Address: | Union Bank Of India<br>FCS Centre, 21/1, III Floor,<br>Jelitta Towers, Mission<br>Road, Bengaluru-560027 |

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RUNGTA MINES LIMITED

*[Signature]*  
Authorized Signatory

UTR - CNRBR52024020773324682





Annexure 9

**Form-I**

(For linear projects other than Plantations)

[Rule 6 (3) (e) of Forest (Conservation) Rules 2003 as amended up to date]

Government of Odisha

OFFICE OF THE DISTRICT COLLECTOR, SUNDARGARH

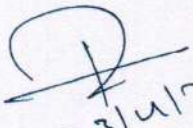
No. 1288 / ITDA(FRA) Dated: 24/4/23

**TO WHOM SO EVER IT MAY CONCERN**

In compliance of the Rule 6 (3) (e) of Forest (Conservation) Rules 2003 [as amended vide the Forest (Conservation) second Amendment Rules 2014; and Forest (Conservation) Amendment Rules 2016] it is certified that 3.104 ha. (2.397 ha. under Koira Tahasil & 0.707 ha. under Lahunipara Tahasil) of forest land proposed to be diverted in favour of M/s Rungta Mines Limited, Barbil for construction of 11 KV transmission line from Jaldihi village to Jhumka Pathuriposhi Pahar Iron Ore Block in the district falls within the jurisdiction of Jaldihi & Tantigram village under Koira Tahasil and Kensara village under Lahunipara Tahasil. It is further certified that:

- (a) the complete process of recognition and vesting of forest rights under the FRA has been carried out for the entire 3.104 ha. (2.397 ha. under Koira Tahasil & 0.707 ha. under Lahunipara Tahasil) of forest land proposed for diversion. A copy of records of all consultations and meetings of the Forest Rights Committee (s), Gram Sabha (s), Sub-Division Level Committee (s) and the District Level Committee are enclosed as Annexure-I & II
- (b) the diversion of forest land for facilities managed by the Government as required under section 3 (2) of the FRA, 2006 have been completed and the Gram Sabhas have given their consent to it;
- (c) the proposed area does not involve recognised rights of Primitive Tribal Groups and Pre-Agricultural Communities.

Encl: As above.

  
23/4/23

(Dr. Gavali Parag Harshad, IAS)  
COLLECTOR,  
SUNDARGARH  
SUNDARGARH




**LAND SCHEDULED OF PROPOSED LAND FOR DIVERSION  
UNDER KOIRA TAHASIL**

| Sl. No. | Village   | Khata No. | Plot No. | Hal Kisam    | Area in Ha     |
|---------|-----------|-----------|----------|--------------|----------------|
| 1       | Jaldihi   | 17        | 48       | Jungle       | 0.055<br>0.212 |
| 2       | Jaldihi   | 18        | 153      | Pahad        | 0.182          |
| 3       | Jaldihi   | 18        | 157      | Pahad        | 0.177          |
| 4       | Jaldihi   | 18        | 154      | Pahad        | 0.434          |
| 5       | Jaldihi   | 18        | 158      | Pahad        | 0.306          |
| 6       | Jaldihi   | 18        | 160      | Pahad        | 0.247          |
| 7       | Tantigram | 15        | 76       | Pahad        | 0.302          |
| 8       | Tantigram | 15        | 78       | Pahad        | 0.042          |
| 9       | Tantigram | 15        | 75       | Pahad        | 0.088<br>0.050 |
| 10      | Tantigram | 15        | 77       | Pahad        | 0.302          |
|         |           |           |          | <b>Total</b> | <b>2.397</b>   |

**LAND SCHEDULED OF PROPOSED LAND FOR DIVERSION  
UNDER LAHUNIPARA TAHASIL**

| Sl. No. | Village | Khata No. | Plot No. | Hal Kisam    | Area in Ha   |
|---------|---------|-----------|----------|--------------|--------------|
| 1       | Kensara | 10        | 90       | Pahad        | 0.118        |
| 2       | Kensara | 10        | 91       | Pahad        | 0.252        |
| 3       | Kensara | 10        | 95       | Pahad        | 0.030        |
| 4       | Kensara | 10        | 98       | Pahad        | 0.039        |
| 5       | Kensara | 10        | 94       | Pahad        | 0.268        |
|         |         |           |          | <b>Total</b> | <b>0.707</b> |

  
 Project Administrator  
 ITDA, Sundargarh

  
 COLLECTOR  
 SUNDARGARH



**SCHEME FOR COMPENSATORY  
AFFORESTATION OVER 5.00 HA OF NON-  
FOREST GOVT. LAND IDENTIFIED IN  
VILLAGE TALABARADA UNDER  
BANSAPAL TAHASIL OF B.J.P. RANGE OF  
KEONJHAR FOREST DIVISION AGAINST  
PROPOSED 11KV OVERHEAD  
TRANSMISSION LINE FROM JALDIHI  
VILLAGE TO JUMKA-PATHIRIPOSHI  
PAHAR IRON ORE BLOCK  
OF  
M/S RUNGTA MINES LIMITED**

{Onetime cost norm provided by the PCCF, Odisha, Bhubaneswar vide their O.O. No. 1109 dated 08.11.2021 on Base Norm for the year 2023-24) with maintenance period of 20 (twenty) years}



## **CHAPTER- II**

### **DETAILS OF LAND IDENTIFIED FOR COMPENSATORY AFFORESTATION**

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

The site for Compensatory Afforestation has been identified in village Talabarada under Bansapal Tahasil in B.J.P. Range of Keonjhar Forest Division over 5.00 ha in one patch and has been jointly verified by the Tahasildar, Bansapal, Revenue Inspector, Taramakanta, Range Officer, B.J.P. Range and Forest Section Officer, Suakati and found suitable for compensatory afforestation.

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

The Tahasildar, Bansapal has given certificate of non-encroachment and non-encumbrance in respect of the non-forest Govt. land identified and allotted for Compensatory Afforestation over 5.00 ha in respect of proposed 11KV overhead transmission line from Jaldihi village to Jumka-Pathiriposhi Pahar iron ore block of M/s Rungta Mines Limited.

#### **C. INFORMATION ON LAND STATUS.**

The land scheduled and land status identified and allotted for Compensatory Afforestation is furnished hereunder:-

| Tahasil  | Village    | Khata No. | Plot No.     | Area(in Ha)  | Kissam.   |
|----------|------------|-----------|--------------|--------------|-----------|
| Bansapal | Talabarada | 24(AAA)   | 07(P)        | 3.386        | Parbat- I |
|          |            |           | 09(P)        | 1.614        | Parbat- I |
|          |            |           | <b>Total</b> | <b>5.000</b> |           |

#### **D. SUITABILITY OF IDENTIFIED SITE FOR COMPENSATORY AFFORESTATION.**

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

The non-forest Govt. land identified in village Talabarada is in one patch situated on upland with gentle slope is suitable for Compensatory Afforestation. As per the report of the Range Officer, BJP Range vide his memo No 548 dt. 29.04.2023 (Copy enclosed).



### CHAPTER-III

#### DELINEATION OF PROPOSED AREA ON SUITABLE MAP

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

The area has been demarcated through DGPS survey and 8 nos of 4' height RCC pillars have been posted around the identified area. The DGPS survey data showing latitude & Longitude of each point and their chainage with bearing has been depicted in the village sheet map (Map Enclosed). One durable sign boards has been erected at the identified site at a conspicuous location with name of the project, year of allotment, name of the scheme, details of plots etc. depicted there on.

##### Decision Support System of Non-Forest Govt. land identified in village Talabarada under Banspal Tahasil

| Name of the site   | Area identified for plantation (in ha) | MDF (in Sq. Km) | Non-forest (in Sq. Km) | Open Forest (in Sq. Km) |
|--------------------|--|-----------------|------------------------|-------------------------|
| Village-Talabarada | 5.00                                   | 0.02            | 0.01                   | 0.02                    |

### CHAPTER- IV

#### AGENCY RESPONSIBLE FOR COMPENSATORY AFFORESTATION

##### IV(1) AGENCY RESPONSIBLE FOR PLACEMENT OF FUNDS

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

##### IV(2) AGENCY RESPONSIBLE FOR EXECUTION OF COMPENSATORY AFFORESTATION

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



## CHAPTER - V

### DETAILS OF WORK SCHEDULE PROPOSED FOR COMPENSATORY AFFORESTATION

#### A. PLANTING PLAN

Planting Plan reflects the species specific treatment of the identified site. Choice of species is based on the geo-morphology of the site, soil-texture, structure, fertility and depth, proneness of the site to water logging etc. Specific treatment of the site in terms of soil and moisture conservation intervention will be depicted in the treatment map. A treatment map will invariably be prepared for Species to be planted and treatments to be applied to the different patches shown in the treatment map and planting plan. This plan will be followed when actual planting is carried out. The Range Officer, BJP Range has submitted verification report vide his memo No. 548 dt. 29.04.2023. The report of GIS based DSS is enclosed herewith.

#### Species to be planted:-

1. *Syzium cumini* (Jamu)
2. *Adina cardifolia* (Kuruma)
3. *Anogeissus latifolia* (Dhaura)
4. *Dalbergia sissoo* (Sissoo)
5. *Azadirachta indica* (Neem)
6. *Gmelina arborea* (Gambar)
7. *Pongamia pinnata* (Karanja)
8. *Embllica officinalis* (Amla)
9. *Artocarpus integrifolia* (Panasa)

#### B. PRE-PLANTING OPERATION

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

Nursery will be raised @1760 seedlings per ha over 1.00 ha & @1100 seedlings per ha over 2.00 ha including seedlings for 10% casualty replacement.

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

The planting area has been surveyed and demarcated through DGPS survey and 8 nos of 4' height RCC pillars have been posted (as per the direction of forest Range Officer, BJP Range) with GPS co-ordinates, forward and backward bearing, pillar No. and distance between pillars inscribed in it. A DGPS map in the scale of 1:4000 has been prepared along with DGPS co-ordinates forward and backward bearing, pillar No. and distance between pillars reflected in the map. One durable sign boards have been erected at a conspicuous location with name of the site, scheme, area etc. depicted on it.

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

The clearing of the site involving removal of invasive weeds, bushes, climbers, high stumps and singling of shoots will be taken up preferably by the end of February and latest by the end of March. Pits of the dimension 45cm<sup>3</sup> will be dug AR model @1600 seedlings/ ha over 1.00 ha & @1000 seedlings/ ha over 2.00 ha preferably 2 months before or at least a month before planting of seedlings.



### **C. PLANTING OPERATION**

Planting of seedlings will be taken up in the month of July. The polythene {(size 12 x 10) (300 gauge)} covering of the balls of earth will be carefully removed before planting. Care will be taken to see that the ball of earth is not broken while doing so. The seedling with the ball of earth will then be placed firmly in the pit and buried at such a depth that the root collar is well below the surface of the soil. The soil around the plant will be well compacted with the heel as a final step so that there is a proper bond between the ball and the surrounding soil. The earth close to the collar will be slightly elevated so that rain water does not accumulate very close to the plant.

### **D. POST PLANTING OPERATION**

#### **D(1)-CASUALTY REPLACEMENT**

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

#### **D(2)-WEEDING AND SOIL WORKING**

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

#### **D(3)-MANURING AND INSECTICIDE APPLICATION**

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

#### **D(4)-SOIL MOISTURE CONSERVATION MEASURES**

Special Soil Moisture Conservation Measures will be taken up through construction of LBCD structures of dimension 10' x 10' x 5' to the tune of 5 nos. over the entire plantation site.

#### **D(5)-WATERING PROVISION**

1 No. Diesel pump set with borewell (1 Pump set + Borewell for 5 ha plantation) for 3.00 ha plantation.

#### **D(6)-PROTECTION AGAINST FIRE AND BIOTIC INTERFERENCE**

It is proposed to protect the CA plantation from grazing by domestic animals using GI Chain Link Mesh Fencing. The total length of such GI Chain Link Mesh Fencing for the patch which comes to 1.00 KM or 1000 meter. Fire line tracing will be ensured to protect the plantation from fire and watch & ward will be provided as per the approved norm for protecting the plantation from grazing with involvement of Kadakala VSS.



## CHAPTER- VI

### COST STRUCTURE OF PLANTATION, PROVISION OF FUNDS AND UTILIZATION

Base Cost Norm for AR Plantation @1600 seedlings per ha (18 months old seedlings)  
@Rs.345.00/- Mandays as per revised wage rate by Labour Commissioner, Odisha,  
Bhubaneswar vide Notification No. 2500/LC dated 05.04.2023. Onetime cost norm provided by  
the PCCF, Odisha, Bhubaneswar vide their O.O. No. 1109 dated 08.11.2021.

WAGE RATE R.s-345/-PER MANDAY

| Sl. No   | Items of work  | Perferable Period of Execution | No of Mandays | Labour Cost (In Rs.) | Material Cost (In Rs.) | Total cost (In Rs.) |
|--|--|--------------------------------|---------------|----------------------|------------------------|---------------------|
| 1  | 2  | 3                              | 4             | 5                    | 6                      | 7                   |
| <b>0th Year (Advance work) Per- Plantation Operation</b> |  |                                |               |                      |                        |                     |
| 1  | Survey, Demarcation and Pillar posting   | Nov/Dec                        | 2             | 690                  | 0                      | 690                 |
| 2  | Preparation of Treatment Map (Digital Map)   | Nov/Dec                        | 1             | 345                  | 100                    | 445                 |
| 3  | Site preparation (Cleaning & removal of dehrises)  | Nov/Dec                        | 12            | 4140                 | 0                      | 4140                |
| 4  | Creation of 4.00 mt wide Inspection Path   | Feb/Mar                        | 1             | 345                  | 0                      | 345                 |
| 5  | Allgnment and stacking of pits   | Feb/Mar                        | 2             | 690                  | 0                      | 690                 |
| 6  | Digging of pits (45 cm x 45 cm x 45 cm) in hard and gravelly sail  | Feb/Mar                        | 64            | 22080                | 0                      | 22080               |
| 7  | Construction of Temporary labour Shed, Drinking water facility and First-Aid etc.  | Jan/Mar                        | 0             | 0                    | 3500                   | 3500                |
|  | <b>Total</b>   |                                | <b>82</b>     | <b>28290</b>         | <b>3600</b>            | <b>31890</b>        |
| <b>1st Year /Plantation Year</b>                         |  |                                |               |                      |                        |                     |
| 1  | Refilling of pits by altering the dugout soil of the pits, application of organic compounds/ CDM/FYM & mixing the same properly.   | Jun/Jul                        | 12            | 4140                 | 8000                   | 12140               |
| 2  | Transpotation of 18 months old polythin bag seedlings in hired truck /tractor from the Permanent /Mega nursery to planting site including loading &unloading. (Average load of 10 Rkm) & stucking the seedling @ Rs. 6/- per Seedling.(1100 nos.)  | Jul/Aug                        | 0             | 0                    | 10560                  | 10560               |
| 3  | Watering polypot seedlings at planting site.   | Jul/Aug                        | 3             | 1035                 | 0                      | 1035                |
| 4  | Conveyance of polypot seedling on head load from the stacking site to individual dugout pits within the planting site, applying insecticide, fertilizers 7 planting after scoping the soil with other applied materials & pressing the soil perfectly around the planted seedlings.                | Jul/Aug                        | 36            | 12420                | 0                      | 12420               |
| 5  | Cost of Fertilizer & Insecticide<br>(a) NPK/Bin-fertilizer @ 50 gms/plant as hasal dose=50kg@ Rs.30/-per kg= Rs. 1500.00<br>(b) Urea/Vermicumpost/Mo Khata/any other fertilizer in two subsequent dose @ Rs. 750.00<br>©Insecricide/ Bio-pescticide @ 5 gms/plant=5 kg @ Rs.15/- per kg=Rs. 750.00 | Jul/Aug                        | 0             | 0                    | 4800                   | 4800                |



|                             |  |           |            |              |              |              |
|-----------------------------|--|-----------|------------|--------------|--------------|--------------|
| 6                           | Casualty Replacement @ 10th (100 nos)  | Jul/Aug   | 4          | 1380         | 0            | 1380         |
| 7                           | 1st weeding & Manuring   | Aug/Sep   | 15         | 5175         | 0            | 5175         |
| 8                           | 2nd Weeding, Soil working (1 mt. diameter around the plants) & Manuring  | Oct/Nov   | 20         | 6900         | 0            | 6900         |
| 9                           | Fire line tracing (2 m. wide fire line over 400m long) including maintenance of inspection path.   | Feb/Mar   | 3          | 1035         | 0            | 1035         |
| 10                          | Watch & Ward including watering as per requirement   | Aug/Mar   | 12         | 4140         | 0            | 4140         |
| <b>Total</b>                |  |           | <b>105</b> | <b>36225</b> | <b>23360</b> | <b>59585</b> |
| <b>2nd Year Maintenance</b> |  |           |            |              |              |              |
| 1                           | Transportation of 100 seedlings from Nursery to plantation site Including loading, unloading & conveyance by Tractor @ Rs. 6/- per seedling  | Jul       | 0          | 0            | 960          | 960          |
| 2                           | Casualty replacement-10%   | Jul       | 4          | 1380         | 0            | 1380         |
| 3                           | Cost of Fertilizer & Insecticide<br>(a) Cost of Insectide/ Bio-pesticide @ gms/ plant=0.5 kg @ Rs.150/- per kg=Rs.75/-<br>(b) Urea/NPK/Bio-fertilizer/Vermicompost/Mo Khata/any other fertilizer@ Rs. 2800/- | Jul/Aug   | 0          | 0            | 4606         | 4606         |
| 4                           | Weeding ( Complete weeding), manuring & Soil working, (1 m. diameter around the plants)  | Sep/Oct   | 20         | 6900         | 0            | 6900         |
| 5                           | Fire line tracing (2 m. wide fire line over 400m long) including maintenance of inspection path.   | Feb/Mar   | 3          | 1035         | 0            | 1035         |
| 6                           | Watch & Ward including watering as per requirement   | April/Mar | 18         | 6210         | 0            | 6210         |
| 7                           | Maintenance of Temporary Labour Shed, Drinking water facility and Fist Aid etc.  | April/Mar |            | 0            | 1000         | 1000         |
| <b>Total</b>                |  |           | <b>45</b>  | <b>15525</b> | <b>6566</b>  | <b>22091</b> |
| <b>3rd Year Maintenance</b> |  |           |            |              |              |              |
| 1                           | Cost of fertilizer(Urea/NPK/Bio-fertilizer/Vermicompost/Mo Khata/any other fertilizer  | Jul/Aug   | 0          | 0            | 4486         | 4486         |
| 2                           | Weeding ( Complete weeding), Manuring & Soil working, (1 m. diameter around the plants)  | Sep/Oct   | 20         | 6900         | 0            | 6900         |
| 3                           | Fire line tracing (2 m. wide fire line over 400m long) including maintenance of inspection path.   | Feb/Mar   | 3          | 1035         | 0            | 1035         |
| 4                           | Watch & Ward including watering as per requirement   | April/Mar | 18         | 6210         | 0            | 6210         |
| 5                           | Maintenance of Temporary Labour Shed, Drinking water facility and Fist Aid etc.  | April/Mar | 0          | 0            | 1000         | 1000         |
| <b>Total</b>                |  |           | <b>41</b>  | <b>14145</b> | <b>5486</b>  | <b>19631</b> |
| <b>4th Year Maintenance</b> |  |           |            |              |              |              |
| 1                           | Fire line tracing (2 m. wide fire line over 400m long) including maintenance of inspection path.   | Feb/Mar   | 3          | 1035         | 0            | 1035         |
| 2                           | Watch & Ward including maintenance of vegetative fencing   | April/Mar | 18         | 6210         | 0            | 6210         |



|                              |  |              |           |             |          |             |
|------------------------------|--|--------------|-----------|-------------|----------|-------------|
|                              |  | <b>Total</b> | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>5th Year Maintenance</b>  |  |              |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar      | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar    | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |              | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>6th Year Maintenance</b>  |  |              |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar      | 3         | 1035        | 0        | 1035        |
| 2                            | Pruning of branches, Sigling out of multiple shots       | Jan/Mar      | 5         | 1725        | 0        | 1725        |
| 3                            | Watch & Ward   | April/Mar    | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |              | <b>26</b> | <b>8970</b> | <b>0</b> | <b>8970</b> |
| <b>7th Year Maintenance</b>  |  |              |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar      | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar    | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |              | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>8th Year Maintenance</b>  |  |              |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar      | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar    | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |              | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>9th Year Maintenance</b>  |  |              |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar      | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar    | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |              | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>10th Year Maintenance</b> |  |              |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar      | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar    | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |              | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>11th Year Maintenance</b> |  |              |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar      | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar    | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |              | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>12th Year Maintenance</b> |  |              |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar      | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar    | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |              | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>13th Year Maintenance</b> |  |              |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar      | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar    | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |              | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>14th Year Maintenance</b> |  |              |           |             |          |             |



|                              |  |           |           |             |          |             |
|------------------------------|--|-----------|-----------|-------------|----------|-------------|
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar   | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |           | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>15th Year Maintenance</b> |  |           |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar   | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |           | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>16th Year Maintenance</b> |  |           |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar   | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |           | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>17th Year Maintenance</b> |  |           |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar   | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |           | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>18th Year Maintenance</b> |  |           |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar   | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |           | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>19th Year Maintenance</b> |  |           |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar   | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |           | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>20th Year Maintenance</b> |  |           |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar   | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |           | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |

**Year wise Abstract of Cost Norm (showing seedling cost separately)**

| Sl. No | Year     | No. of Mandays | Labour cost (In Rs) | Material Cost(In Rs.) | Monitoring, Evaluation, Learoing, Documentation and Other Contingency (5%) of (4+5) | Cost of Seedlings @ Rs. 54.54 per seedlings | Total Cost (In Rs.) |
|--------|----------|----------------|---------------------|-----------------------|---|---|---------------------|
| 1      | 2        | 3              | 4                   | 5                     | 6   | 7   | 8                   |
| 1      | 0th year | 82             | 28290               | 3600                  | 1594.5  | 0   | 33484.5             |
| 2      | 1st year | 105            | 36225               | 14600                 | 2541.25   | 54542.6                                     | 107908.85           |
| 3      | 2nd year | 45             | 15525               | 4475                  | 1000  | 5454.2                                      | 26454.2             |
| 4      | 3rd year | 41             | 14145               | 3800                  | 897.25  | 0   | 18842.25            |
| 5      | 4th year | 21             | 7245                | 0                     | 362.25  | 0   | 7607.25             |
| 6      | 5th year | 21             | 7245                | 0                     | 362.25  | 0   | 7607.25             |
| 7      | 6th year | 26             | 8970                | 0                     | 448.50  | 0   | 9418.50             |



|       |           |     |        |       |         |         |          |
|-------|-----------|-----|--------|-------|---------|---------|----------|
| 8     | 7th year  | 21  | 7245   | 0     | 362.25  | 0       | 7607.25  |
| 9     | 8th year  | 21  | 7245   | 0     | 362.25  | 0       | 7607.25  |
| 10    | 9th year  | 21  | 7245   | 0     | 362.25  | 0       | 7607.25  |
| 11    | 10th year | 21  | 7245   | 0     | 362.25  | 0       | 7607.25  |
| 12    | 11th year | 21  | 7245   | 0     | 362.25  | 0       | 7607.25  |
| 13    | 12th year | 21  | 7245   | 0     | 362.25  | 0       | 7607.25  |
| 14    | 13th year | 21  | 7245   | 0     | 362.25  | 0       | 7607.25  |
| 15    | 14th year | 21  | 7245   | 0     | 362.25  | 0       | 7607.25  |
| 16    | 15th year | 21  | 7245   | 0     | 362.25  | 0       | 7607.25  |
| 17    | 16th year | 21  | 7245   | 0     | 362.25  | 0       | 7607.25  |
| 18    | 17th year | 21  | 7245   | 0     | 362.25  | 0       | 7607.25  |
| 19    | 18th year | 21  | 7245   | 0     | 362.25  | 0       | 7607.25  |
| 20    | 19th year | 21  | 7245   | 0     | 362.25  | 0       | 7607.25  |
| 21    | 20th year | 21  | 7245   | 0     | 362.25  | 0       | 7607.25  |
| Total |           | 635 | 219075 | 26475 | 12277.5 | 59996.8 | 317824.3 |

Base Cost Norm for AR Plantation @1000 seedlings per ha (18 months old seedlings)  
@Rs.345.00/- Mandays as per revised wage rate by Labour Commissioner, Odisha,  
Bhubaneswar vide Notification No. 2500/LC dated 05.04.2023. Onetime cost norm provided by  
the PCCF, Odisha, Bhubaneswar vide their O.O. No. 1109 dated 08.11.2021.

| Sl. No   | Items of work   | Preferable Period of Execution | No of Mandays | Labour Cost (In Rs.) | Material Cost (In Rs.) | Total cost (In Rs.) |
|--|---|--------------------------------|---------------|----------------------|------------------------|---------------------|
| 1  | 2   | 3                              | 4             | 5                    | 6                      | 7                   |
| <b>0th Year (Advance work) Per- Plantation Operation</b> |   |                                |               |                      |                        |                     |
| 1  | Survey, Demarcation and Pillar posting  | Nov/Dec                        | 2             | 690                  | 0                      | 690                 |
| 2  | Preparation of Treatment Map (Digital Map)  | Nov/Dec                        | 1             | 345                  | 100                    | 445                 |
| 3  | Site preparation (Cleaning & removal of debris)   | Nov/Dec                        | 12            | 4140                 | 0                      | 4140                |
| 4  | Creation of 4.00 mt wide Inspection Path  | Feb/Mar                        | 1             | 345                  | 0                      | 345                 |
| 5  | Alignment and stacking of pits  | Feb/Mar                        | 1             | 345                  | 0                      | 345                 |
| 6  | Digging of pits (45 cm x 45 cm x 45 cm) in hard and gravelly soil   | Feb/Mar                        | 40            | 13800                | 0                      | 13800               |
| 7  | Construction of Temporary labour Shed, Drinking water facility and First-Aid etc.   | Jan/Mar                        | 0             | 0                    | 3500                   | 3500                |
| Total  |   |                                | 57            | 19665                | 3600                   | 23265               |
| <b>1st Year /Plantation Year</b>                         |   |                                |               |                      |                        |                     |
| 1  | Refilling of pits by altering the dugout soil of the pits, application of organic compounds/ CDM/FYM & mixing the same properly.  | Jun/Jul                        | 7.5           | 2587.5               | 5000                   | 7587.5              |
| 2  | Transportation of 18 months old polythin bag seedlings in hired truck /tractor from the Permanent /Mega nursery to planting site including loading & unloading. (Average load of 10 Rkm) & stacking the seedling @ Rs. 6/- per Seedling.(1100 nos.) | Jul/Aug                        | 0             | 0                    | 6600                   | 6600                |
| 3  | Watering poly pot seedlings at planting site.   | Jul/Aug                        | 2             | 690                  | 0                      | 690                 |



|                             |  |           |             |                |              |                |
|-----------------------------|--|-----------|-------------|----------------|--------------|----------------|
| 4                           | Conveyance of poly pot seedling on head load from the stacking site to individual dugout pits within the planting site, applying insecticide, fertilizers 7 planting after scoping the soil with other applied materials & pressing the soil perfectly around the planted seedlings.             | Jul/Aug   | 22.5        | 7762.5         | 0            | 7762.5         |
| 5                           | Cost of Fertilizer & Insecticide<br>(a) NPK/Bin-fertilizer @ 50 gms/plant as basal dose=50kg@ Rs.30/-per kg=Rs. 1500.00<br>(b) Urea/Vermicompost/Mo Khata/any other fertilizer in two subsequent dose @ Rs. 750.00<br>©Insecticide/ Bio-pesticide @ 5 gms/plant=5 kg @ Rs.15/- per kg=Rs. 750.00 | Jul/Aug   | 0           | 0              | 3000         | 3000           |
| 6                           | Casualty Replacement @ 10th (100 nos)  | Jul/Aug   | 2.5         | 862.5          | 0            | 862.5          |
| 7                           | 1st weeding & Manuring   | Aug/Sep   | 12          | 4140           | 0            | 4140           |
| 8                           | 2nd Weeding , Soil working (1 mt. diameter around the plants) & Manuring   | Oct/Nov   | 15          | 5175           | 0            | 5175           |
| 9                           | Fire line tracing (2 m. wide fire line over 400m long) including maintenance of inspection path.   | Feb/Mar   | 3           | 1035           | 0            | 1035           |
| 10                          | Watch & Ward including watering as per requirement   | Aug/Mar   | 12          | 4140           | 0            | 4140           |
| <b>Total</b>                |  |           | <b>76.5</b> | <b>26392.5</b> | <b>14600</b> | <b>40992.5</b> |
| <b>2nd Year Maintenance</b> |  |           |             |                |              |                |
| 1                           | Transportation of 100 seedlings from Nursery to plantation site Including loading, unloading & conveyance by Tractor @ Rs. 6/- per seedling  | Jul       | 0           | 0              | 600          | 600            |
| 2                           | Casualty replacement-10%   | Jul       | 2.5         | 862.5          | 0            | 862.5          |
| 3                           | Cost of Fertilizer & Insecticide<br>(a) Cost of Insecticide/ Bio-pesticide @ gms/ plant=0.5 kg @ Rs.150/- per kg=Rs.75/-<br>(b) Urea/NPK/Bio-fertilizer/Vermicompost/Mo Khata/any other fertilizer@ Rs. 2800/-   | Jul/Aug   | 0           | 0              | 2875         | 2875           |
| 4                           | Weeding ( Complete weeding), manuring & Soil working, (1 m. diameter around the plants)  | Sep/Oct   | 15          | 5175           | 0            | 5175           |
| 5                           | Fire line tracing (2 m. wide fire line over 400m long) including maintenance of inspection path.   | Feb/Mar   | 3           | 1035           | 0            | 1035           |
| 6                           | Watch & Ward including watering as per requirement   | April/Mar | 18          | 6210           | 0            | 6210           |
| 7                           | Maintenance of Temporary Labour Shed, Drinking water facility and Fist Aid etc.  | April/Mar |             | 0              | 1000         | 1000           |
| <b>Total</b>                |  |           | <b>38.5</b> | <b>13282.5</b> | <b>4475</b>  | <b>17757.5</b> |
| <b>3rd Year Maintenance</b> |  |           |             |                |              |                |
| 1                           | Cost of fertilizer(Urea/NPK/Bio-fertilizer/Vermicompost/Mo Khata/any other fertilizer  | Jul/Aug   | 0           | 0              | 2800         | 2800           |



|                              |  |           |           |              |             |              |
|------------------------------|--|-----------|-----------|--------------|-------------|--------------|
| 2                            | Weeding ( Complete weeding),<br>Manuring & Soil working, (1 m.<br>diameter around the plants)          | Sep/Oct   | 15        | 5175         | 0           | 5175         |
| 3                            | Fire line tracing (2 m. wide fire line<br>over 400m long) including maintenance<br>of inspection path. | Feb/Mar   | 3         | 1035         | 0           | 1035         |
| 4                            | Watch & Ward including watering as<br>per requirement  | April/Mar | 18        | 6210         | 0           | 6210         |
| 5                            | Maintenance of Temporary Labour<br>Shed, Drinking water facility and Fist<br>Aid etc.                  | April/Mar | 0         | 0            | 1000        | 1000         |
| <b>Total</b>                 |  |           | <b>36</b> | <b>12420</b> | <b>3800</b> | <b>16220</b> |
| <b>4th Year Maintenance</b>  |  |           |           |              |             |              |
| 1                            | Fire line tracing (2 m. wide fire line<br>over 400m long) including maintenance<br>of inspection path. | Feb/Mar   | 3         | 1035         | 0           | 1035         |
| 2                            | Watch & Ward including maintenance<br>of vegetative fencing  | April/Mar | 18        | 6210         | 0           | 6210         |
| <b>Total</b>                 |  |           | <b>21</b> | <b>7245</b>  | <b>0</b>    | <b>7245</b>  |
| <b>5th Year Maintenance</b>  |  |           |           |              |             |              |
| 1                            | Fire line tracing (2 m. wide fire line<br>over 400m length)  | Feb/Mar   | 3         | 1035         | 0           | 1035         |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210         | 0           | 6210         |
| <b>Total</b>                 |  |           | <b>21</b> | <b>7245</b>  | <b>0</b>    | <b>7245</b>  |
| <b>6th Year Maintenance</b>  |  |           |           |              |             |              |
| 1                            | Fire line tracing (2 m. wide fire line<br>over 400m length)  | Feb/Mar   | 3         | 1035         | 0           | 1035         |
| 2                            | Pruning of branches, Singling out of<br>multiple shots   | Jan/Mar   | 3         | 1035         | 0           | 1035         |
| 3                            | Watch & Ward   | April/Mar | 18        | 6210         | 0           | 6210         |
| <b>Total</b>                 |  |           | <b>24</b> | <b>8280</b>  | <b>0</b>    | <b>8280</b>  |
| <b>7th Year Maintenance</b>  |  |           |           |              |             |              |
| 1                            | Fire line tracing (2 m. wide fire line<br>over 400m length)  | Feb/Mar   | 3         | 1035         | 0           | 1035         |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210         | 0           | 6210         |
| <b>Total</b>                 |  |           | <b>21</b> | <b>7245</b>  | <b>0</b>    | <b>7245</b>  |
| <b>8th Year Maintenance</b>  |  |           |           |              |             |              |
| 1                            | Fire line tracing (2 m. wide fire line<br>over 400m length)  | Feb/Mar   | 3         | 1035         | 0           | 1035         |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210         | 0           | 6210         |
| <b>Total</b>                 |  |           | <b>21</b> | <b>7245</b>  | <b>0</b>    | <b>7245</b>  |
| <b>9th Year Maintenance</b>  |  |           |           |              |             |              |
| 1                            | Fire line tracing (2 m. wide fire line<br>over 400m length)  | Feb/Mar   | 3         | 1035         | 0           | 1035         |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210         | 0           | 6210         |
| <b>Total</b>                 |  |           | <b>21</b> | <b>7245</b>  | <b>0</b>    | <b>7245</b>  |
| <b>10th Year Maintenance</b> |  |           |           |              |             |              |
| 1                            | Fire line tracing (2 m. wide fire line<br>over 400m length)  | Feb/Mar   | 3         | 1035         | 0           | 1035         |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210         | 0           | 6210         |
| <b>Total</b>                 |  |           | <b>21</b> | <b>7245</b>  | <b>0</b>    | <b>7245</b>  |
| <b>11th Year Maintenance</b> |  |           |           |              |             |              |



|                              |  |           |           |             |          |             |
|------------------------------|--|-----------|-----------|-------------|----------|-------------|
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar   | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |           | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>12th Year Maintenance</b> |  |           |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar   | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |           | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>13th Year Maintenance</b> |  |           |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar   | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |           | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>14th Year Maintenance</b> |  |           |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar   | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |           | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>15th Year Maintenance</b> |  |           |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar   | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |           | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>16th Year Maintenance</b> |  |           |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar   | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |           | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>17th Year Maintenance</b> |  |           |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar   | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |           | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>18th Year Maintenance</b> |  |           |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar   | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |           | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>19th Year Maintenance</b> |  |           |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar   | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |           | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |
| <b>20th Year Maintenance</b> |  |           |           |             |          |             |
| 1                            | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar   | 3         | 1035        | 0        | 1035        |
| 2                            | Watch & Ward   | April/Mar | 18        | 6210        | 0        | 6210        |
|                              | <b>Total</b>   |           | <b>21</b> | <b>7245</b> | <b>0</b> | <b>7245</b> |



**Year wise Abstract of Cost Norm (showing seedling cost separately)**

| Sl. No | Year         | No. of Mandays | Labour cost (In Rs) | Material Cost(In Rs.) | Monitoring, Evaluation, Learning, Documentation and Other Contingency (5%) of (4+5) | Cost of Seedlings @ Rs. 54.54 per seedlings | Total Cost (In Rs.) |
|--------|--------------|----------------|---------------------|-----------------------|---|---|---------------------|
| 1      | 2            | 3              | 4                   | 5                     | 6   | 7   | 8                   |
| 1      | 0th year     | 57             | 19665               | 3600                  | 1163.25   | 0   | 24428.25            |
| 2      | 1st year     | 76.5           | 26392.5             | 14600                 | 2049.625  | 54542.6                                     | 97584.725           |
| 3      | 2nd year     | 38.5           | 13282.5             | 4475                  | 887.875   | 5454.2                                      | 24099.575           |
| 4      | 3rd year     | 36             | 12420               | 3800                  | 811.00  | 0   | 17031.00            |
| 5      | 4th year     | 21             | 7245                | 0                     | 362.25  | 0   | 7607.25             |
| 6      | 5th year     | 21             | 7245                | 0                     | 362.25  | 0   | 7607.25             |
| 7      | 6th year     | 24             | 8280                | 0                     | 414.00  | 0   | 8694.00             |
| 8      | 7th year     | 21             | 7245                | 0                     | 362.25  | 0   | 7607.25             |
| 9      | 8th year     | 21             | 7245                | 0                     | 362.25  | 0   | 7607.25             |
| 10     | 9th year     | 21             | 7245                | 0                     | 362.25  | 0   | 7607.25             |
| 11     | 10th year    | 21             | 7245                | 0                     | 362.25  | 0   | 7607.25             |
| 12     | 11th year    | 21             | 7245                | 0                     | 362.25  | 0   | 7607.25             |
| 13     | 12th year    | 21             | 7245                | 0                     | 362.25  | 0   | 7607.25             |
| 14     | 13th year    | 21             | 7245                | 0                     | 362.25  | 0   | 7607.25             |
| 15     | 14th year    | 21             | 7245                | 0                     | 362.25  | 0   | 7607.25             |
| 16     | 15th year    | 21             | 7245                | 0                     | 362.25  | 0   | 7607.25             |
| 17     | 16th year    | 21             | 7245                | 0                     | 362.25  | 0   | 7607.25             |
| 18     | 17th year    | 21             | 7245                | 0                     | 362.25  | 0   | 7607.25             |
| 19     | 18th year    | 21             | 7245                | 0                     | 362.25  | 0   | 7607.25             |
| 20     | 19th year    | 21             | 7245                | 0                     | 362.25  | 0   | 7607.25             |
| 21     | 20th year    | 21             | 7245                | 0                     | 362.25  | 0   | 7607.25             |
|        | <b>Total</b> | <b>568</b>     | <b>195960</b>       | <b>26475</b>          | <b>11121.75</b>   | <b>59996.8</b>                              | <b>293553.55</b>    |

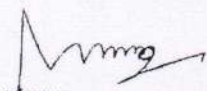


**Cost Norms for Creation of Compensatory Afforestation with Stabilization of Soil  
Moisture Conservation (SMC)**

| Annexure-11<br>Cost Norms for creation of Compensatory Afforestation with Stabilization of Soil & Conservation of Moisture (1000) |   |                                |            |
|---|---|--------------------------------|------------|
| WAGE RATE Rs- 311/- PER DAY   |   |                                |            |
| Sl.No   | Item of Works   | Preferable Period of Execution | Total Cost |
| 0th Year (Pre-Planting Operation)   |   |                                |            |
| 1   | Nil   |                                | 0          |
| 1st Year  |   |                                |            |
| 2   | Soil Conservation measure structures like Staggered Trench, Percolation pit, Contour trench, Graded earthen bund, LBCD, Wire mesh LBCD, Sub surface Dyke & W/S as per the slope & site requirement on L.S | Apr/Sept.                      | 20,215     |
| 2nd Year  |   |                                |            |
| 3   | Maintenance of SMC structures @ 15 % of initial year cost   | Apr/jul                        | 3,032      |
| 3rd Year  |   |                                |            |
| 4   | Maintenance of SMC structures @ 15 % of initial year cost   | Apr/jul                        | 3,032      |
| 4th Year  |   |                                |            |
| 5   | Maintenance of SMC structures @ 15 % of initial year cost   | Apr/jul                        | 3,032      |
| 5th Year  |   |                                |            |
| 5   | Maintenance of SMC structures @ 15 % of initial year cost   | Apr/jul                        | 3,032      |
| Total   |   |                                | 32,343.0   |

| Abstract |          |                 |                                |               |                  |
|----------|----------|-----------------|--------------------------------|---------------|------------------|
| Sl. No   | Year     | No. person days | Labour cost @ Rs. 311/-per day | Material Cost | Total cost (Rs.) |
| 1        | 0th year | 0.0             | 0.0                            | 0.0           | 0.0              |
| 2        | 1st year | 0.0             | 0.0                            | 20,215.0      | 20,215.00        |
| 3        | 2nd year | 0.0             | 0.0                            | 3,032.00      | 3,032.00         |
| 4        | 3rd year | 0.0             | 0.0                            | 3,032.00      | 3,032.00         |
| 5        | 4th year | 0.0             | 0.0                            | 3,032.00      | 3,032.00         |
| 6        | 5th year | 0.0             | 0.0                            | 3,032.00      | 3,032.00         |
| Total    |          | 0.00            | 0.00                           | 32,343.0      | 32,343.0         |

Different types of SMC structures may be taken up as per the scope & requirements of the plantation site out of the design & specification of different structures annexed along this document.

  
A.P.C.I.F. (Forest Division & NQ, FC Act)



# Matrix for (SMC)

## Matrix for (SMC)

| Sl. NO. | Commence ment Year | I | II    | III   | IV    | V     | VI    | VII   | VIII  | IX    | X     | XI    | XII  | XIII | XIV  | XV   | XVI | Total Cost |
|---------|--------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|-----|------------|
|         | Base Norm          | 0 | 20215 | 3032  | 3032  | 3032  | 3032  |       |       |       |       |       |      |      |      |      |     |            |
| 1       | 2021-22            | 0 | 2726  | 3342  | 3510  | 3655  | 3670  |       |       |       |       |       |      |      |      |      |     | 35633      |
| 2       | 2022-23            |   | 0     | 22287 | 3509  | 3656  | 3659  | 4054  |       |       |       |       |      |      |      |      |     | 37415      |
| 3       | 2023-24            |   |       | 0     | 23401 | 2654  | 3670  | 4057  | 4257  |       |       |       |      |      |      |      |     | 39284      |
| 4       | 2024-25            |   |       |       | 0     | 24771 | 3868  | 4054  | 4255  | 4480  |       |       |      |      |      |      |     | 41248      |
| 5       | 2025-26            |   |       |       |       | 0     | 25802 | 4057  | 4257  | 4476  | 4704  |       |      |      |      |      |     | 43310      |
| 6       | 2026-27            |   |       |       |       |       | 0     | 27090 | 4254  | 4480  | 4704  | 4939  |      |      |      |      |     | 45475      |
| 7       | 2027-28            |   |       |       |       |       |       | 0     | 28443 | 4477  | 4704  | 4937  | 5156 |      |      |      |     | 47749      |
| 8       | 2028-29            |   |       |       |       |       |       |       | 0     | 29857 | 4704  | 4939  | 5186 | 5445 |      |      |     | 50136      |
| 9       | 2029-30            |   |       |       |       |       |       |       |       | 0     | 31360 | 4936  | 5186 | 5445 | 5717 |      |     | 52642      |
| 10      | 2030-31            |   |       |       |       |       |       |       |       |       | 0     | 31978 | 5183 | 5445 | 5715 | 6003 |     | 55274      |

In Rupees

APCCF (Forest Diversion & NO, FC Act)



## Fencing Model F-II

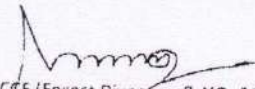
### Fencing for Compensatory Plantation raised outside the Forest Areas using Angle Iron & Chain Link Fencing

| Fencing Model-F-II   |   |                                |          |        |                     |                          |
|--|---|--------------------------------|----------|--------|---------------------|--------------------------|
| Fencing for Compensatory Plantation raised outside the Forest Areas using Angle Iron & Chain Link wire mesh (250 Rmt/ Ha.) |   |                                |          |        |                     |                          |
| WAGE RATE Rs. 311/- PER DAY  |   |                                |          |        |                     |                          |
| Sl. No.  | Items of work   | Preferable Period of Execution | Man days | Wages  | Material cost (Rs.) | Total Cost (Rs. per Ha.) |
| 0th Year (PPO)   |   |                                |          |        |                     |                          |
| 1  | Excavation of trench 30 cm x 30 cm at a distance 3 mt. C 40mm x C 40mm x 0.10m - 0.065 x 85 = 5.375 cum @ Rs. 140/ cum - Rs. 754                |                                | 2.42     | 752.62 | 0.0                 | 752.6                    |
| 2  | Cement concrete (1:1:4) using 40 mm BHC metal 84 X 0.40m X 0.40m X 0.10m - 1.334 cum @ 3755.94/cum  |                                | 0        | 0      | 5,047.4             | 5,047.4                  |
| 3  | Angle iron pole of size 50 mm X 50 mm X 6 mm of height 2.40 mt. 84 x 2.40 = 201.60 Sq.mt. @ 4.50/kg/ Sq.mt. = 907.20 kg @ 60.50 per kg          |                                |          |        | 63,050.0            | 63,050.0                 |
| 4  | Cement concrete (1:1:4) for filling the trench upto under edge 12mm BHC chip 84 X 0.40m X 0.40m X 0.30m = 4.032 cum @ 1486.77/cum               |                                |          |        | 22,123.0            | 22,123.0                 |
| 5  | Cost of chain link mesh using 4 mm dia GI wire having gap size 50 mm X 50 mm 250 Rmt @ 7.25 Sq.mt @ 441/Sq.mt = Rs. 1,23,775                    |                                |          |        | 1,73,775.0          | 1,73,775.0               |
| 6  | Double coat painting of iron angle pole by oil based primer using good quality emulsion paint 84 x 2.40 x 0.20 = 39.24 sq.mt @ Rs. 108.00/Sq.mt |                                |          |        | 3,830.0             | 3,830.0                  |
| 7  | Painting of GI Chain link mesh 250 x 2.40 x 2 = 1200/10 = 120 Sq.mt @ Rs. 104.00 Sq.mt  |                                |          |        | 11,424.0            | 11,424.0                 |
| 8  | Transportation of chain link mesh, iron angle, Strengthening & fitting of chain link mesh etc. @ 2% of the total cost                           |                                |          |        | 5,600.0             | 5,600.0                  |
| TOTAL  |   |                                | 2.42     | 752.62 | 2,84,857.4          | 2,85,610.0               |
| Rate per running mt. 2,85,610/ 250 = Rs. 1142/Rmt  |   |                                |          |        |                     |                          |
| 1st Year Maintenance   |   |                                |          |        |                     |                          |
| 1  | No Maintenance required   | Sept./Oct                      | 0        | 0      | 0                   | 0                        |
| 2nd Year Maintenance   |   |                                |          |        |                     |                          |
| 1  | Maintenance of wire mesh fence @ 1% per running mt. cost of installation in 1st yr. 1142x 1% = 11.42 say Rs. 11                                 | Sept./Oct                      | 0        | 0      | 11000               | 11000                    |
| 3rd Year Maintenance   |   |                                |          |        |                     |                          |
| 1  | Maintenance of wire mesh fence @ 1% per running mt. cost of installation in 1st yr. 1142x 1% = 11.42 say Rs. 11                                 | Sept./Oct                      | 0        | 0      | 11000               | 11000                    |
| 4th Year Maintenance   |   |                                |          |        |                     |                          |
| 1  | Maintenance of wire mesh fence @ 1% per running mt. cost of installation in 1st yr. 1142x 1% = 11.42 say Rs. 11                                 | Sept./Oct                      | 0        | 0      | 11000               | 11000                    |
| 5th Year Maintenance   |   |                                |          |        |                     |                          |
| 1  | Maintenance of wire mesh fence @ 1% per running mt. cost of installation in 1st yr. 1142x 1% = 11.42 say Rs. 11                                 | Sept./Oct                      | 0        | 0      | 11000               | 11000                    |
| 6th Year Maintenance   |   |                                |          |        |                     |                          |
| 1  | Maintenance of wire mesh fence @ 1% per running mt. cost of installation in 1st yr. 1142x 1% = 11.42 say Rs. 11                                 | Sept./Oct                      | 0        | 0      | 11000               | 11000                    |
| 7th Year Maintenance   |   |                                |          |        |                     |                          |
| 1  | Maintenance of wire mesh fence @ 1% per running mt. cost of installation in 1st yr. 1142x 1% = 11.42 say Rs. 11                                 | Sept./Oct                      | 0        | 0      | 11000               | 11000                    |
| 8th Year Maintenance   |   |                                |          |        |                     |                          |
| 1  | Maintenance of wire mesh fence @ 1% per running mt. cost of installation in 1st yr. 1142x 1% = 11.42 say Rs. 11                                 | Sept./Oct                      | 0        | 0      | 11000               | 11000                    |
| 9th Year Maintenance   |   |                                |          |        |                     |                          |
| 1  | Maintenance of wire mesh fence @ 1% per running mt. cost of installation in 1st yr. 1142x 1% = 11.42 say Rs. 11                                 | Sept./Oct                      | 0        | 0      | 11000               | 11000                    |
| 10th Year Maintenance  |   |                                |          |        |                     |                          |



| Sl. No | Items of work  | Preferable Period of Execution | Man days | Wages | Material cost (Rs) | Total Cost (Rs. per Ha.) |
|--------|--|--------------------------------|----------|-------|--------------------|--------------------------|
| 1      | Maintenance of wire mesh fence @ 1% per running mt. cost of installation in 1st yr.<br>11428.75 @ 11.42 say Rs. 11 | Sept./Oct                      | 0        | 0     | 11000              | 11000                    |

| Abstract |           |                 |                                 |               |                  |
|----------|-----------|-----------------|---------------------------------|---------------|------------------|
| Sl. No   | Year      | No. person days | Labour cost @ Rs. 311/- per day | Material Cost | Total cost (Rs.) |
| 1        | 0th year  |                 |                                 |               |                  |
| 2        | 1st year  | 2.42            | 752.6                           | 284857.4      | 285610.0         |
| 3        | 2nd year  | 0.0             | 0.0                             | 0.0           | 0.0              |
| 4        | 3rd year  | 0.0             | 0.0                             | 11000.0       | 11000.0          |
| 5        | 4th year  | 0.0             | 0.0                             | 11000.0       | 11000.0          |
| 6        | 5th year  | 0.0             | 0.0                             | 11000.0       | 11000.0          |
| 7        | 6th year  | 0.0             | 0.0                             | 11000.0       | 11000.0          |
| 8        | 7th year  | 0.0             | 0.0                             | 11000.0       | 11000.0          |
| 9        | 8th year  | 0.0             | 0.0                             | 11000.0       | 11000.0          |
| 10       | 9th year  | 0.0             | 0.0                             | 11000.0       | 11000.0          |
| 11       | 10th year | 0.0             | 0.0                             | 11000.0       | 11000.0          |
| Total:   |           | 2.42            | 752.62                          | 303857.4      | 3,84,610.0       |

  
APCEF (Forest Diversion & NO, FC Act)



# Matrix for Model-F-II Fencing (Angle Iron & Chain Link Fencing)

Matrix for Fencing Model-F-II (Iron angle with Chainlink wire mesh)

| Sl. No. | Year    | I      | II | III   | IV    | V     | VI    | VII   | VIII  | IX    | X     | XI    | XII   | XIII  | XIV   | XV    | XVI   | XVII  | XVIII | XIX   | XX    | Total Cost |
|---------|---------|--------|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|
| 1       | 2021-22 | 285510 | 0  | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 419151     |
| 2       | 2022-23 |        |    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 440299     |
| 3       | 2023-24 |        |    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 442158     |
| 4       | 2024-25 |        |    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 463534     |
| 5       | 2025-26 |        |    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 529725     |
| 6       | 2026-27 |        |    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 531191     |
| 7       | 2027-28 |        |    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 561951     |
| 8       | 2028-29 |        |    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 550049     |
| 9       | 2029-30 |        |    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 619012     |
| 10      | 2030-31 |        |    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 500511     |

A/CCF (Forest Division & NO. 10 A/D)



## Watering Model – W-II

### Watering Provision to CA Plantation

| Watering Model-W-II   |  |                 |                                 |                     |
|---|--|-----------------|---------------------------------|---------------------|
| Watering provision to CA Plantation   |  |                 |                                 |                     |
| Diesel pump set with Bore well (1 pump set + Bore well for 5 Ha Plantation), Wage rate @ Rs 311/- |  |                 |                                 |                     |
| Year of Installation (0th Year)   |  |                 |                                 |                     |
| 1   | Cost of Borewell   |                 | 1,50,000                        |                     |
| 2   | Cost of Diesel pump set 5HP  |                 | 60,000                          |                     |
| 3   | Diesel pump set & accessories like commander, Pipes, etc                                     |                 | 30,000                          |                     |
| 4   | Water Storage Tanks/ Flexible pipes  |                 | 15,000                          |                     |
|   | Cost of Water per Plant (2,55,000/ 5000) = Rs. 51/-  |                 | 2,55,000                        |                     |
|   | Cost of Water per Ha = Rs 51,000/-   |                 |                                 | 51,000              |
| 1st Year Watering   |  |                 |                                 |                     |
| 1   | Recurring expenditure i.e Diesel, Mobil, Engine Oil, etc. for pumping Water -21 x 1000-      |                 |                                 | 21,000              |
| 2   | Watering 1000 Plants (Nov-Mar.) @ 200 plants/MD with 7 days rotation                         |                 |                                 | 31,100              |
|   | 20 MD x 5 months = 100 MD x 311 =  |                 |                                 |                     |
|   |  |                 |                                 | <b>Total 52,100</b> |
| 2nd Year Watering   |  |                 |                                 |                     |
| 1   | Recurring expenditure i.e Diesel, Mobil, Engine Oil, etc. for pumping Water -21 x 1000-      |                 |                                 | 21,000              |
|   | Maintenance Diesel pump set etc. @ 15 % of the installation cost.                            |                 |                                 | 7,650               |
| 2   | Watering 1000 Plants (April- June & Nov-Mar.- 8 months) @ 200 plants/MD with 7 days rotation |                 |                                 | 49,760              |
|   | 20 MD x 8 months = 160 MD x 311 =  |                 |                                 |                     |
|   |  |                 |                                 | <b>Total 78,410</b> |
| 3rd Year Watering   |  |                 |                                 |                     |
| 1   | Recurring expenditure i.e Diesel, Mobil, Engine Oil, etc. for pumping Water -21 x 1000-      |                 |                                 | 21,000              |
|   | Maintenance Diesel pump set etc. @ 15 % of the installation cost.                            |                 |                                 | 7,650               |
| 2   | Watering 1000 Plants (April- June & Nov-Mar.- 8 months) @ 200 plants/MD with 7 days rotation |                 |                                 | 49,760              |
|   | 20 MD x 8 months = 160 MD x 311 =  |                 |                                 |                     |
|   |  |                 |                                 | <b>Total 78,410</b> |
| 4th Year Watering   |  |                 |                                 |                     |
| 1   | Recurring expenditure i.e Diesel, Mobil, Engine Oil, etc. for pumping Water -21 x 1000-      |                 |                                 | 21,000              |
|   | Maintenance Diesel pump set etc. @ 15 % of the installation cost.                            |                 |                                 | 7,650               |
| 2   | Watering 1000 Plants (April- June & Nov-Mar.- 8 months) @ 200 plants/MD with 7 days rotation |                 |                                 | 49,760              |
|   | 20 MD x 8 months = 160 MD x 311 =  |                 |                                 |                     |
|   |  |                 |                                 | <b>Total 78,410</b> |
| 5th Year Watering   |  |                 |                                 |                     |
| 1   | Recurring expenditure i.e Diesel, Mobil, Engine Oil, etc. for pumping Water -21 x 1000-      |                 |                                 | 21,000              |
|   | Maintenance Diesel pump set etc. @ 15 % of the installation cost.                            |                 |                                 | 7,650               |
| 2   | Watering 1000 Plants (April- June & Nov-Mar.- 8 months) @ 200 plants/MD with 7 days rotation |                 |                                 | 49,760              |
|   | 20 MD x 8 months = 160 MD x 311 =  |                 |                                 |                     |
|   |  |                 |                                 | <b>Total 78,410</b> |
| Abstract  |  |                 |                                 |                     |
| Sl. No.   | Year   | No. person days | Labour cost @ Rs. 311/- per day | Total cost (Rs.)    |
| 1   | 0th year   |                 |                                 |                     |
| 2   | 1st year   | 0               | 0.0                             | 51000.0             |
| 3   | 2nd year   | 100.0           | 31100.0                         | 52100.0             |
| 4   | 3rd year   | 160             | 49760.0                         | 78410.0             |
| 5   | 4th year   | 160             | 49760.0                         | 78410.0             |
| 6   | 5th year   | 160             | 49760.0                         | 78410.0             |
|   | <b>Total:</b>  | <b>740</b>      | <b>230140</b>                   | <b>4,16,740</b>     |

APCCF/(Forest Division & NO, FC Art)



Matrix for Watering Model -W-II (Diesel Pumpset Fitted with Borewell) per Ha

Matrix for Watering Model-W-II (Diesel Pumpset Fitted with Borewell) per Ha

| Sl. NO | Commence ment Year | I     | II    | III   | IV    | V     | VI     | VII    | VIII   | IX     | X      | XI     | XII    | XIII   | XIV | XV | XVI | Total Cost |
|--------|--------------------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-----|----|-----|------------|
|        | Base Norm          | 5100  | 52100 | 78410 | 78410 | 78410 | 78410  |        |        |        |        |        |        |        |     |    |     | In Rupees  |
| 1      | 2021-22            | 51000 | 51705 | 86439 | 90771 | 95307 | 100071 |        |        |        |        |        |        |        |     |    |     | 478294     |
| 2      | 2022-23            |       | 53550 | 57440 | 90761 | 95310 | 100072 | 105076 |        |        |        |        |        |        |     |    |     | 507209     |
| 3      | 2023-24            |       |       | 56228 | 60312 | 65399 | 100076 | 105076 | 110330 |        |        |        |        |        |     |    |     | 527321     |
| 4      | 2024-25            |       |       |       | 59039 | 63328 | 100084 | 105080 | 110330 | 115847 |        |        |        |        |     |    |     | 553688     |
| 5      | 2025-26            |       |       |       |       | 67951 | 66456  | 105067 | 110334 | 115847 | 121638 |        |        |        |     |    |     | 581372     |
| 6      | 2026-27            |       |       |       |       |       | 69815  | 110330 | 115851 | 121639 | 127732 |        |        |        |     |    |     | 610441     |
| 7      | 2027-28            |       |       |       |       |       | 69846  | 73330  | 115836 | 121644 | 127732 | 133307 |        |        |     |    |     | 640864     |
| 8      | 2028-29            |       |       |       |       |       | 71763  | 75976  | 121528 | 127736 | 133307 | 140817 |        |        |     |    |     | 673012     |
| 9      | 2029-30            |       |       |       |       |       |        | 73351  | 80975  | 117709 | 124117 | 140817 | 147853 |        |     |    |     | 706662     |
| 10     | 2030-31            |       |       |       |       |       |        |        | 79119  | 84865  | 124119 | 140818 | 147853 | 155246 |     |    |     | 741396     |

APCF (Forest Diversion & NO. FC Act)




**TOTAL COST OF PROJECT**

| S. No | Item of Work   | Unit price                   | In Rupees   |
|-------|--|------------------------------|---|
| 1     | Cost of AR plantation @1600 plants/ ha over 1.00 ha @Rs. 3,17,824.30 per ha with 20 years maintenance.   | 3,17,824.30 x 1.00 ha        | 317824.30   |
| 2     | Cost of AR plantation @1000 plants/ ha over 2.00 ha @Rs. 2,93,553.55 per ha with 20 years maintenance.   | 2,93,553.55 x 2.00 ha        | 587107.10   |
| 3     | Cost of watch & ward and fire line creation for 2 ha CA land which is having canopy density more than 0.4 but susceptible to biotic pressure & fire. Wage rate @Rs. 630/- per mandays. (1 ha x 21 mandays x @Rs. 630/- x 20 years) | 2,64,600/- x 2 Nos.          | 529200.00   |
| 4     | Cost of Soil Moisture Conservation (SMC) (As per base norm of Matrix for the year 2023-24)   | 39,284/- x 5.00 ha           | 196420.00   |
| 5     | Cost of Angle Iron & Chain Link wire mesh Fencing with 10 years maintenance @4,62,316/- per 250 rmt/ha over 1.00 Km. (As per base norm of Matrix for the year 2023-24)   | 4,62,316/ 250 RMT x 1000 RMT | 1849264.00  |
| 6     | Cost of 1 no. borewell for watering (one diesel pump set fitted with borewell for 5 ha plantation) (As per base norm of Matrix for the year 2023-24)   | 5,27,321/- x 1 No.           | 527321.00   |
|       | <b>Grand Total</b>   |                              | <b>4007136.40</b><br><b>Or say</b><br><b>40,07,200.00</b> |

(Rupees forty lakh seven thousand two hundred) only

**PROVISION OF FUNDS AND FUND UTILIZATION**

**Rs. 40,07,200/-** (Rupees forty lakh seven thousand two hundred) only shall be deposited by the User Agency i.e. M/s Rungta Mines Limited on approval of the scheme in Ad-hoc CAMPA Account and the funds will be utilized for raising of Compensatory Afforestation by the Divisional Forest Officer, Keonjhar Division on allotment by the Principal Chief Conservator of Forests, Odisha, Bhubaneswar.

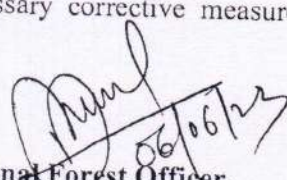
  
Divisional Forest Officer,  
Keonjhar Division



## CHAPTER- VII

### **DETAILS OF PROPOSED MONITORING MECHANISM**

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

  
Divisional Forest Officer,  
Keonjhar Division

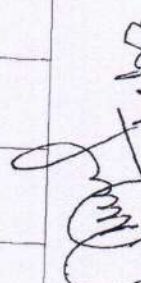


# CERTIFICATE ON DSS ANALYSISIDS FOR CA/CA/PCA

This is to certify that DSS Analysis of land identified for CA/ ACA/ PCA and subsequent ground truthing have been done. The outcome is as mentioned below-

| Sl. No. | Name of Range | Name of the Forest Block (RF/PRF/PF/DPF/Revenue Forest) | Area identified for CA/ ACA/ PCA (in ha) | Classification of identified land (in ha) |                         |             |            |       |       |       | Area suitable for plantation (in ha) |            |       |       | Plantation model (AR/ANR) | Remarks  |
|---------|---------------|---|--|---|-------------------------|-------------|------------|-------|-------|-------|--------------------------------------|------------|-------|-------|---------------------------|--|
|         |               |   |  | Very Dense Forest                         | Moderately Dense Forest | Open Forest | Non-forest | Scrub | Water | Total | Open Forest                          | Non-forest | Scrub | Total |                           |  |
| 1       | 2             | 3   | 4  | 5   | 6                       | 7           | 8          | 9     | 10    | 11    | 12                                   | 13         | 14    | 15    | 16                        | 17   |
| 1       | BJP           | Village- Talabarada under Bansapal Tahasil              | CA                                       | 0   | 2.00                    | 2.00        | 1.00       | 0.00  | 0.00  | 5.00  | 2.00                                 | 1.00       | 0.00  | 3.00  | AR                        | 2.00ha, @1000 seedlings & 1.00 ha @1600 seedlings per ha |

Countersigned

  
Divisional Forest Officer,  
Keonjhar Division.

Regional Chief Conservator of Forests,  
Rourkela Circle




Financial Outlay for **Compensatory Afforestation Scheme** over an area of **5.0 ha** of **Non-Forest land** identified in **Village Talabarada under Banspal Tahasil of BJP Range in Keonjhar Forest Division** in respect of **3.104 ha** of forest land to be diverted for **11 KV Overhead Transmission Line** from **Jaldihi Village** to **Jumka-Pathiriposhi Pahar Iron Ore Bloc of M/s Rungta Mines Ltd.** as per approved One-time Cost Norm

| Sl. No.            | Description   | Amount (Rs.)   |
|--------------------|---|--|
| 1.                 | Cost of AR Plantation @ 1600 Plants per ha over 1.0 ha @ Rs.3,41,903/- per ha with 10 years maintenance   | 3,41,903.00  |
| 2.                 | Cost of AR Plantation @ 1000 Plants per ha over 2.0 ha @ Rs.2,58,777/- per ha with 10 years maintenance   | 5,17,554.00  |
| 2.                 | Cost of Angle Iron & Chain link wire mesh fencing over 1000 RMT @ Rs.4,62,316/- per 250 RMT/ ha with 10 years maintenance (As proposed by DFO, Keonjhar Forest Division)  | 18,49,264.00   |
| 3.                 | Cost of SMC activities like staggered trenches, percolation pits, contour trench, graded earthen bund, LBCD, wire mesh LBCD, Sub-Surface Dyke and WHS as per the slope and site requirement @ Rs.39,284/- per ha over 5.0 ha with 5 years maintenance | 1,96,420.00  |
| 4.                 | Watering Diesel Pump Set fitted with borewell (1 Borewell for 5 ha Plantation) for 1 No. of borewell @ Rs.5,27,321/- (As proposed by DFO, Keonjhar Division)  | 5,27,321.00  |
| <b>Grand Total</b> |   | <b>34,32,462.00</b><br><b>or rounded off to</b><br><b>34,32,500.00</b> |

**(Rupees Thirty four lakhs thirty two thousand and five hundred) only**

Approved

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