

Dated: 13.09.2024

The Divisional Forest Officer

Keonjhar Division
Keonjhar

Sub: Diversion of 0.764 Ha of forest Land for laying of underground water pipeline along with 11 KVA power line from River Karo to Loidapada Integrated Steel Plant of M/s Sree Metaliks Ltd. in barbil Tahasil of Keonjhar District Odisha. – **Regarding submission of Stage-1 compliance.**

Ref: Stage-1 granted by MoEF&CC, GoI vide No. 5-ORB539/2022-BHU dated 17th April 2023.

Sir,

With reference to the above subject, we are herewith submitting the point wise compliance of the conditions in stage-1 granted by MoEF&CC, GoI vide No. 5-ORB539/2022-BHU dated 17th April 2023 for “Diversion of 0.764 Ha of forest Land for laying of underground water pipeline along with 11 KVA power line from River Karo to Loidapada Integrated Steel Plant of M/s Sree Metaliks Ltd. in barbil Tahasil of Keonjhar District Odisha”.

This is for your kind information and necessary action towards grant of Stage-II please.

Thanking You
Yours faithfully



Sri Rewati Raman Sharma
Director
M/s Sree Metaliks Ltd.

COMPLIANCE TO STAGE-I CONDITIONS
OF
DIVERSION OF 0.764 HA OF FOREST LAND FOR
LAYING OF UNDERGROUND WATER PIPELINE
ALONG WITH 11 KVA POWER LINE FROM RIVER
KARO TO LOIDAPADA INTEGRATED STEEL PLANT
OF M/S SREE METALIKS LTD. IN BARBIL TAHASIL
OF KEONJHAR DISTRICT ODISHA

(MoEF&CC File No. 5-ORB539/2022-BHU)

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

- I. The user agency shall transfer online, the Net Present Value (NPV) of 0.764 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.5-3/201 1-FC (Vol-I) dated 06.01.2022 and 19.0 1.2022. The requisite funds shall be transferred through online portal in CAMPA account of the State concerned.

COMPLIANCE: - As per the demand from Office of the Divisional Forest Officer, Keonjhar vide its letter dated 4444/6F-Mining-258/2018 dated 21.05.2023, the user agency has deposited **the amount of Rs 10,97,616.00/-** in RTGS mode having UTR No. ICICR52023052900878150 on dated 29.05.2023 to Orissa CAMPA towards Net Present Value (NPV) of 0.764 ha forest land being diverted under this proposal. Demand letter from the Office of the Divisional Forest Officer, Keonjhar is attached as **Annexure-1A** and Challan with RTGS transaction details is attached as **Annexure-1B**.

- II. The user agency shall transfer the cost of plantation of 100 nos. of plants (including 10 years maintenance) 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.

COMPLIANCE: - The scheme for plantation of 100 no's of plant over 0.08 Ha @1600 seedlings/ha of degraded forest land @ Rs 450.00 per man days in Belda RF under Keonjhar Range of Keonjhar Forest Division is approved by the Divisional Forest Officer, Keonjhar Division and further technically approved by the Regional Chief Conservator of Forests, Rourkela Circle with total budget provision of Rs 2,45,800/-. Accordingly demand has been raised by the Office of the Divisional Forest Officer, Keonjhar vide its letter dated 5358/6F-Mining-258/2018 dated 09.07.2023, the user agency has deposited **the amount of Rs 2,45,800/-** having UTR No. PUNBR52024071210365590 on dated 12.07.2024 to Orissa CAMPA. The scheme for the same is attached as **Annexure-2A**. Demand letter from the Office of the Divisional Forest

Officer, Keonjhar is attached as **Annexure-2B** and Challan with RTGS transaction details is attached as **Annexure-2C**.

- III. The user agency shall pay Penal NPV of forest land per hectare for each year for use of forest land from the date of actual diversion as reported by the inspecting officer with maximum upto five (5) times the NPV plus 12 percent simple interest till the deposit is made.

COMPLIANCE: - As per the demand from Office of the Divisional Forest Officer, Keonjhar vide its letter dated 4444/6F-Mining-258/2018 dated 21.05.2023, the user agency has deposited **the amount of Rs 1,62,95,204.00/-** in RTGS mode having UTR No. ICICR52023052900878150 on dated 29.05.2023 to Orissa CAMPA towards penal NPV of 0.764 ha forest land being diverted under this proposal. Demand letter from the Office of the Divisional Forest Officer, Keonjhar is attached as **Annexure-1A** and Challan with RTGS transaction details is attached as **Annexure-1B**.

- IV. Penal CA shall be raised over non-forest land five (5) times to the extent of forest land used for non-forestry activities in violation of Forest (Conservation) Act, 1980. Accordingly, State Govt. shall prepare Penal CA Scheme and submit the Penal CA Scheme, Sol Toposheet, DGPS map and KML file of the non-forest land.

COMPLIANCE: - Penal Compensatory Afforestation over an area of 3.82 Ha (5 times of 0.764 Ha) non-forest Govt. land identified in village Laxmiposi@Jarasandha under Ghatagaon Taasil of Ghatagaon Range in Keonjhar forest division of Keonjhar District. CA scheme has been prepared by the Divisional Forest Officer, Keonjhar and approved by the PCCF, Nodal with a total budgetary provision of **Rs 30,80,500/-**.

Further, As per the demand from Office of the Divisional Forest Officer, Keonjhar vide its letter dated 3752/6F-Mining-258/2018 dated 07.05.2023, the user agency has deposited **the amount of Rs 30,80,500.00/-** in RTGS mode having payment Ref No. CMS4156861138 on dated 14.05.2024. Demand letter from the Office of the Divisional Forest Officer, Keonjhar is attached as **Annexure-3A** and Challan with RTGS transaction details is attached as **Annexure-3B**.

Penal CA Scheme is attached as **Annexure-3C**. SOI Topo sheet and DGPS Map of the CA land is attached as **Plate-I & Plate-II**. KML file is given in C.D.

- V. The non-forest land to be identified for raising Penal C.A. shall be transferred and mutated in the name of Forest Department and notified as RF/PF prior to Stage-II approval.

COMPLIANCE: - The non forest land over 3.820 Ha in village Laxmiposi@Jarasandha under Ghatagaon Taasil of Ghatagaon Range in Keonjhar forest division of Keonjhar District has been transferred and mutated in the name of Forest Dept. by Office of the Tahasildar, Ghatagaon vide its letter No. 415/Rev dated 23.02.2024. Letter is attached as **Annexure-4A**.

Further, Forest, Environment & Climate Change Dept., Govt. of Odisha vide its notification dated 24.07.2024 notified the 3.820 Ha land to **Laxmiposi@Jarasandha Protected Forest**. PF notification is attached as **Annexure-4B**.

- VI. The user agency shall deposit 2% of the project cost for wildlife conservation and mitigation and the wildlife conservation plan along with conflict mitigation plan duly approved by the CWLW, Odisha shall prepared and implemented.

COMPLIANCE: Wildlife Conservation Plan has been approved by the PCCF (WL) & CWLW, Odisha for a total budget of Rs 102.17 Lakhs vide its letter no. 10226/CWLW-FDWC-FD-0069-2022 dated 28.08.2024. **Annexure-5A**

Accordingly, as per the demand from Office of the Divisional Forest Officer, Keonjhar vide letter No. 6871/6F-Mining-258/2028 dated 29th August 2024, we have deposited Rs 1,02,17,000.00/- on dated 02.09.2024 through RTGS in Orissa CAMPA vide transaction no. RTGS/ICICR22024090204990395/UBIN0996335/ORISSA CAMPA towards approved Site Specific Wildlife Conservation Plan. Demand letter with challan & payment details is attached as **Annexure-5B and Annexure-5C**.

Apart from the above, as per the demand letter No. 6874/6F-Mining-258/2028 dated 29th August 2024, we have deposited Rs 5,10,850.00/- on dated 02.09.2024 through RTGS in the account of Wildlife Odisha

vide transaction no. RTGS/ICICR22024090205008110/HDFC0001252/ towards 5% of the approved Site Specific Wildlife Conservation Plan. Demand letter and payment details are attached as **Annexure-5D**.

- VII. The KML files of the area to be diverted and the CA/Penal CA areas shall be uploaded on the e-Green watch portal with all requisite details before issuing working permission towards linear projects or submitting compliance report for seeking Stage-II approval, as the case maybe.

COMPLIANCE: KML files of the area to be diverted and the Penal CA areas will be uploaded on the e-Green watch portal with all requisite details before issuing working permission.

- VIII. All the funds received from the user agency under the project shall be transferred/ deposited in CAMPA account only through e-portal (<https://parivesh.nic.in/>). Amount deposited through other mode will not be accepted as compliance of the Stage-I clearance.

COMPLIANCE: All the funds i.e. related to NPV, penal NPV, Penal CA and Wildlife Conservation plan has been deposited in CAMPA account through e-portal (<https://parivesh.nic.in/>).

- IX. The compliance report of the Stage-I approval shall be uploaded on e-portal (<https://parivesh.nic.in/>).

COMPLIANCE: The compliance report of the Stage-I approval has been uploaded on e-portal (<https://parivesh.nic.in/>)

- X. The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificates from the concerned District Collector.

COMPLIANCE: Certificate under FRA Act, 2006 in respect of forest land measuring 0.764 Ha has been issued by office of the Collector, Keonjhar vide its letter no. 212/Rev. dated 29.01.2024. The complete compliance of the FRA is attached as **Annexure-6**.

- XI. 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.

COMPLIANCE: The boundary of the proposed forest land i.e. 0.764 Ha for diversion, has been demarcated on ground by erecting four feet high reinforced cement concrete pillars, inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates. Some of the photos of pillars are attached as **photo-1**.

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

- I. Legal status of forest land proposed for diversion shall remain unchanged.

COMPLIANCE: In compliance to the above, we do hereby undertaking that the legal status of forest land proposed for diversion shall remain unchanged. **Undertaking** in this regard is attached as **Annexure-7**.

- II. The State Govt. shall carry out plantation of 100 plants towards compensatory afforestation within three years from the issue of approval as per approved plan/scheme and maintained thereafter, at the cost of user agency. The State Govt. shall inform the site of the plantation.

COMPLIANCE: The scheme for plantation of 100 no's of plant over 0.08 Ha @1600 seedlings/ha of degraded forest land @ Rs 450.00 per man days in Belda RF under Keonjhar Range of Keonjhar Forest Division is approved by the Divisional Forest Officer, Keonjhar Division and further technically approved by the Regional Chief Conservator of Forests, Rourkela Circle with total budget provision of Rs 2,45,800/-. Accordingly demand has been raised by the Office of the Divisional Forest Officer, Keonjhar vide its letter dated 5358/6F-Mining-258/2018 dated 09.07.2023, the user agency has deposited **the amount of Rs 2,45,800/-** having UTR No. PUNBR52024071210365590 on dated 12.07.2024 to Orissa CAMPA. The scheme for the same is attached as **Annexure-2A**. Demand letter from the Office of the Divisional Forest Officer,

Keonjhar is attached as **Annexure-2B** and Challan with RTGS transaction details is attached as **Annexure-2C**.

As we have already deposited the cost towards the scheme, State Govt. will do the further needful as per the approved plan.

- III. Penal CA shall be raised over non-forest land five (5) times to the extent of forest land used for non-forestry activities in violation of Forest (Conservation) Act, 1980.

COMPLIANCE: Penal Compensatory Afforestation over an area of 3.82 Ha (5 times of 0.764 Ha) non-forest Govt. land identified in village Laxmiposi@Jarasandha under Ghatagaon Taasil of Ghatagaon Range in Keonjhar forest division of Keonjhar District. CA scheme has been prepared by the Divisional Forest Officer, Keonjhar and approved by the PCCF, Nodal with a total budgetary provision of **Rs 30,80,500/-**.

Further, As per the demand from Office of the Divisional Forest Officer, Keonjhar vide its letter dated 3752/6F-Mining-258/2018 dated 07.05.2023, the user agency has deposited **the amount of Rs 30,80,500.00/-** in RTGS mode having payment Ref No. CMS4156861138 on dated 14.05.2024. Demand letter from the Office of the Divisional Forest Officer, Keonjhar is attached as **Annexure-3A** and Challan with RTGS transaction details is attached as **Annexure-3B**.

- IV. The species to be planted in the CA and Penal CA scheme shall be of native species of the area avoiding Teak and exotic species. 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 survival and growth of plantation can be evaluated at regular intervals.

COMPLIANCE: In compliance to the above, we do hereby undertaking that the species to be planted in the CA and Penal CA scheme shall be of native species of the area avoiding Teak and exotic species. 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 survival and growth of plantation can be evaluated at

regular intervals. . **Undertaking** in this regard is attached as **Annexure-7**.

- i. 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.

COMPLIANCE: In compliance to the above, we do hereby undertaking that to pay the additional amount of NPV, if so determined, as per final decision of the Hon'ble Supreme Court of India. **Undertaking** in this regard is attached as **Annexure-7**.

- ii. The user agency shall obtain Environmental Clearance as per the provisions of Environment (Protection) Act, 1980, if applicable.

COMPLIANCE: As per the provisions of Environment (Protection) Act, 1980 Environmental Clearance is not applicable for this project.

- iii. The user agency shall take adequate safety measures for accidental leakage of water and 11 KV power pipelines.

COMPLIANCE: In compliance to the above, we do hereby undertaking that we will take adequate safety measures for accidental leakage of water and 11 KV power pipelines. **Undertaking** in this regard is attached as **Annexure-7**.

- iv. As proposed by the State Govt. no tree/poles shall be felled from the proposed forest land for diversion.

COMPLIANCE: In compliance to the above, we do hereby undertaking that no tree/poles shall be felled from the proposed forest land for diversion. **Undertaking** in this regard is attached as **Annexure-7**.

- V. 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.

COMPLIANCE: In compliance to the above, we do hereby undertaking that no labour camp shall be established on the forest land and we 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. **Undertaking** in this regard is attached as **Annexure-7**.

- VI. No additional or new path will be constructed inside the forest area for any activity related to the project work.

COMPLIANCE: In compliance to the above, we do hereby undertaking that no additional or new path will be constructed inside the forest area for any activity related to the project work. **Undertaking** in this regard is attached as **Annexure-7**.

- VII. The user agency while executing works, shall not fell any tree or damage forest growth in the surrounding forest area in any manner.

COMPLIANCE: In compliance to the above, we do hereby undertaking that while executing works, we will not fell any tree or damage forest growth in the surrounding forest area in any manner. **Undertaking** in this regard is attached as **Annexure-7**.

- VIII. The layout plan of the proposed forest land shall not be changed without the prior approval of Ministry of Environment, Forest & Climate Change.

COMPLIANCE: In compliance to the above, we do hereby undertaking that the layout plan of the proposed forest land shall not be changed without the prior approval of Ministry of

Environment, Forest & Climate Change. **Undertaking** in this regard is attached as **Annexure-7**.

- IX. The forest land shall not be used for any purpose other than that specified in the proposal.

COMPLIANCE: In compliance to the above, we do hereby undertaking that forest land shall not be used for any purpose other than that specified in the proposal. **Undertaking** in this regard is attached as **Annexure-7**.

- X. 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.

COMPLIANCE: In compliance to the above, we do hereby undertaking that 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. **Undertaking** in this regard is attached as **Annexure-7**.

- XI. No damage to the flora and fauna of the adjoining area shall be caused.

COMPLIANCE: In compliance to the above, we do hereby undertaking that no damage to the flora and fauna of the adjoining area shall be caused. **Undertaking** in this regard is attached as **Annexure-7**.

- XII. 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.

COMPLIANCE: In compliance to the above, we do hereby undertaking that the Divisional Forest Officer, Keonjhar will monitor and take necessary mitigative measures to ensure that

there is no adverse impact on the forests in the surrounding area. **Undertaking** in this regard is attached as **Annexure-7**.

- XIII. 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.

COMPLIANCE: In compliance to the above, we do hereby undertaking that we will 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. **Undertaking** in this regard is attached as **Annexure-7**.

- XIV. 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.

COMPLIANCE: In compliance to the above, we do hereby undertaking 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, shall be complied by the user agency. **Undertaking** in this regard is attached as **Annexure-7**.

- XV. 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.

COMPLIANCE: In compliance to the above, we do hereby undertaking that we 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. **Undertaking** in this regard is attached as **Annexure-7**

- XVI. 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 1 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.

COMPLIANCE: In compliance to the above, we do hereby undertaking that 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 1 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.

Undertaking in this regard is attached as **Annexure-7**



OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION

Phone No- 06766-254315, email ID- dfo.keonjhar@odisha.gov.inNo. 4444 /6F-Mining-258/2018Dated, Keonjhar the 21 May, 2023

To

The Managing Director,
M/s Sree Metaliks Ltd.
AT/ P.O- Barbil, Dist- Keonjhar, Pin-758035

Sub: Proposal for diversion of 0.764 ha of forest land for laying of underground water pipeline along with 11 KV power line from river Karo to Loidapada Integrated Steel Plant of M/s Sree Metaliks Ltd in Barbil Tahasil of Keonjhar District.

X-Sub: Revised demand of funds towards NPV & Penal NPV over 0.764 ha forest land.

Ref: 1. Letter No.5-ORB539/2022-BHU dated 17.04.2023 of MoEF&CC, Govt. of India, IRO, Bhubaneswar.
2. Letter No.FE-DIV-FLD-0090-2022-8420/FE&CC dated 24.04.2023 of Govt. of Odisha Forest, Environment & Climate Change Department.
3. Your letter No. Nil dated 17.05.2023 & letter No. Nil dated 01.05.2023.
4. This office letter No.4025 dated 06.05.2023.
5. Observation noticed by the PCCF (FD&NO, FC Act), O/o- the PCCF & HoFF, Odisha, Bhubaneswar on this office demand letter No. 4025 dated 06.05.2023 through e-portal of parivesh.nic.in.

Sir,

Whereas, in compliance to the condition No. 2.A(III) of the Stage- I approval issued by MoEF&CC, Govt. of India, IRO, Bhubaneswar, the user agency has been demanded to deposit Rs.1,09,76,159/- towards penal NPV for 1.528 ha (0.764 ha for pipeline and 0.764 ha for pathway).

And whereas, the user agency has represented vide his letter dt. 01.05.2023 that the pathway was existing prior to the laying of the pipeline, which is mentioned in the minute of meeting of Regional Empowered Committee held on 30.01.2023, also the REC date is mentioned in the Stage-I approval letter and the user agency has used only 0.764 ha forest land during laying of pipeline in violation of FC Act, 1980.

And whereas, based on the recommendation of the committee in 83rd meeting of the REC of Integrated Regional Office, MoEF&CC, Bhubaneswar in 30.01.2023, Agenda No. 83.3 that the Committee recommended the proposal to Ministry for approval subject to the following conditions:

"The user agency shall pay Penal NPV of forest land per hectare for each year for use of forest land from the date of actual diversion as reported by the inspecting officer with maximum upto five(5) times the NPV plus 12 percent simple interest till the deposit is made".

And whereas, the demand noticed issued vide this office letter No. 3813 dt. 28.04.2023 was revised vide this office letter No.4025 dated 06.05.2023 as per recommendation of REC in the minute held on 30.01.2023 as follows :-

Area of forest land utilized in violation to FC Act, 1980 over 0.764 ha for laying of pipeline w.e.f 01.01.2007 to 17.04.2023 (i.e. date of grant of Stage-I clearance) = 16.29 years.

Applicability of Penal NPV under FC Act, 1980 (Eco Value Class-I, Density 0.5) i.e. @ Rs.14,36,670/- per ha (0.764 ha x Rs.14,36,670 lakh x 16.29 Years)= Rs. 1,78,80,163/-.

As per MoEF&CC, GoI guideline dated 29.01.2018 & condition No.2(iii) of Stage-I approval dated 17.04.2023 amount of penal NPV due for deposit is maximum 5 times of NPV i.e. (0.764 ha x Rs.14,36,670/- x 5 times = Rs.54,88,079/- (plus 12% simple interest till the deposit is made).

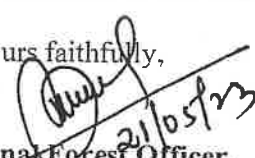
And whereas, the Principal Chief Conservator of Forest (FD&NO, FC Act), O/o- the PCCF&HoFF, Odisha, Bhubaneswar has rejected the demand notice issued vide this office letter No.4025 dated 06.05.2023 through online in web portal of parivesh.nic.in as 12% simple interest till the deposit is made has not been taken into calculation.

In view of the above, you are requested to deposit the total amount of **Rs.1,73,92,820/- (Rupees one crore seventy three lakh ninety two thousand eight hundred twenty) only towards NPV & Penal NPV furnished details as below.**

| NPV/ Penal NPV | Description | Amount (in Rs.) |
|-------------------------|---|-----------------------|
| Net Present Value (NPV) | -Forest land involved in the project – 0.764 ha (i.e. Eco Value Class-I, Density 0.5) NPV@ 14,36,670/- per ha). (0.764ha x Rs.14,36,670/- = Rs.10,97,615.88 or Rs.10,97,616.00)}. | 10,97,616.00 |
| Penal NPV | As per recommendation of REC held on 30.01.2023 & as per MoEF&CC, GoI guideline dated 29.01.2018 amount of penal NPV due for deposit is maximum 5 times of NPV i.e. (0.764 ha x Rs.14,36,670/- x 5 times = Rs.54,88,079/- + 1,08,07,125.16 or Rs.1,08,07,125/- {(plus 12% simple interest till the deposit is made for 16.41 years i.e. w.e.f 1.1.2007 to 31.05.2023 (till the end of current month)}. Hence Total Penal NPV amount is Rs.54,88,079/- +Rs.1,08,07,125/- = Rs.1,62,95,204/ | 1,62,95,204.00 |
| Grand Total | | 1,73,92,820.00 |

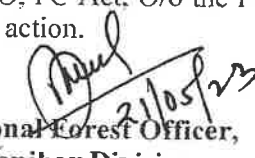
The above demanded amount has to be deposited in ORISSA CAMPA Account only through e-portal (<https://parivesh.nic.in/>) within 30 days from the date of issue of this letter and the proof/evidence of the deposit of fund be submitted to this office for further necessary action at this end.

Yours faithfully,


Divisional Forest Officer,
Keonjhar Division.

Memo No. 4445 / Dated. 21-05-2023

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


Divisional Forest Officer,
Keonjhar Division.

AGENCY COPY

यूनियन बैंक Union Bank of India



NEFT / RTGS CHALLAN for CAMPA Funds

Date : 26-05-2023

| | |
|------------------|---|
| Agency Name. | SREE METALIKS LTD |
| Application No. | 19930598277 |
| MoEF/SG File No. | 5-ORB539/2022-BHU |
| Location. | ORRISA |
| Address. | At-Loiapada, Po- Guali, Dist-Keonjhar Kendujhar |
| Amount(in Rs) | 17392820/- |

Amount in Words :One Crore Seventy-Three Lakh Ninety-Two Thousand Eight Hundred and Twenty Rupees Only

NEFT/RTGS to be made as per following details;

| | |
|----------------------|--|
| Beneficiary Name: | ORRISA CAMPA |
| IFSC Code: | UBIN0996335 |
| Pay to Account No. | 1508219930598277 Valid only for this challan amount. |
| Bank Name & Address: | Union Bank Of India FCS Centre, 21/1, III Floor, Jellita Towers, Mission 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 : 26-05-2023

| | |
|------------------|---|
| Agency Name. | SREE METALIKS LTD |
| Application No. | 19930598277 |
| MoEF/SG File No. | 5-ORB539/2022-BHU |
| Location. | ORRISA |
| Address: | At-Loiapada, Po- Guali, Dist-Keonjhar Kendujhar |
| Amount(in Rs) | 17392820/- |

Amount in Words :One Crore Seventy-Three Lakh Ninety-Two Thousand Eight Hundred and Twenty Rupees Only

NEFT/RTGS to be made as per following details;

| | |
|----------------------|--|
| Beneficiary Name: | ORRISA CAMPA |
| IFSC Code: | UBIN0996335 |
| Pay to Account No. | 1508219930598277 Valid only for this challan amount. |
| Bank Name & Address: | Union Bank Of India FCS Centre, 21/1, III Floor, Jellita Towers, Mission 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

UTR NO.-1CICR52023052900878150

NPV - Rs 10,97,616 = W.
 pending NPV - Rs 1,62,95,204 = W.
 W 1,73,92,820 = W.





| RTGS OUTWARD DATA QUERY | |
|--------------------------|--|
| MESS TYPE | |
| UTR NO | ICICR52023052900878150 |
| SENDER IFSC | ICIC0002451 |
| RECEIVED IFSC | UBIN0996335 |
| TRN | 000135935463 |
| VALUE DATE | 5/29/2023 |
| CURRENCY | INR |
| AMOUNT (IN FIGURE) | 1,73,92,820/- |
| AMOUNT (IN WORDS) | One Crore Seventy Three Lacs Ninety Two Thousand Eight Hundred Twenty Only |
| ORDERING CUSTOMER | SREE METALIKS LIMITED, SML HOUSE MAIN ROAD, BARBIL, ODISHA |
| ORDERING INSTITUTION | SREE METALIKS LIMITED, SML HOUSE MAIN ROAD, BARBIL, ODISHA |
| ORDERING CUSTOMER A/C NO | 064005000097 |
| BENEFICIARY ACCOUNT NO. | 1508219930598277 |
| BENEFICIARY NAME | ORISSA CAMPA, UNION BANK OF INDIA, MISSION ROAD, BENGALURU |
| BENEFICIARY INSTITUTION | ORISSA CAMPA, UNION BANK OF INDIA, MISSION ROAD, BENGALURU |
| SUB TRAN TYPE | |
| TRAN DATE | 5/29/2023 |
| SENDER INFO | CUST/SREE METALIKS LIMITED |
| MESSAGE STATUS | COMPLETED |



ICICI Bank Limited
Office No. 11, Ground Floor,
Times Tower, M.G. Road,
Gurgaon - 122 001,
Haryana, India.

Tel : 0124-6695552
Fax : 0124-6695552
Website www.icicibank.com
CIN : L65190GJ1994PLC021012

Regd. Office : ICICI Bank Tower, Near Ch
Old Padra Road, Vadodra
India.
Corp. Office : ICICI Bank Towers, Bandr
Complex, Mumbai 40005



ANNEXURE-2 A

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

Memo No. 2860 /3F-853 /2024 Date: 05.07.2024

To

The Divisional Forest Officer,
Keonjhar Forest Division.

Sub:-

Proposal for diversion of 0.764 ha of forest land for laying underground water Pipe Line & 11 KV Power Line from river Karo to Loidapada Steel Plant of M/s Sree Metaliks Limited in Barbil Tahasil of Keonjhar District .

X-Sub:-

Submission of scheme for plantation of 100 nos. plant in compliance to condition No. 2(A)(ii) of Stage-I Forest Clearance Granted vide letter F.No. 5-ORB539/2022-BHU Dtd.17.04.2023.

Ref:

Your Memo No.5194 Dtd.02.07.2024.

The scheme for plantation of 100 nos of plants over 0.08 Ha (@ 1600 seedlings / Ha) of degraded forest land identified in Belda RF of Keonjhar Range under Keonjhar Forest Division with a maintenance period of 10 years prepared at the current rate of Rs.450.00 per man day with a total financial outlay of Rs.2,45,800/- in compliance with condition No.2(A)(ii) of the Stage-I approval accorded by GoI, MoEF & CC, IRO,BBSR vide their Letter F.No. 5-ORB539/2022-BHU Dtd.17.04.2023 in respect of the above project and submitted vide your Memo under reference is hereby technically approved.

The technically approved scheme is returned herewith in triplicate for taking necessary action at your end.


Encl.:- As above.


**Regional Chief Conservator of Forests,
Rourkela Circle.**

Memo No. 2861

Date:

Copy forwarded to the Principal Chief Conservator of Forests (Forest Diversion & Nodal Officer, FC Act), O/o the Principal Chief Conservator of Forests, Odisha for favour of kind information and necessary action with reference to Memo No.5194 Dtd.02.07.2024 of DFO, Keonjhar Division.


**Regional Chief Conservator of Forests,
Rourkela Circle.**

TOTAL COST OF PROJECT

| Sl. No | Item of Work | Unit price | In Rupees |
|--------|--|--------------------------------|--------------------------------------|
| 1 | Cost of AR plantation @1600 plants/ ha over 0.008 ha @ Rs.3,60,786.00 per ha with 10 years maintenance. | 3,60,786/- x 0.08 ha | 28862.88 |
| 2 | Cost of Soil Moisture Conservation (SMC) (As per base norm of Matrix for the year 2024-25) | 41,248/- x 0.08 ha | 3299.84 |
| 3 | Cost of Angle Iron & Chain Link wire mesh Fencing @4,85,432/- per 250 rmt/ha over 0.11 Km. (As per base norm of Matrix for the year 2024-25) | 4,85,432/ 250 RMT x 110 RMT | 213590.08 |
| | Grand Total | | 2,45,752.80 Or say 2,45,800.00 |

(Rupees two lakh forty-five thousand eight hundred) only

Technically Approved


Regional Chief Conservator of Forests
Rourkela Circle

PROVISION OF FUNDS AND FUND UTILIZATION

Rs. 2,45,800/- (Rupees two lakh forty-five thousand eight hundred) only shall be deposited by the User Agency i.e. M/s Sree Metaliks Ltd. on approval of the scheme to the Ad-hoc CAMPA Account and the funds will be utilized for raising of Penal 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

SCHEME

**FOR PLANTATION OF 100 NOS PLANT
OVER 0.08 HA @1600 SEEDLINGS/ HA OF
DEGRADED FOREST LAND @ RS.450/-
PER MANDAYS IDENTIFIED IN BELDA RF
UNDER KEONJHAR RANGE OF KEONJHAR
FOREST DIVISION**

In compliance

To

**Condition No.2A II of Stage-I Forest
Clearance Granted**

**Vide letter No.5-ORB539/2022-BHU dated
17.04.2023**

**Of Govt. Of India, Ministry of Environment
and Forests,**

IRO, Bhubaneswar

for

**Diversion of 0.764 ha of forest land for
Laying of water pipeline along with 11kv A
Power Line from River Karo To Loidapada
Integrated Steel Plant
of
M/s SREE METALIKS LTD.**

CHAPTER-I

BRIEF NOTE ON THE PROPOSED FOREST DIVERSION PROPOSAL.

The project proponent M/s Sree Metaliks Limited, a company incorporated on 28th November, 1998 as a limited Company under Companies Act, 1956 having their Registered Office at Bhubaneswar. The Memorandum of Association and Article of Association of the Company has been enclosed as Annexure-II(A), the Company has set up a Sponge Iron Manufacturing Unit at village Loidapada, PO- Guali, Tahasil- Barbil, Dist.- Keonjhar, since 1998. M/s Sree Metaliks Limited is one of the illustrations of comprehensive integration of diverse products with synergetic forward and backward linkage that caters to its end-to-end gamut of manufacturing finished steel products. With tight integration and consolidation, M/s Sree Metaliks Limited is sweeping emergence in the ferrous industry to attain an all-round growth.

Subsequently the Company has signed MOU on dt.- 27th November 2004 with Govt. of Odisha [(Annexure II(B))] for setting of 0.25MTPA Steel Plant along with other manufacturing facilities at the same complex at village Loidapada as follows:

| PROJECT CONFIGURATION | CAPACITY |
|------------------------------|-----------------|
| Coal based Sponge Iron | 0.30 MTPA |
| MBF | 0.09 MTPA |
| Steel Billets | 0.25 MTPA |
| Captive Power Plant | 28 MW |
| TMT Bar | 0.045 MTPA |

The cost of the project has been estimated to be Rs. 190.44 Crores. The plant is running with valid permission from all concern authorities. There are about 1950 nos of direct employee and 800 nos indirect employee working in the unit.

The Company has its Captive mines namely Khandbandh Iron Ore Mines at Khandbandh, Dist.- Keonjhar, and carry out mining operation since 2018. The required raw material for the plant has been sourced from the captive mines and also procuring /purchasing raw materials from local mines of Keonjhar and Sundargarh District.

The Water requirements of the steel plant is 661 KLD out of which 25 KLD is for domestic purpose and 636 KLD is for Plant operation. We have obtained NOC from CGWA for withdrawal of ground water through bore well vide no CGWA/NOC/IND/ORIG/2020/9655 valid upto 23.11.2023(Annexure-II.C). Water required for operation of plant has been drawn from Karo River with due permission from Water Resource Department, Government of Odisha. Based on allocation order agreement has been done with Superintending Engineer Baitarni Division, Salapada, Anandapur, Dist- Keonjhar, Odisha. (Copy of agreement attached as Annexure-II.E)

The power requirement of the plant is met from State Electricity Department with due permission vide no FC/CO/180/7366(6) Date 01.09.2021. Based on permission agreement has been done with State Electricity Department.

The project proponent proposes to draw the said water by installing a pump house in the banks of river Karo and laying underground pipe line of 300mm dia along with 11KV underground power cable. The total land requirement is 0.918 Ha including forest land of 0.764 Ha.

Hence, the user agency has submitted the proposed for diversion of 0.764 ha of forest land for laying of I underground water Pipe Line & 11 KV Power Line from river Karo to Loidapada Steel Plant of M/s Sree Metaliks Limited in Barbil Tahasil.

The IRO, MoEF &CC, Govt. of India, Bhubaneswar has accorded the Stage-I approval vide their letter No. 5-ORB539/2022-BHU dated 17.04.2023.

As per the condition No. 2A(II) of the aforesaid Stage-I approval, the user agency shall transfer the cost of plantation of 100 nos. of plants (including 10 year maintenance) at the

current wage rate in consultation with the State Forest Department in the account of CAMPA of the concern State through online portal.

Accordingly this Scheme is prepared to comply the above condition. The present scheme aims at preparation of a site-specific 100 nos. i.e. over 0.08 ha of degraded forest land identified in Belda RF under Keonjhar Range of Keonjhar Division prepared at the prevailing wage rate @Rs. 450.00 per man days (As per 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 2024-25) with maintenance period of 10 (ten) years under AR Model @1600 plants per ha.

CHAPTER- II

DETAILS OF LAND IDENTIFIED FOR PENAL COMPENSATORY AFFORESTATION

IDENTIFICATION OF DEGRADED FOREST LAND

II(1)- Details of identified Forest land-

The identified Forest land for planting of 100 trees as Penal Compensatory Afforestation is situated in Belda RF of Keonjhar Range in Keonjhar Forest Division.

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

The prevailing forest growth has been categorized under forest type- open jungle mainly sal in Sol Topo Sheet. The vegetation consists of Sal and its scattered associates like Jamu, Piasal, Asana, Sisoo, Kuruma, Karada, Dhaura, Khair, Sidha, Harida, Bahada and Ainla.

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

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

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

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

The identified site in Belda RF is a degraded patch with existing vegetation of Sal and Sal associates. Gaps are sporadically spread over the forest block. The topography of the area is mainly undulating hilly having good depth of red boulder mixed soil conducive for plantation under AR plantation model @1600 seedling per ha for 0.08 ha. The average maximum temperature is 40° to 45°C and minimum 5° to 10° C and annual rainfall varies from 1100 mm to 1800 mm. The maximum rainfall is received during the rainy season from July to September. The identified site is situated in Belda RF of Keonjhar Range. The site has been demarcated with 4 feet RCC pillars with erection of durable signboard depicting Scheme, Year, User Agency, Area etc. on it.

CHAPTER-III

DELINEATION OF PROPOSED AREA ON SUITABLE MAP

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

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

III(2) DECISION SUPPORT SYSTEM- ANALYSIS OF FOREST COVER MAP

The map of the proposed Penal Compensatory Afforestation land was processed using DSS for analysis of Forest cover over the area. The result obtained are depicted in the Annexure- I.

Decision Support System of degraded Forest land identified in Belda RF of Keonjhar Range

| Name of the site | Area identified for plantation (in ha) | MDF (in Sq. Miles) | Non-Forest (in Sq. Miles) | Open Forest (in Sq. Miles) |
|-------------------------------|--|--------------------|---------------------------|----------------------------|
| Belda RF under Keonjhar Range | 0.08 | 0.0 | 0.01 | 0.00 |

CHAPTER- IV

AGENCY RESPONSIBLE FOR PENAL COMPENSATORY AFFORESTATION

IV(1)- AGENCY RESPONSIBLE FOR PLACEMENT OF FUNDS

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

IV(2)- AGENCY RESPONSIBLE FOR EXECUTION OF PENAL 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 the Penal Compensatory Afforestation.

CHAPTER- V

DETAILS OF WORK SCHEDULE PROPOSED FOR PENAL COMPENSATORY AFFORESTATION

A. PLANTING PLAN

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

Species to be planted: -

1. *Syzgium cumini* (Jamu)
2. *Adina cardifolia* (Kuruma)
3. *Anogeissus latifolia* (Dhaura)
4. *Pongamia pinnata* (Karanja)
5. *Emblica officinalis* (Amla)
6. *Artocarpus integrifolia* (Panasa)
7. *Mangifera indica* (Mango)
8. *Terminalia belerica* (Bahada)
9. *Terminalia chebula* (Harida)
10. *Madhuca indica* (Mahula)
11. *Schleichera oleosa* (Kusum)
12. *Borassus flabellifer* (Tala) on boundary of each plot

B. PRE-PLANTING OPERATION

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

Nursery will be raised @ 110 seedlings including seedlings for 10% causality replacement for 0.08 ha.

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

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

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

The clearing of the site involving removal of invasive weeds, bushes, climbers, high stumps and singling of shoots will be taken up preferably by the end of February and latest by the end of March. Pits of the dimension 45 cm x 45 cm x 45 cm. will be dug @1600 per ha. in the available gaps 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 grammes of patent mixtures like 'Gromor' or N.P.K. (2:2:1) will be applied in two split doses one in August and the other in September.

D(4)-WATERING TO THE SEEDLINGS

There is no provision for watering to the plants, as there is a Compensatory Afforestation site having the drip irrigation facility is existed near this site.

D(5)-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 over 0.08 ha the entire plantation site (As per base norm of Matrix for the year 2024-25).

D(6)-PROTECTION AGAINST FIRE AND BIOTIC INTERFERENCE

As there is huge by the pressure from wild boar and elephant, mere bamboo twig fencing will be ineffective in protecting in the plantation. Further protected the planting site from grazing by the domestic animals by the Chain link fencing around the plantation site over the length of 110 rmt is required. However, it will be ensure that the aforesaid chain link fencing will not affect/ obstruct the natural pathway of the Elephants, as echoed in recent guidelines issued vide memo No.6041 dated 14.03.2024 of the Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the PCCF & HoFF, Odisha, Bhubaneswar.

So, Chain link fencing is imperative for survival of said Compensatory Afforestation plantation. It will be win-win situation for both Compensatory Afforestation planation and elephant conservation in long term.

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.450.00/- Mandays as per revised wage rate by Labour Commissioner, Odisha,
Bhubaneswar vide Notification No. 2278/LESI dated 13.03.2024. Onetime cost norm provided
by the PCCF, Odisha, Bhubaneswar vide their O.O. No. 1109 dated 08.11.2021.

| Sl. No | Items of work | Perforable 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 |
| 0th Year (Advance work) Per- Plantation Operation | | | | | | |
| 1 | Survey, Demarcation and Pillar posting | Nov/Dec | 2 | 900 | 0 | 900 |
| 2 | Preparation of Treatment Map (Digital Map) | Nov/Dec | 1 | 450 | 100 | 550 |
| 3 | Site preparation (Cleaning & removal of dehrises) | Nov/Dec | 12 | 5400 | 0 | 5400 |
| 4 | Creation of 4.00 mt wide Inspection Path | Feb/Mar | 1 | 450 | 0 | 450 |
| 5 | Alignment and stacking of pits | Feb/Mar | 2 | 900 | 0 | 900 |
| 6 | Digging of pits (45 cm x 45 cm x 45 cm) in hard and gravelly soil | Feb/Mar | 64 | 28800 | 0 | 28800 |
| 7 | Construction of Temporary labour Shed, Drinking water facility and First-Aid etc. | Jan/Mar | 0 | 0 | 3500 | 3500 |
| Total | | | 82 | 36900 | 3600 | 40500 |
| 1st Year /Plantation Year | | | | | | |
| 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 | 5400 | 8000 | 13400 |
| 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) & sticking the seedling @ Rs. 6/- per Seedling.(1760 nos.) | Jul/Aug | 0 | 0 | 10560 | 10560 |
| 3 | Watering polypot seedlings at planting site. | Jul/Aug | 3 | 1350 | 0 | 1350 |
| 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 | 16200 | 0 | 16200 |
| 5 | <u>Cost of Fertilizer & Insecticide</u> (a) NPK/Bin-fertilizer @ 50 gms/plant as hasal dose=80kg@ Rs.30/-per kg= Rs. 2400.00 | Jul/Aug | 0 | 0 | 4800 | 4800 |

| | | | | | | |
|----|---|---------|------------|--------------|--------------|--------------|
| | (b) Urea/Vermicompost/Mo Khata any other fertilizer in two subsequent dose @ Rs. 1200.00 ① Insecticide/ Bio-pesticide @ 5 gms/plant=8 kg @ Rs. 15/- per kg=Rs. 1200.00 | | | | | |
| | Casualty Replacement @ 10 % (160 nos) | Jul/Aug | 4 | 1800 | 0 | 1800 |
| 6 | | Aug/Sep | 15 | 6750 | 0 | 6750 |
| 7 | 1st weeding & Manuring | | | | | |
| 8 | 2nd Weeding, Soil working (1 mt. diameter around the plants) & Manuring | Oct/Nov | 20 | 9000 | 0 | 9000 |
| 9 | Fire line tracing (2 m. wide fire line over 400m long) including maintenance of inspection path. | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 10 | Watch & Ward including watering as per requirement | Aug/Mar | 12 | 5400 | 0 | 5400 |
| | Total | | 105 | 47250 | 23360 | 70610 |

2nd Year Maintenance

| | | | | | | |
|---|--|-----------|-----------|--------------|-------------|--------------|
| 1 | Transportation of 160 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 | 1800 | 0 | 1800 |
| 3 | <u>Cost of Fertilizer & Insecticide</u> (a) Cost of Insecticide/ Bio-pesticide @ gms/ plant=0.8 kg @ Rs.150/- per kg=Rs.120/- (b) Urea/NPK/Bio-fertilizer/Vermicompost/Mo Khata/any other fertilizer@ Rs. 4486/- | Jul/Aug | 0 | 0 | 4606 | 4606 |
| 4 | Weeding (Complete weeding), manuring & Soil working, (1 m. diameter around the plants) | Sep/Oct | 20 | 9000 | 0 | 9000 |
| 5 | Fire line tracing (2 m. wide fire line over 400m long) including maintenance of inspection path. | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 6 | Watch & Ward including watering as per requirement | April/Mar | 18 | 8100 | 0 | 8100 |
| 7 | Maintenance of Temporary Labour Shed, Drinking water facility and First Aid etc. | April/Mar | | 0 | 1000 | 1000 |
| | Total | | 45 | 20250 | 6566 | 26816 |

3rd Year Maintenance

| | | | | | | |
|---|--|---------|----|------|------|------|
| 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 | 9000 | 0 | 9000 |
| 3 | Fire line tracing (2 m. wide fire line over 400m long) including maintenance of inspection path. | Feb/Mar | 3 | 1350 | 0 | 1350 |

| | | | | | | |
|------------------------------|--|-----------|-----------|--------------|-------------|--------------|
| 4 | Watch & Ward including watering as per requirement | April/Mar | 18 | 8100 | 0 | 8100 |
| 5 | Maintenance of Temporary Labour Shed, Drinking water facility and First Aid etc. | April/Mar | 0 | 0 | 1000 | 1000 |
| | Total | | 41 | 18450 | 5486 | 23936 |
| 4th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m long) including maintenance of inspection path. | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward including maintenance of vegetative fencing | April/Mar | 18 | 8100 | 0 | 8100 |
| | Total | | 21 | 9450 | 0 | 9450 |
| 5th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward | April/Mar | 18 | 8100 | 0 | 8100 |
| | Total | | 21 | 9450 | 0 | 9450 |
| 6th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Pruning of branches, Sigling out of multiple shots | Jan/Mar | 5 | 2250 | 0 | 2250 |
| 3 | Watch & Ward | April/Mar | 18 | 8100 | 0 | 8100 |
| | Total | | 26 | 11700 | 0 | 11700 |
| 7th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward | April/Mar | 18 | 8100 | 0 | 8100 |
| | Total | | 21 | 9450 | 0 | 9450 |
| 8th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward | April/Mar | 18 | 8100 | 0 | 8100 |
| | Total | | 21 | 9450 | 0 | 9450 |
| 9th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward | April/Mar | 18 | 8100 | 0 | 8100 |
| | Total | | 21 | 9450 | 0 | 9450 |
| 10th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward | April/Mar | 18 | 8100 | 0 | 8100 |
| | Total | | 21 | 9450 | 0 | 9450 |

| 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 Seedings @ Rs. 67.62 per seedlings | Total Cost (In Rs.) |
|--------|--------------|----------------|---------------------|-----------------------|---|--|---------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | 0th year | 82 | 36900 | 3600 | 2025 | 0 | 42525 |
| 2 | 1st year | 105 | 47250 | 23360 | 3530.5 | 108192.0 | 182332.5 |
| 3 | 2nd year | 45 | 20250 | 6566 | 1340.8 | 10819.2 | 38976 |
| 4 | 3rd year | 41 | 18450 | 5486 | 1196.8 | 0 | 25132.8 |
| 5 | 4th year | 21 | 9450 | 0 | 472.5 | 0 | 9922.5 |
| 6 | 5th year | 21 | 9450 | 0 | 472.5 | 0 | 9922.5 |
| 7 | 6th year | 26 | 11700 | 0 | 585 | 0 | 12285 |
| 8 | 7th year | 21 | 9450 | 0 | 472.5 | 0 | 9922.5 |
| 9 | 8th year | 21 | 9450 | 0 | 472.5 | 0 | 9922.5 |
| 10 | 9th year | 21 | 9450 | 0 | 472.5 | 0 | 9922.5 |
| 11 | 10th year | 21 | 9450 | 0 | 472.5 | 0 | 9922.5 |
| | Total | 425 | 191250 | 39012 | 11513.1 | 119011 | 360786 |

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

| Annexure-11 | | | |
|--|---|--------------------------------|------------|
| 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, L.BCI, Wire mesh L.BCI, Sub surface Dyke & WIS 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 |
| 4th 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.


APCCF (Forest Diversinn & Nil, FC Act)

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 | 20115 | 3032 | 3032 | 3032 | 3032 | | | | | | | | | | | |
| 1 | 2011-22 | C | 21216 | 3342 | 3510 | 3655 | 3870 | | | | | | | | | | | 35633 |
| 2 | 2012-23 | | 0 | 22287 | 3509 | 3656 | 3859 | 4064 | | | | | | | | | | 37415 |
| 3 | 2013-14 | | | 0 | 23401 | 3681 | 3870 | 4067 | 4267 | | | | | | | | | 39284 |
| 4 | 2014-25 | | | | 0 | 24571 | 3868 | 4061 | 4255 | 4480 | | | | | | | | 41248 |
| 5 | 2015-26 | | | | | 0 | 25800 | 4051 | 4257 | 4476 | 4701 | | | | | | | 43310 |
| 6 | 2016-27 | | | | | | 0 | 27030 | 4261 | 4480 | 4702 | 4930 | | | | | | 45475 |
| 7 | 2017-28 | | | | | | | 0 | 28242 | 4477 | 4704 | 4937 | 5156 | | | | | 47749 |
| 8 | 2018-29 | | | | | | | 0 | 29567 | 4701 | 4939 | 5184 | 5445 | | | | | 50136 |
| 9 | 2019-30 | | | | | | | | 0 | 31360 | 4936 | 5186 | 5443 | 5717 | | | | 52642 |
| 10 | 2020-31 | | | | | | | | | 0 | 32918 | 5183 | 5445 | 5715 | 6003 | | | 55174 |

In Rupees

APCCF (Forest Division & HQ, FC And)

Fencing Model F-II

Fencing for Compensatory Plantation raised 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 | Earth work (excavation of foundation) in Hard soil at a distance 3 mt. 0.40m x 0.40m x 0.10m - 0.064 cum @ Rs. 140/cum Rs. 9.54 | | 2.42 | 752.62 | 0.0 | 752.6 |
| 2 | Cement concrete (1:3:10) using 40 mm BHC metal 0.4 x 0.40m x 0.40m x 0.10m - 1.344 cu @ 3755.94/cum | | 0 | 0 | 5,047.4 | 5,047.4 |
| 3 | Angle iron pole 175mm x 50 mm x 6 mm of height 2.40 mt. 0.4 x 2.40 - 701.60 Sqmt. @ 4.50/kg/Sqmt. - 3157.20 kg @ 69.50 per kg | | | | 63,050.0 | 63,050.0 |
| 4 | Cement concrete (1:3:10) for fixing the iron angle pole using 12mm BHC Chips 0.4 x 0.40m x 0.40m x 0.30m - 4.032 cum @ 5406.77/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 x 2.10 mt. - 525 Sq mt @ 331/Sqmt = Rs. 1,73,775 | | | | 1,73,775.0 | 1,73,775.0 |
| 6 | Double coat painting of iron angle pole over a coat of primer using good quality emulsion paint 0.4 x 2.40 x 0.20 - 35.28 sqmt. @ Rs. 108.80/Sqmt | | | | 3,838.0 | 3,838.0 |
| 7 | Painting of GI chain link mesh 250 x 2.10 x 2 - 1050/10 - 105 Sqmt. @ Rs. 100.80 Sqmt. | | | | 11,424.0 | 11,424.0 |
| 8 | Transportation of Chain link mesh, Iron angle, Straightening & tying 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 is 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 | | | | | | |
| 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 |

TOTAL COST OF PROJECT

| Sl. No | Item of Work | Unit price | In Rupees |
|--------|--|-----------------------------|---|
| 1 | Cost of AR plantation @1600 plants/ ha over 0.008 ha @ Rs.3,60,786.00 per ha with 10 years maintenance. | 3,60,786/- x 0.08 ha | 28862.88 |
| 2 | Cost of Soil Moisture Conservation (SMC) (As per base norm of Matrix for the year 2024-25) | 41,248/- x 0.08 ha | 3299.84 |
| 3 | Cost of Angle Iron & Chain Link wire mesh Fencing @4,85,432/- per 250 rmt/ha over 0.11 Km. (As per base norm of Matrix for the year 2024-25) | 4,85,432/ 250 RMT x 110 RMT | 213590.08 |
| | Grand Total | | 2,45,752.80 Or say 2,45,800.00 |

(Rupees two lakh forty-five thousand eight hundred) only

Technically Approved

Regional Chief Conservator of Forests
Bourkela Circle

PROVISION OF FUNDS AND FUND UTILIZATION

Rs. 2,45,800/- (Rupees two lakh forty-five thousand eight hundred) only shall be deposited by the User Agency i.e. M/s Sree Metaliks Ltd. on approval of the scheme to the Ad-hoc CAMPA Account and the funds will be utilized for raising of Penal 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

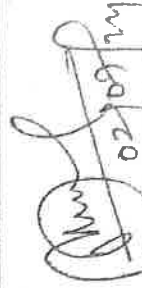
Penal Compensatory Afforestation will be taken up in the identified site by the Range Officer, Keonjhar Range of Keonjhar Division. The Range Forest Officer, Keonjhar Range will undertake field checks of the works undertaken at the identified site and will be cross checked by the Asst. Conservator of Forests, (Affn.) and Divisional Forest Officer, Keonjhar Division. GPS co-ordinates along with other required informations of Penal 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 Keonjhar 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

“DSS ANALYSIS CERTIFICATE”

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-

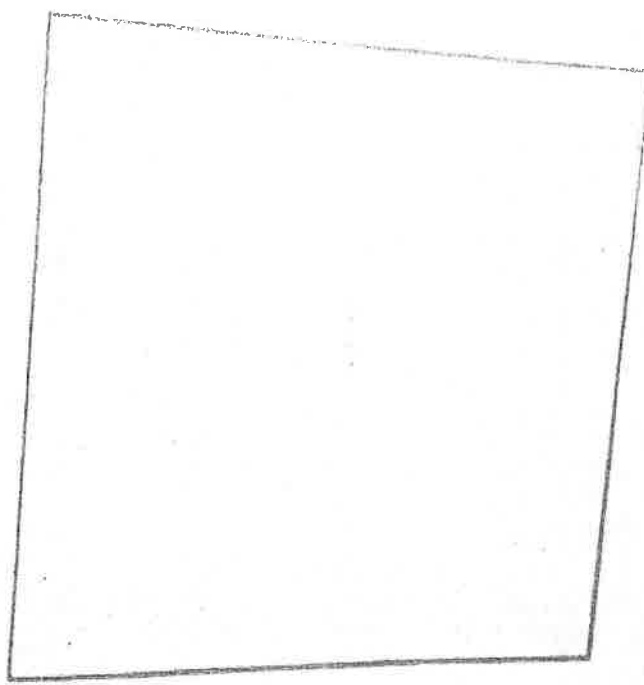
| Sl. No. | Name of Range | Name of the Forest Block (RF/PRF/PF/DPF/Revenue Forest) | Area identified for CA/ ACA/ PCA (in ha) | Classification of identified land (in Sq. KM) | | | | | | Area suitable for plantation (in Sq. KM) | | | | Plantation model (AR/ANR) | Remarks | |
|---------|---------------|---|--|---|-------------------------|-------------|------------|-------|-------|--|-------------|------------|-------|---------------------------|---------|-------|
| | | | | 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 | Keonjhar | Belda RF | PCA (0.08 ha) | 0 | 0.00 | 0.00 | 0.01 | 0 | 0 | 0.08 | 0.00 | 0.01 | 0 | 0.08 | AR | |


 02/09/24

Divisional Forest Officer,
Keonjhar Division.

Countersigned

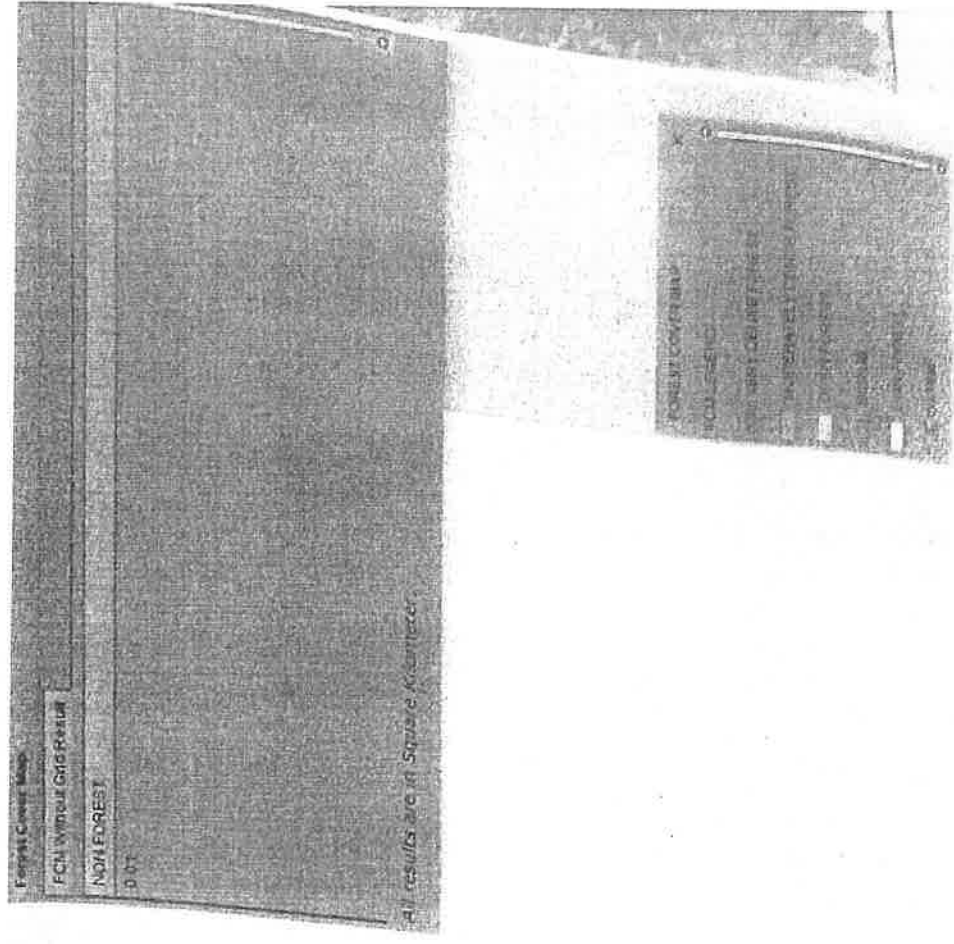
Regional Chief Conservator of Forests,
Rourkela Circle



ORISSA

21 901 Long - 85.045

Alt 1.220



Legend
PLANTATION BOUNDARY LINE



IN RESPECT OF LAYING OF UNDERGROUND WATER PIPELINE OF M/S SREE METALLURGY LTD.
FROM KARO RIVER TO LOIDAPADA INTEGRATED STEEL PLANT



OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION

Phone No- 06766-254315, email ID- dfo.keonjhar@odisha.gov.in

Memo No 5258

/6F-Mining-258/2018

Dated, Keonjhar the

09th July, 2024

To

The Director,
M/s Sree Metaliks Ltd.,
SML House, Main Road, Barbil-758035.

Sub: Proposal for diversion of 0.764 ha of forest land for laying underground water Pipe Line & 11 KV Power Line from river Karo to Loidapada Steel Plant of M/s Sree Metaliks Limited in Barbil Tahasil of Keonjhar.

X-Sub: Demand of funds towards plantation of 100 nos plant over 0.08 ha in Belda RF.

Ref: Memo No. 2860 dated 05.07.2024 of Regional Chief Conservator of Forests, Rourkela Circle, Rourkela.

Sir,

With reference to the aforementioned memo on the captioned subject, this is to intimate that the Regional Chief Conservator of Forests, Rourkela Circle, Rourkela has technically approved the Scheme for plantation of 100 nos plant over 0.08 ha of degraded forest land identified in Belda RF under Keonjhar Range prepared at the prevailing wage rate @Rs.450.00 per MD as per onetime cost norm provided by the PCCF, Odisha, Bhubaneswar vide their O.O. No. 1109 dated 08.11.2021 (As per base norm of Matrix for the year 2024-25) with a total financial outlay of Rs. 2,45,800/- (Rupees two lakh forty-five thousand eight hundred) only.


Hence, you are requested to deposit the approved amount Rs.2,45,800/- (Rupees two lakh forty-five thousand eight hundred) only towards plantation of 100 nos plant over 0.08 ha of degraded forest land identified in Belda RF under Keonjhar Range of the aforementioned project through e-portal of MoEF&CC as provided in the <https://parivesh.nic.in/> and the proof/evidence of the deposit of fund be submitted to this office for further necessary action at this end.

Yours faithfully,


Divisional Forest Officer,
Keonjhar Division.

Memo No. 5259 /Dated 09.07.2024

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


Divisional Forest Officer,
Keonjhar Division.


6/7

AGENCY COPY



NEFT / RTGS CHALLAN for CAMPA Funds

Date : 12-07-2024

| | |
|------------------|---|
| Agency Name. | SREE METALIKS LTD |
| Application No. | 19930598954 |
| MoEF/SG File No. | 5-ORB539/2022-BHU |
| Location. | ORRISA |
| Address. | At-Loiapada, Po- Guali, Dist- Keonjhar Kendujhar |
| Amount(in Rs) | 245800/- |

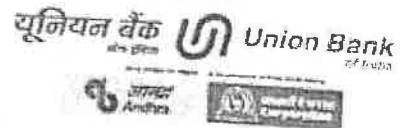
Amount in Words Two Lakh Forty-Five Thousand Eight Hundred Rupees Only

NEFT/RTGS to be made as per following details;

| | |
|----------------------|--|
| Beneficiary Name: | ORRISA CAMPA |
| IFSC Code: | UBIN0996335 |
| Pay to Account No. | 1508219930598954 Valid only for this challan amount. |
| Bank Name & Address: | Union Bank Of India FCS Centre, 21/1, III Floor, Jelitta Towers, Mission Road, Bengaluru-560027 |

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

BANK COPY



NEFT / RTGS CHALLAN for CAMPA Funds

Date : 12-07-2024

| | |
|------------------|---|
| Agency Name. | SREE METALIKS LTD |
| Application No. | 19930598954 |
| MoEF/SG File No. | 5-ORB539/2022-BHU |
| Location. | ORRISA |
| Address: | At-Loiapada, Po- Guali, Dist- Keonjhar Kendujhar |
| Amount(in Rs) | 245800/- |

Amount in Words Two Lakh Forty-Five Thousand Eight Hundred Rupees Only

NEFT/RTGS to be made as per following details;

| | |
|----------------------|--|
| Beneficiary Name: | ORRISA CAMPA |
| IFSC Code: | UBIN0996335 |
| Pay to Account No. | 1508219930598954 Valid only for this challan amount. |
| Bank Name & Address: | Union Bank Of India FCS Centre, 21/1, III Floor, Jelitta Towers, Mission 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

PUNBR52024071210365570.





ANNEXURE- 3 A

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

Letter No. 3752

/6F-Mining-258/2018

Dated, Keonjhar the

7th May, 2024

To

The Director,
M/s Sree Metaliks Ltd.,
At/Po-Barbil, Dist-Keonjhar,
Pin- 758035.

Sub:

Diversion of 0.764 ha of forest land for laying of underground wter pipeline alongwith 11 KV power line form river Karo to Loidapada Integrated Steel Plant of M/s Sree Metaliks Ltd. in Barbil Tahasil of Keonjhar District- Finacial Outlay of PCA Scheme regarding.

X-Sub:

Demand of funds towards PCA Scheme.

Ref:

Memo No.9452 dated 06.05.2024 of Chief Conservator of Forests, FD & NO, FC Act, O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar.

Sir

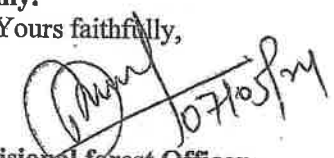
With reference to the aforementioned memo on the captioned subject, you are requested to deposit the approved amount of **Rs.30,80,500.00/- (Rupees thirty lakhs eighty thousand and five hundred)** only towards the cost of Penal Compensatory Afforestation scheme against non-forestry use of 0.764 ha forest land proposed for diversion in respect of the aforementioned project through e-portal of MoEF&CC as provided in the <https://parivesh.nic.in/> and the proof/evidence of the deposit of fund be submitted to this office for further necessary action at this end.

Details approved of PCA Scheme

| Sl. No. | Particulars | Amount to be deposited (in Rs) |
|-------------|--|--------------------------------|
| 1 | Scheme for Penal Compensatory Afforestation over 3.82 ha of non-forest land identified in Vill-Laxmiposi @ Jarasandha under Ghatagaon Tahasil of Ghatagaon Range in Keonjhar District. | 30,80,500.00 |
| Grand Total | | 30,80,500.00 |

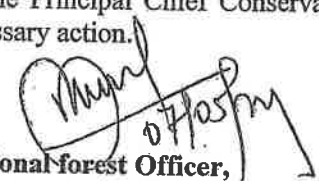
(Rupees thirty lakhs eighty thousand and five hundred) only.

Yours faithfully,


Divisional forest Officer,
Keonjhar Division.

Memo No. 3753 /Dated 07.05.24

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


Divisional forest Officer,
Keonjhar Division.



ICICI Bank Advice Receipt

5/14/24 2:02 PM

Transaction Details

Account Number: 064005000097

Transaction Date: 14-05-2024 00:00:00

Transaction Amount: INR 30,80,500.00

Debit/Credit: Debit

Transaction Description : CMS/001443771942/ORIS
SA CAMPA

Note: This is an electronically generated receipt and
does not need any signature.

Payment Ref No. CMS4156861138



Date and Time: 14/05/2024 2:02 PM

AGENCY COPY

यूनियन बैंक Union Bank
of India

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 14-05-2024

| | |
|------------------|---|
| Agency Name. | SREE METALIKS LTD |
| Application No. | 19930598484 |
| MoEF/SG File No. | 5-ORB539/2022-BHU |
| Location. | ORRISA |
| Address. | At-Loiapada, Po- Guali, Dist- Keonjhar Kendujhar |
| Amount(in Rs) | 3080500/- |

Amount in Words :Thirty Lakh Eighty Thousand Five Hundred
Rupees OnlyNEFT/RTGS to be made as per following
details;

| | |
|-------------------------|--|
| Beneficiary Name: | ORRISA CAMPA |
| IFSC Code: | UBIN0996335 |
| Pay to Account No. | 1508219930598484 Valid only for this challan amount. |
| Bank Name & Address: | Union Bank Of India FCS Centre, 21/1, III Floor, Jellita Towers, Mission 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 : 14-05-2024

| | |
|------------------|---|
| Agency Name. | SREE METALIKS LTD |
| Application No. | 19930598484 |
| MoEF/SG File No. | 5-ORB539/2022-BHU |
| Location. | ORRISA |
| Address: | At-Loiapada, Po- Guali, Dist- Keonjhar Kendujhar |
| Amount(in Rs) | 3080500/- |

Amount in Words :Thirty Lakh Eighty Thousand Five Hundred
Rupees OnlyNEFT/RTGS to be made as per following
details;

| | |
|-------------------------|--|
| Beneficiary Name: | ORRISA CAMPA |
| IFSC Code: | UBIN0996335 |
| Pay to Account No. | 1508219930598484 Valid only for this challan amount. |
| Bank Name & Address: | Union Bank Of India FCS Centre, 21/1, III Floor, Jellita Towers, Mission 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





Through E-mail

ANNEXURE-3 C

STATE FOREST HEADQUARTERS, ODISHA
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS & HoFF
PLOT NO. GD-2/12, ARANYA BHAWAN, CHANDRASEKHARPUR
BHUBANESWAR-751023

E-mail:- nodal.pccfhoff@odisha.gov.in / nodal.pccfodisha@gmail.com

Memo No.

9452

/9F (Others) – 373/2022

Dated, Bhubaneswar the

06th May' 2024

To

The Divisional Forest Officer
Keonjhar Forest Division

Sub: **Diversion of 0.764 ha of forest land for laying of underground water pipeline alongwith 11 KVA power line from river Karo to Loidapada Integrated Steel Plant of M/s Sree Metaliks Ltd in Barbil Tahasil of Keonjhar District – Financial outlay of PCA Scheme regarding.**

Ref:- (i) Memo No. 1590 dated 16.04.2024 of RCCF, Rourkela Circle
(ii) Your Memo No. 3560 dated 01.05.2024.

Enclosed, please find herewith a copy of the PCA Scheme (in two sets) alongwith the financial outlay for Penal Compensatory Afforestation Scheme over an area of **3.82 ha** of **Non-Forest land** identified in Village Laxmiposi @ Jarasandha under Ghatgaon Tahasil in **Keonjhar Forest division** pertaining to the above project which has been approved by PCCF (FD & Nodal Officer, FC Act) as per matrix 2024-25 of approved One-time cost norm for **Rs 30,80,500/-** (Rupees thirty lakhs eighty thousand and five hundred) only.

In this context, I am directed to request you to raise demand on the user agency for payment of compensatory levies through web portal of MoEF & CC and submit the deposit particulars of the amount paid in prescribed CAMPA format alongwith the Stage-I compliance.

**Encl - PCA Scheme in duplicate
alongwith financial outlay**

Memo No.

9453

Dt

06-05-2024

Chief Conservator of Forests (Nodal)

Copy forwarded to the RCCF, Rourkela Circle for information & necessary action.

Memo No.

9454

Dt

06-05-2024

Chief Conservator of Forests (Nodal)

Copy alongwith the financial outlay forwarded to the Managing Director, M/s Sree Metaliks Ltd., At/Po-Barbil, Dist-Keonjhar-758035 for information and necessary action.

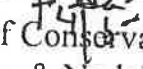
Chief Conservator of Forests (Nodal)

Financial Outlay for Penal Compensatory Afforestation Scheme over 3.82 ha of Non-forest land identified in village Laxmiposi@Jarasandha under Ghatagaon Tahasil of Ghatagaon Range in Keonjhar Forest Division in lieu of 0.764 ha of Forest land for laying of underground Water Pipeline and 11 KV Power Line from River Karo to Loidapada Steel Plant by M/s Shree Metaliks Ltd. as per matrix 2024-25 of approved one-time cost norm

| Sl. No. | Description | Amount (Rs.) |
|---------|--|--------------------------|
| 1. | Cost of ANR Plantation @ 500 plants per ha over 2.0 ha (excluding MDF area) @ Rs.2,91,399/- per ha with 20 year maintenance | 5,82,798.00 |
| 2. | Watering by Diesel Pump Set fitted with borewell for 1000 plants @ Rs.5,53,688/- per 1000 plants (As proposed by DFO, Keonjhar Forest Division) | 5,53,688.00 |
| 3. | Cost of Iron Angle with chain link wire mesh fencing over 3.82 ha @ Rs.4,85,432/- per 250 RMT/ha with 10 years maintenance (As proposed by DFO, Keonjhar Forest Division) | 17,86,389.00 |
| 4. | Cost of SMC structure like staggered trench, percolation pits, contour trench, Graded earthen bund, LBCD, wire mesh LBCD, Sub surface Dykes & WHS as per the slope & Site requirement @ Rs.41.248/- per ha over 3.82 ha with 5 years maintenance | 1,57,567.00 |
| | Grand Total | 30,80,442.00 |
| | | Or rounded off to |
| | | 30,80,500.00 |

(Rupees Thirty Lakhs Eighty thousand and five hundred) only

Approved


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

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

**SCHEME FOR PENAL COMPENSATORY AFFORESTATION
OVER AN AREA OF 3.82 HA NON-FOREST GOVT. LAND
IDENTIFIED IN VILLAGE LAXMIPOSI@JARASANDHA UNDER
GHATGAON TAHASIL OF GHATGAON RANGE IN KEONJHAR
FOREST DIVISION AND KEONJHAR DISTRICT.**

**FOR DIVERSION OF 0.764 HA
OF FOREST LAND FOR LAYING OF UNDERGROUND WATER
PIPE LINE & 11 KV POWER LINE FROM RIVER KARO TO
LOIDAPADA STEEL PLANT OF M/S SREE METALIKS LIMITED**

Prepared by


**DIVISIONAL FOREST OFFICER
KEONJHAR DIVISION**

**ELEMENTS OF THE SCHEME FOR PENAL COMPENSATORY
AFFORESTATION**

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CHAPTER-I

BRIEF NOTE ON THE PROPOSED FOREST DIVERSION PROPOSAL

The project proponent i.e M/s Sree Metaliks Limited, a company incorporated on 28th November, 1998 as a limited Company under Companies Act, 1956 having their Registered Office at Bhubaneswar. The Memorandum of Association and Article of Association of the Company has been enclosed as Annexure-II(A), the Company has set up a Sponge Iron Manufacturing Unit at village Loidapada, PO- Guali, Tahasil- Barbil, Dist.- Keonjhar, since 1998. M/s Sree Metaliks Limited is one of the illustrations of comprehensive integration of diverse products with synergetic forward and backward linkage that caters to its end-to-end gamut of manufacturing finished steel products. With tight integration and consolidation, M/s Sree Metaliks Limited is sweeping emergence in the ferrous industry to attain an all-round growth. Subsequently the Company has signed MOU on dt.- 27th November 2004 with Govt. of Odisha [(Annexure II(B))] for setting of 0.25 MTPA Steel Plant along with other manufacturing facilities at the same complex at village Loidapada as follows:

| PROJECT CONFIGURATION | CAPACITY |
|------------------------------|-----------------|
| Coal based Sponge Iron | 0.30 MTPA |
| MBF | 0.09 MTPA |
| Steel Billets | 0.25 MTPA |
| Captive Power Plant | 28 MW |
| TMT Bar | 0.045 MTPA |

The cost of the project has been estimated to be Rs. 190.44 Crores. The plant is running with valid permission from all concern authorities. There are about 1950 nos of direct employee and 800 nos indirect employee working in the unit. The Company has its Captive mines namely Khandbandh Iron Ore Mines at Khandbandh, Dist.- Keonjhar, and carry out mining operation since 2018. The required raw material for the plant has been sourced from the captive mines and also procuring /purchasing raw materials from local mines of Keonjhar and Sundargarh District.

The Water requirements of the steel plant is 661 KLD out of which 25 KLD is for domestic purpose and 636 KLD is for Plant operation. We have obtained NOC from CGWA for withdrawal of ground water through bore well vide no CGWA/NOC/IND/ORIG/2020/9655 valid upto 23.11.2023(Annexure-II.C). Water required for operation of plant has been drawn from Karo River with due permission from Water Resource Department, Government of Odisha. Based on allocation order agreement has been done with Superintending Engineer Baitarni Division, Salapada, Anandapur, Dist- Keonjhar, Odisha. (Copy of agreement attached as Annexure-II.E)

The power requirement of the plant is met from State Electricity Department with due permission vide no FC/CO/180/7366(6) Date 01.09.2021. Based on permission agreement has been done with State Electricity Department. The project proponent proposes to draw the said water by installing a pump house in the banks of river Karo and laying underground pipe line of 300mm dia along with 11KV underground power cable. The total land requirement is 0.918 Ha including forest land of 0.764 Ha.

The Stage-I approval over 0.764 Ha of forest land under section 2 of FC Act 1980 has been granted by MoEF & CC, Govt. of India vide their no. 5-ORB539/2022-BHU dated 17.04.2023, where in it has been stipulated as per condition No. 2.A (iv) "*Penal CA shall be raised over non-forest land five (5) times to the extent of forest land used for non-forestry activities in violation of Forest (Conservation) Act 1980. Accordingly, State Govt. shall prepare Penal CA and submit the Penal CA scheme, SoI Toposheet, DGPS map and KML file of the non-forest land*".

Accordingly, Collector & District Magistrate, Keonjhar has allotted/ identified Non-Forest Land over an area of 3.82 ha (0.764 x 5 times) for raising Penal Compensatory Afforestation as follows:-

| Sl. No. | Name of the Tahasil | Name of the Village | Area Identified for PCA in Ha. |
|--------------|---------------------|-----------------------|--------------------------------|
| 1 | Ghatgaon | Laxmiposi@ Jarasandha | 3.82 |
| Total | | | 3.82 |

The present scheme, therefore aims at preparation of site specific Penal Compensatory Afforestation scheme over the Non-Forest Govt. land of 3.82 Ha identified in village Laxmiposi@ Jarasandha under Ghatgaon Tahasil in Ghatgaon Range under Keonjhar Forest Division and Keonjhar District, in ANR Model @500 seedlings per Ha with a maintenance of twenty (20) years.

CHAPTER- II

DETAILS OF LAND IDENTIFIED FOR PENAL COMPENSATORY AFFORESTATION

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

The site for Penal Compensatory Afforestation have been identified in village Laxmiposi@ Jarasandha under Ghatgaon Tahasil in Ghatgaon Range under Keonjhar Forest Division and Keonjhar District over 3.82 ha have been jointly verified by the Tahasildar, Ghatgaon, Revenue Inspector, Dhenkikote, Asst. Conservator of Forests, I/c Ghatgaon Range and Forest Section Officer, Dhenkikote and found suitable for penal compensatory afforestation. The copy of the Joint Verification report of Tahasildar, Ghatgaon is enclosed as Annexure- _____.

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

The Tahasildar, Ghatgaon have given certificate of non-encroachment and non-encumbrance in respect of the Non-Forest Govt. Land identified and allotted for Penal Compensatory Afforestation over 3.82 ha for laying of underground water Pipe Line & 11 KV Power Line from river Karo to Loidapada Steel Plant of M/s Sree Metaliks Limited.

C. INFORMATION ON LAND STATUS.

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

| Name of the Tahasil | Name of the Village | Khata No. | Plot No. | Kissam | Area in Ha. |
|---------------------|-----------------------|-----------|-----------|-----------|-------------|
| Ghatgaon | Laxmiposi@ Jarasandha | 46(AAA) | 21/443(P) | Parbat- I | 3.82 |

D. SUITABILITY OF IDENTIFIED SITE FOR PENAL COMPENSATORY AFFORESTATION.

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

The Non-Forest Govt. Land identified in villages Laxmiposi@Jarasandha under Ghatgaon Tahasil in Ghatgaon Range under Keonjhar District is in one (1) village situated on upland with gentle slope is suitable for Penal Compensatory Afforestation. The identified Non-Forest Land is having canopy density below 0.4. over 3.82 ha can be suitable for plantation @500 seedlings/ ha as per DSS report and report of the Asst. Conservator of Forests, I/c, Ghatgaon Range is enclosed herewith Annexure-_____.

CHAPTER-III

DELINEATION OF PROPOSED AREA ON SUITABLE MAP

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

The area has been demarcated through DGPS survey and 13 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 have been depicted in the village sheet map (Map Enclosed). Durable sign boards have been erected at the identified sites 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 & Perimeter of Non-Forest Govt. land identified in villages Laxmiposi@Jarasandha under Ghatgaon Tahasil of Keonjhar District

| Name of the site | Area identified for plantation (in ha) | MDF (in Sq. Km) | Non-forest (in Sq. Km) | Open Forest (in Sq. Km) | Scrub (in Sq. Km) | Perimeter (In Km) |
|---|--|-----------------|------------------------|-------------------------|-------------------|-------------------|
| Laxmiposi@Jarasandha under Ghatgaon Tahasil | 3.82 | 0.03 | 0.01 | 0.01 | 0.00 | 0.92 |
| Total | 3.82 | 0.03 | 0.01 | 0.01 | 0.00 | 0.92 |

CHAPTER-IV

AGENCY RESPONSIBLE FOR PENAL COMPENSATORY AFFORESTATION

IV(1) AGENCY RESPONSIBLE FOR PLACEMENT OF FUNDS

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

IV(2) AGENCY RESPONSIBLE FOR EXECUTION OF PENAL 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 Penal Compensatory Afforestation.

CHAPTER- V

DETAILS OF WORK SCHEDULE PROPOSED FOR PENAL 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. The report of GIS based DSS are enclosed herewith.

Species to be planted:-

1. *Syzgium cumini* (Jamu)
2. *Adina cardifolia* (Kuruma)
3. *Anogeissus latifolia* (Dhaura)
4. *Pongamia pinnata* (Karanja)
5. *Emblica officinalis* (Amla)
6. *Artocarpus integrifolia* (Panasa)
7. *Mangifera indica* (Mango)
8. *Terminalia belerica* (Bahada)
9. *Terminalia chebula* (Harida)
10. *Madhuca indica* (Mahula)
11. *Schleichera oleosa* (Kusum)
12. *Borassus flabellifer* (Tala) on boundary of each plot

B. PRE-PLANTING OPERATION

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

Nursery will be raised 550 seedlings per ha including seedlings for 10% casualty replacement for 2.00 ha

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

The planting area has been surveyed and demarcated through DGPS survey and 13 Nos. of 4' height RCC pillars have been posted 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. Durable sign board has been erected at a conspicuous location with name of the site, scheme, area etc. depicted on it.

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

The clearing of the site involving removal of invasive weeds, bushes, climbers, high stumps and singling of shoots will be taken up preferably by the end of February and latest by the end of March. Pits of the dimension 45cm³ will be dug ANR model @500 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 the entire plantation site over 3.82 ha

D(5)-WATERING PROVISION

There will be two (2) borewells fitted with diesel pump set (as per report of Asst. Conservator of Forests, I/c Ghatgon Range) for 2.00 ha plantation.

D(6)-PROTECTION AGAINST FIRE AND BIOTIC INTERFERENCE

It is proposed to protect the PCA 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 0.92 KM. or 920 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 concerned VSS.

CHAPTER- VI
COST STRUCTURE OF PLANTATION, PROVISION OF FUNDS AND UTILIZATION

Base Cost Norm for ANR Plantation @500 seedlings per ha (18 months old seedlings)
based on Onetime cost norm provided by the PCCF, Odisha, Bhubaneswar vide their
O.O. No. 1109 dated 08.11.2021.

| 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 |
| 0th Year (Advance work) Per- Plantation Operation | | | | | | |
| 1 | Survey, Demarcation and Pillar posting | Nov/Dec | 2 | 900 | 0 | 900 |
| 2 | Preparation of Treatment Map (Digital Map) | Nov/Dec | 1 | 450 | 100 | 550 |
| 3 | Site preparation (Cleaning & removal of dehrises) | Nov/Dec | 2 | 900 | 0 | 900 |
| 4 | Silvicultural operations including clearance of weed, cutting of climber, High stump cutting, Slugging of shots and removal of cut out after drying from the field to blank space. | Feb/Mar | 15 | 6750 | 0 | 6750 |
| 5 | Alignment and stacking of pits | Feb/Mar | 1 | 450 | 0 | 450 |
| 6 | Digging of pits (45 cm x 45 cm x 45 cm) in hard and gravelly soil | Feb/Mar | 20 | 9000 | 0 | 9000 |
| | Total | | 41 | 18450 | 100 | 18550 |
| 1st Year /Plantation Year | | | | | | |
| 1 | Refilling of pits by altering the dugout soil of the pits, application of organic compounds/ CDM/FYM & mixing the same properly. | Jun/Jul | 4 | 1800 | 2500 | 4300 |
| 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) & sticking the seedling @ Rs. 6/- per Seedling.(1100 nos.) | Jul/Aug | 0 | 0 | 3300 | 3300 |
| 3 | Watering polypot seedlings at planting site. | Jul/Aug | 1 | 450 | 0 | 450 |
| 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 | 11 | 4950 | 0 | 4950 |
| 5 | Cost of Fertilizer & Insecticide (a) NPK/Bin-fertilizer @ 50 gms/plant as hasal dose=50kg@ Rs.30/-per kg= Rs. 1500.00 (b) Urea/Vermicumpost/Mo Khata/any other fertilizer in two subsequent dose @ Rs. 750.00 ©Insecricide/ Bio-pescticide @ 5 gms/plant=5 kg @ Rs.15/- per kg=Rs. 750.00 | Jul/Aug | 0 | 0 | 1500 | 1500 |

| | | | | | | |
|-----------------------------|--|-----------|-------------|---------------|---------------|--------------|
| 6 | Casualty Replacement @ 10th (100 nos) | Jul/Aug | 1.5 | 675 | 0 | 675 |
| 7 | 1st weeding & Manuring | Aug/Sep | 5 | 2250 | 0 | 2250 |
| 8 | 2nd Weeding , Soil working (1 mt. diameter around the plants) & Manuring | Oct/Nov | 8 | 3600 | 0 | 3600 |
| 9 | Fire line tracing (2 m. wide fire line over 400m long) including maintenance of inspection path. | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 10 | Watch & Ward including watering as per requirement | Aug/Mar | 8 | 3600 | 0 | 3600 |
| | Total | | 41.5 | 18675 | 7300 | 25975 |
| 2nd Year Maintenance | | | | | | |
| 1 | Transportation of 100 seedlings from Nursery to plantation site Including loading, unloading & conveyance by Tractor @ Rs. 6/- per seedling | Jul | 0 | 0 | 300 | 300 |
| 2 | Casualty replacement-10% | Jul | 1.5 | 517.5 | 0 | 517.5 |
| 3 | Cost of Fertilizer & Insecticide (a) Cost of Insectide/ Bio-pesticide @ gms/ plant=0.5 kg @ Rs.150/- per kg=Rs.75/- (b) Urea/NPK/Bio-fertilizer/Vermicompost/Mo Khata/any other fertilizer@ Rs. 2800/- | Jul/Aug | 0 | 0 | 1437.5 | 1437.5 |
| 4 | Weeding (Complete weeding), manuring & Soil working, (1 m. diameter around the plants) | Sep/Oct | 8 | 2760 | 0 | 2760 |
| 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 | 12 | 4140 | 0 | 4140 |
| | Total | | 24.5 | 8452.5 | 1737.5 | 10190 |
| 3rd Year Maintenance | | | | | | |
| 1 | Cost of fertilizer(Urea/NPK/Bio-fertilizer/Vermicompost/Mo Khata/any other fertilizer | Jul/Aug | 0 | 0 | 1400 | 1400 |
| 2 | Weeding (Complete weeding), Manuring & Soil working, (1 m. diameter around the plants) | Sep/Oct | 8 | 2760 | 0 | 2760 |
| 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 | 12 | 4140 | 0 | 4140 |
| | Total | | 23 | 7935 | 1400 | 9335 |
| 4th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m long) including maintenance of inspection path. | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward including maintenance of vegetative fencing | April/Mar | 12 | 5400 | 0 | 5400 |
| | Total | | 15 | 6750 | 0 | 6750 |
| 5th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward | April/Mar | 12 | 5400 | 0 | 5400 |
| | Total | | 15 | 6750 | 0 | 6750 |

| 6th Year Maintenance | | | | | | |
|-----------------------|--|-----------|-----------|-------------|----------|-------------|
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 3 | Watch & Ward | April/Mar | 12 | 5400 | 0 | 5400 |
| | Total | | 15 | 6750 | 0 | 6750 |
| 7th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward | April/Mar | 12 | 5400 | 0 | 5400 |
| | Total | | 15 | 6750 | 0 | 6750 |
| 8th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward | April/Mar | 12 | 5400 | 0 | 5400 |
| | Total | | 15 | 6750 | 0 | 6750 |
| 9th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward | April/Mar | 12 | 5400 | 0 | 5400 |
| | Total | | 15 | 6750 | 0 | 6750 |
| 10th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward | April/Mar | 12 | 5400 | 0 | 5400 |
| | Total | | 15 | 6750 | 0 | 6750 |
| 11th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward | April/Mar | 12 | 5400 | 0 | 5400 |
| | Total | | 15 | 6750 | 0 | 6750 |
| 12th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward | April/Mar | 12 | 5400 | 0 | 5400 |
| | Total | | 15 | 6750 | 0 | 6750 |
| 13th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward | April/Mar | 12 | 5400 | 0 | 5400 |
| | Total | | 15 | 6750 | 0 | 6750 |
| 14th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward | April/Mar | 12 | 5400 | 0 | 5400 |
| | Total | | 15 | 6750 | 0 | 6750 |
| 15th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward | April/Mar | 12 | 5400 | 0 | 5400 |
| | Total | | 15 | 6750 | 0 | 6750 |
| 16th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward | April/Mar | 12 | 5400 | 0 | 5400 |
| | Total | | 15 | 6750 | 0 | 6750 |

| 17th Year Maintenance | | | | | | |
|-----------------------|--|-----------|-----------|-------------|----------|-------------|
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward | April/Mar | 12 | 5400 | 0 | 5400 |
| | Total | | 15 | 6750 | 0 | 6750 |
| 18th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward | April/Mar | 12 | 5400 | 0 | 5400 |
| | Total | | 15 | 6750 | 0 | 6750 |
| 19th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward | April/Mar | 12 | 5400 | 0 | 5400 |
| | Total | | 15 | 6750 | 0 | 6750 |
| 20th Year Maintenance | | | | | | |
| 1 | Fire line tracing (2 m. wide fire line over 400m length) | Feb/Mar | 3 | 1350 | 0 | 1350 |
| 2 | Watch & Ward | April/Mar | 12 | 5400 | 0 | 5400 |
| | Total | | 15 | 6750 | 0 | 6750 |

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 Seedings @ Rs. 67.62 per seedlings | Total Cost (In Rs.) |
|--------|--------------|----------------|---------------------|-----------------------|---|--|---------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | 0th year | 41 | 18450 | 100 | 927.5 | 0 | 19477.5 |
| 2 | 1st year | 41.5 | 18675 | 7300 | 1298.75 | 67615.10 | 94888.85 |
| 3 | 2nd year | 24.5 | 11025 | 1737.5 | 638.125 | 6761.51 | 20162.135 |
| 4 | 3rd year | 23 | 10350 | 1400 | 587.50 | 0 | 12337.50 |
| 5 | 4th year | 15 | 6750 | 0 | 337.5 | 0 | 7087.5 |
| 6 | 5th year | 15 | 6750 | 0 | 337.5 | 0 | 7087.5 |
| 7 | 6th year | 15 | 6750 | 0 | 337.50 | 0 | 7087.50 |
| 8 | 7th year | 15 | 6750 | 0 | 337.5 | 0 | 7087.5 |
| 9 | 8th year | 15 | 6750 | 0 | 337.5 | 0 | 7087.5 |
| 10 | 9th year | 15 | 6750 | 0 | 337.5 | 0 | 7087.5 |
| 11 | 10th year | 15 | 6750 | 0 | 337.5 | 0 | 7087.5 |
| 12 | 11th year | 15 | 6750 | 0 | 337.5 | 0 | 7087.5 |
| 13 | 12th year | 15 | 6750 | 0 | 337.5 | 0 | 7087.5 |
| 14 | 13th year | 15 | 6750 | 0 | 337.5 | 0 | 7087.5 |
| 15 | 14th year | 15 | 6750 | 0 | 337.5 | 0 | 7087.5 |
| 16 | 15th year | 15 | 6750 | 0 | 337.5 | 0 | 7087.5 |
| 17 | 16th year | 15 | 6750 | 0 | 337.5 | 0 | 7087.5 |
| 18 | 17th year | 15 | 6750 | 0 | 337.5 | 0 | 7087.5 |
| 19 | 18th year | 15 | 6750 | 0 | 337.5 | 0 | 7087.5 |
| 20 | 19th year | 15 | 6750 | 0 | 337.5 | 0 | 7087.5 |
| 21 | 20th year | 15 | 6750 | 0 | 337.5 | 0 | 7087.5 |
| | Total | 385 | 173250 | 10537.5 | 9189.37 | 74376.61 | 267353.48 |

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

Annexure-11

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 & WHIS as per the slope & site requirement on 1:5 | 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 | | | |
| 6 | 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.


APCCF (Forest Division & N.O. PG & A.C.)

Matrix for (SMC)

Matrix for (SMC)

| Sl. NO. | Commencement 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 | G | 21226 | 3342 | 3510 | 3565 | 3870 | | | | | | | | | | | 35653 |
| 2 | 2022-23 | | 0 | 22287 | 3509 | 3686 | 3869 | 4064 | | | | | | | | | | 37415 |
| 3 | 2023-24 | | | 0 | 23403 | 3694 | 3870 | 4067 | 4267 | | | | | | | | | 39284 |
| 4 | 2024-25 | | | | 0 | 24571 | 3868 | 4064 | 4285 | 4480 | | | | | | | | 41248 |
| 5 | 2025-26 | | | | | 0 | 25860 | 4051 | 4267 | 4478 | 4704 | | | | | | | 43310 |
| 6 | 2026-27 | | | | | | 0 | 27090 | 4264 | 4480 | 4702 | 4930 | | | | | | 45475 |
| 7 | 2027-28 | | | | | | | 0 | 28453 | 4472 | 4704 | 4937 | 5186 | | | | | 47709 |
| 8 | 2028-29 | | | | | | | | 0 | 29867 | 4702 | 4939 | 5184 | 5445 | | | | 50136 |
| 9 | 2029-30 | | | | | | | | | 0 | 31360 | 4936 | 5186 | 5443 | 5717 | | | 52642 |
| 10 | 2030-31 | | | | | | | | | | 0 | 32918 | 5283 | 5445 | 5715 | 6003 | | 55274 |

In Rupees

APCCF (Forest Division & 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 (PPD) | | | | | | |
| 1 | Earth work (excavation of hole) in hard soil at a distance 3 mt. 0.40m x 0.40m x 0.40m = 0.064 x 84 = 5.376 cum @ Rs. 140/cum = Rs. 753. | | 2.42 | 752.62 | 0.0 | 752.6 |
| 2 | Cement concrete (1:4:10) using 40 mm BHC metal 84 x 0.40m x 0.40m x 0.10m = 1.344 @ 3755.94/cum | | 0 | 0 | 5,047.4 | 5,047.4 |
| 3 | Angle iron pole of size 50 mm x 50 mm & 6 mm of height 2.40 mt. 84 x 2.40 = 201.60 Sqmt. @ 4.50/kg/ Sqmt. = 907.20 kg @ 69.50 per kg | | | | 63,050.0 | 63,050.0 |
| 4 | Cement concrete (1:2:4) for lining the iron angle pole using 12mm BHC Chips 84 x 0.40m x 0.40m x 0.30m = 4.032 cum @ 5486.77/cum | | | | 22,123.0 | 22,123.0 |
| 5 | Cost of Chain link mesh using 4 mm Dia GI wire having top size 50 mm x 50 mm 250 Rmt x 2.10 mt. = 525 Sq.mt @ 331/Sqmt = Rs. 1,73,775 Double cost painting of iron angle pole over a coat of primer using good quality enamel paint 84 x 2.10 x 0.20 = 35.28 sqmt. @ Rs.10000/Sqmt | | | | 1,73,775.0 | 1,73,775.0 |
| 6 | Painting of chain link mesh 250 x 2.10 x 2 = 1050/10 = 105 Sqmt. @ Rs. 100.80/Sqmt. | | | | 3,838.0 | 3,838.0 |
| 7 | Transportation of Chain link mesh, iron angle, straightening & tying of chain link mesh etc. @ 2% of the total cost. | | | | 11,424.0 | 11,424.0 |
| | TOTAL | | 2.42 | 752.62 | 5,600.0 | 5,600.0 |
| Rate per running mt. 2,85,610/ 250 = Rs. 1142/Rmt | | | | | 2,84,857.4 | 2,85,610.0 |
| 1st Year Maintenance | | | | | | |
| 1 | No Maintenance is 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. 1142x 1% = 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 | 204057.4 | 205610.0 |
| 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 |


APCCF (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. | Component | I | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII | XIII | XIV | XV | XVI | XVII | XVIII | XIX | XX | XXI | Total Cost |
|---------|-----------|--------|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|
| 1 | 2022-22 | 785616 | 0 | 11100 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 419331 |
| 2 | 2022-23 | 29583 | 0 | 11100 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 419331 |
| 3 | 2023-24 | | | 31100 | 0 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 440289 |
| 4 | 2024-25 | | | 33000 | 0 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 452316 |
| 5 | 2025-26 | | | 24700 | 0 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 484432 |
| 6 | 2026-27 | | | | | 14400 | 0 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 509705 |
| 7 | 2027-28 | | | | | | | 14400 | 0 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 535191 |
| 8 | 2028-29 | | | | | | | | | 14400 | 0 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 561981 |
| 9 | 2029-30 | | | | | | | | | | | 14400 | 0 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 589049 |
| 10 | 2030-31 | | | | | | | | | | | | | 14400 | 0 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 11000 | 619552 |
| | | | | | | | | | | | | | | | | | | | | | | | 650631 |

APCCF (Forest Division & NO, FC Act)

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 SHP | | 60,000 | | |
| 3 | Diesel pump set & accessories like commander, Pipes, etc. | | 30,000 | | |
| 4 | Water Storage Tanks/ Flexible pipes | | 15,000 | | |
| | | | 2,55,000 | | |
| Cost of Water per Plant (2,55,000/ 5000) = Rs. 51/- 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 20 MD x 5 months = 100 MD x 311 = | | | 31,100 | |
| | | | Total | 52,100 | |
| 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 20 MD x 8 months = 160 MD x 311 = | | | 49,760 | |
| | | | Total | 78,410 | |
| 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 20 MD x 8 months = 160 MD x 311 = | | | 49,760 | |
| | | | Total | 78,410 | |
| 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 20 MD x 8 months = 160 MD x 311 = | | | 49,760 | |
| | | | Total | 78,410 | |
| 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 20 MD x 8 months = 160 MD x 311 = | | | 49,760 | |
| | | | Total | 78,410 | |
| Abstract | | | | | |
| Sl. No | Year | No. person days | Labour cost @ Rs. 311/- per day | Material Cost | Total cost (Rs.) |
| 1 | 0th year | 0 | 0.0 | 51000.0 | 51000.0 |
| 2 | 1st year | 100.0 | 31100.0 | 21000.0 | 52100.0 |
| 3 | 2nd year | 160 | 49760.0 | 28650.0 | 78410.0 |
| 4 | 3rd year | 160 | 49760.0 | 28650.0 | 78410.0 |
| 5 | 4th year | 160 | 49760.0 | 28650.0 | 78410.0 |
| 6 | 5th year | 160 | 49760.0 | 28650.0 | 78410.0 |
| | Total: | 740 | 230140 | 106600 | 4,16,740 |

APCCF (Forest Division & NO, FC Act)

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. | Commencement 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 | | | | | | | | | | | |
| 1 | 2021-22 | 51000 | 54705 | 86439 | 90771 | 95307 | 100072 | | | | | | | | | | | 478294 |
| 2 | 2022-23 | | 53550 | 57440 | 50761 | 95310 | 100072 | 105076 | | | | | | | | | | 502209 |
| 3 | 2023-24 | | | 56228 | 50312 | 95309 | 100076 | 105076 | 110330 | | | | | | | | | 527324 |
| 4 | 2024-25 | | | | 59039 | 63328 | 100084 | 105080 | 110330 | 115847 | | | | | | | | 553688 |
| 5 | 2025-26 | | | | | 61992 | 66492 | 105067 | 110332 | 115847 | 121639 | | | | | | | 581372 |
| 6 | 2026-27 | | | | | | 69691 | 69819 | 110330 | 115851 | 121639 | 127721 | | | | | | 610441 |
| 7 | 2027-28 | | | | | | | 68346 | 73320 | 119836 | 127721 | 135207 | | | | | | 640964 |
| 8 | 2028-29 | | | | | | | | 71763 | 76976 | 121628 | 127721 | 135207 | 140812 | | | | 673012 |
| 9 | 2029-30 | | | | | | | | | 75351 | 80925 | 127709 | 135212 | 140812 | 147853 | | | 706662 |
| 10 | 2030-31 | | | | | | | | | | 79119 | 84866 | 135094 | 140818 | 147853 | 155246 | | 741996 |

In Rupees


[Signature]
APCCF (Forest Division & NO. FC Act)

Financial Outlay for Penal Compensatory Afforestation Scheme over 3.82 ha of Non-forest land identified in village Laxmiposi@Jarasandha under Ghatagaon Tahasil of Ghatagaon Range in Keonjhar Forest Division in lieu of 0.764 ha of Forest land for laying of underground Water Pipeline and 11 KV Power Line from River Karo to Loidapada Steel Plant by M/s Shree Metaliks Ltd. as per matrix 2024-25 of approved one-time cost norm

| Sl. No. | Description | Amount (Rs.) |
|---------|--|--|
| 1. | Cost of ANR Plantation @ 500 plants per ha over 2.0 ha (excluding MDF area) @ Rs.2,91,399/- per ha with 20 year maintenance | 5,82,798.00 |
| 2. | Watering by Diesel Pump Set fitted with borewell for 1000 plants @ Rs.5,53,688/- per 1000 plants (As proposed by DFO, Keonjhar Forest Division) | 5,53,688.00 |
| 3. | Cost of Iron Angle with chain link wire mesh fencing over 3.82 ha @ Rs.4,85,432/- per 250 RMT/ha with 10 years maintenance (As proposed by DFO, Keonjhar Forest Division) | 17,86,389.00 |
| 4. | Cost of SMC structure like staggered trench, percolation pits, contour trench, Graded earthen bund, LBCD, wire mesh LBCD, Sub surface Dykes & WHS as per the slope & Site requirement @ Rs.41.248/- per ha over 3.82 ha with 5 years maintenance | 1,57,567.00 |
| | Grand Total | 30,80,442.00 Or rounded off to 30,80,500.00 |

(Rupees Thirty Lakhs Eighty thousand and five hundred) only

Approved


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

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

TOTAL COST OF PROJECT

| S. No | Item of Work | Unit price | In Rupees |
|-------|--|-----------------------------|---|
| 1 | Cost of ANR plantation @500 plants/ ha over 2.00 ha @Rs. 2,67,353.48 per ha with 20 years maintenance. | 2,67,353.48 x 2.00 ha | 5,34,706.96 |
| 2 | Cost of Soil Moisture Conservation (SMC) (As per base norm of Matrix for the year 2024-25) | 41,248/- x 3.82 ha | 1,57,567.36 |
| 3 | Cost of Angle Iron & Chain Link wire mesh Fencing with 10 years maintenance @4,85,432/- per 250 rmt/ha over 0.92 Km. (As per base norm of Matrix for the year 2024-25) | 4,85,432/ 250 RMT x 920 RMT | 17,86,389.76 |
| 4 | Cost of 2 nos. borewell for watering (as per report of Asst. Conservator of Forests, I/c Ghatgon Range) (As per base norm of Matrix for the year 2024-25) | 5,53,688/- x 2 Nos. | 11,07,376.00 |
| | Grand Total | | 35,86,040.08 Or say 35,86,100.00 |

(Rupees thirty-five lakh eighty-six thousand one hundred) only

PROVISION OF FUNDS AND FUND UTILIZATION

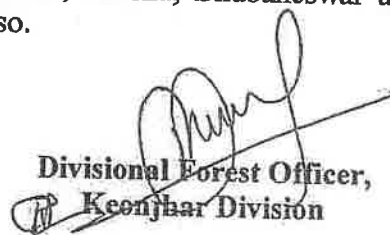
Rs. 35,86,100/- (Rupees thirty-five lakh eighty-six thousand one hundred) only shall be deposited by the Project Proponent i.e. M/s Sree Metaliks Limited on approval of the scheme to the Ad-hoc CAMPA Account and the funds will be utilized for raising of Penal Compensatory Afforestation by the Divisional Forest Officer, Keonjhar Division on allotment by the Principal Chief Conservator of Forests, Odisha, Bhubaneswar.

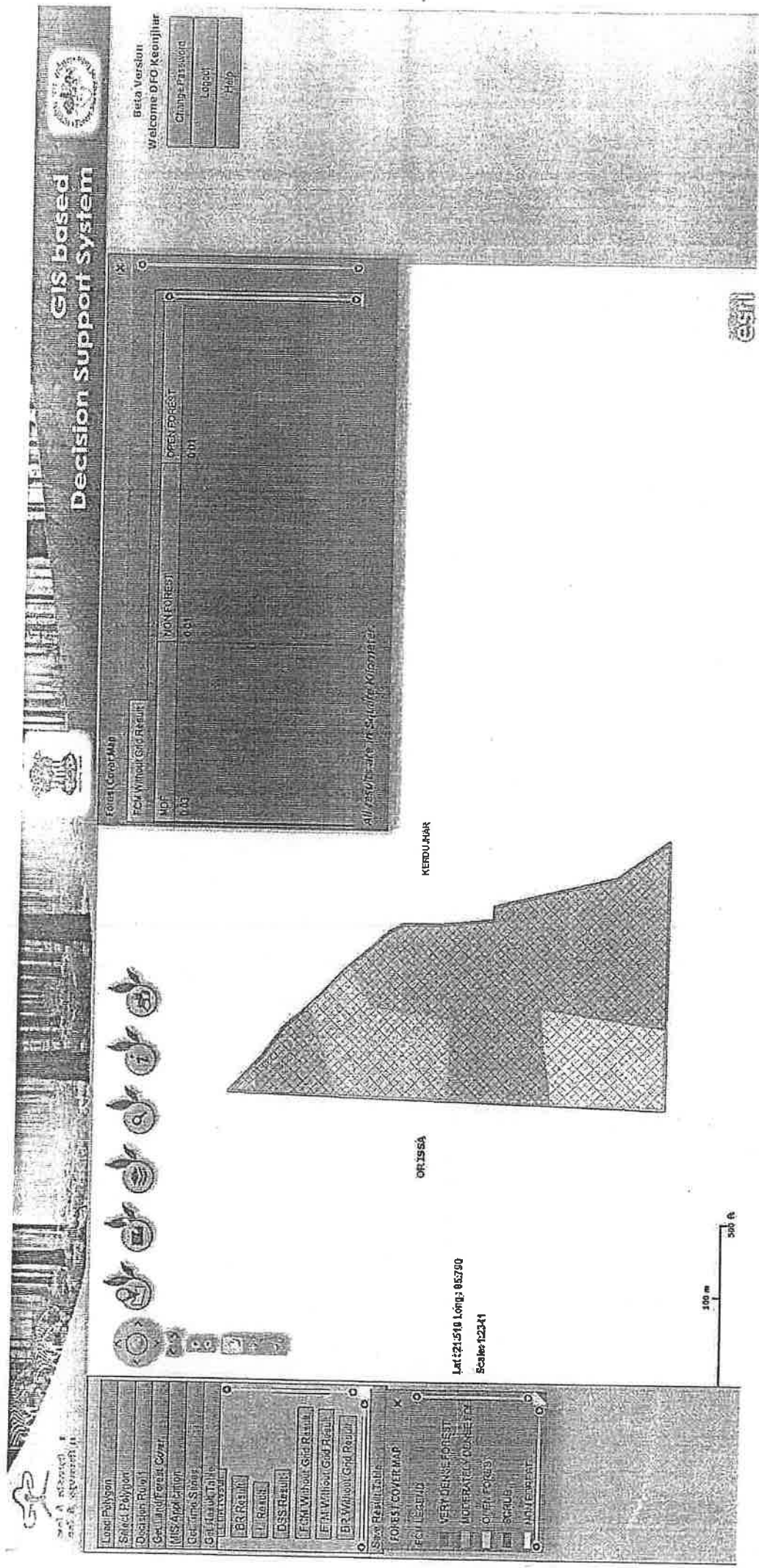

Divisional Forest Officer,
Keonjhar Division

CHAPTER- VII

DETAILS OF PROPOSED MONITORING MECHANISM

Penal Compensatory Afforestation will be taken up in the identified site by the Range Officer, Barbil/ BJP Range of Keonjhar Division. The Range Forest Officer, Barbil/ BJP 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&CC, Govt. of India for the purpose of online monitoring. Annual progress of plantation involving growth of planted seedlings, survival percentage etc. will be monitored and recorded in the plantation journal by the field staffs of Barbil/ BJP 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



GIS based Decision Support System

Beta Version
Welcome DFO Keonjhar

| |
|-------------------|
| Change Parameters |
| Logout |
| Help |

Forest Cover Map

| FCM Without Grid Result | YON FOREST | OPEN FOREST |
|-------------------------|------------|-------------|
| NDF | 0.03 | 0.01 |

All results are in Square Kilometers

Load Polygon

| Selected Polygon | Operation Polygon |
|--------------------------|-------------------|
| Get Land Different Cover | (MIS) Application |
| Get Area Slope | |
| Get Area Table | |

BR Results

| BR Results | FCM Without Grid Result | FCM Without Grid Result | BR Without Grid Result |
|------------|-------------------------|-------------------------|------------------------|
| BR Results | FCM Without Grid Result | FCM Without Grid Result | BR Without Grid Result |

Scale Result Table

| FOREST COVER MAP | FCM Results |
|-------------------------|-------------|
| VERY DENSE FOREST | |
| Moderately Dense Forest | |
| OPEN FOREST | |
| NON FOREST | |

CHECK LIST SERIAL NUMBER: - 14.5


“DSS ANALYSIS CERTIFICATE”

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 Sq. KM) | | | | | | | Area suitable for plantation (in Sq. KM) | | | 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 | Ghatgaon | Village- Laxmiposi@ Jarasandha under Ghatgaon Tahasil | 3.82 ha | 0 | 0.03 | 0.01 | 0.01 | 0 | 0 | 0.05 | 0.01 | 0.01 | 0 | 0.02 | ANR | 2.00 ha @500 |

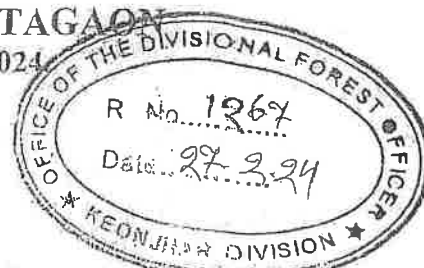
Countersigned


Regional Chief Conservator of Forests,
Rourkela Circle


Divisional Forest Officer,
Keonjhar Division.

OFFICE OF THE TAHASILDAR, GHATAGAON

No. 415 /Rev dated, Date: 29/02/2024



To

The Divisional Forest Officer, Keonjhar Division.

Sub:- Alimentation of non-forest Government land for compensatory afforestation, Submission of RoR thereof.

Ref:- Your Memo No. 13486/ Dt.30.11.2023

Sir,

In inviting a reference to the letter on the subject cited above, I am to say that the Collector, Keonjhar has been please to sanction the following schedule of land in alienation case No. 06/2023 vide District Office Order No. 424 dt. 13.02.2024 and communicated to you vide District Office memo under reference.

LAND SCHEDULE

| Name of the Village | Khata No. | Plot No. | Total Area (in Hc.) | Area (in Hc) | Kisam |
|------------------------|-----------|-----------|---------------------|--------------|----------|
| Laxmiposi @ Jarasandha | 46 (AAA) | 21/443(P) | 19.4658 | 3.8200 | Parbat-1 |
| Total | | | 19.4658 | 3.8200 | |

As per order of the Collector, Keonjhar the said land is meant for compensatory afforestation and will be exclusively used for the purpose for which it is alienated within 3 years and all precautionary steps may be taken to keep it free from encroachment failing which the said land will be reverted to Government Khata.


Further, I am informed you that as one RoR exist in respect of Mouza Laxmiposi @ Jarasandha in Bhulekh software data in the name of State Forest Department, the below noted plots were included and RoR prepared accordingly vide Khata No. 46/1.

| Name of the Village | Khata No. | Plot No. | Total Area (in Ac.) | Area (in Ac) | Kisam |
|------------------------|-----------|------------|---------------------|---------------------|----------|
| Laxmiposi @ Jarasandha | 46/1 | 21/443/491 | 48.1000 | 9.44 | Parbat-1 |
| Total | | | 19.4658 | 9.44Ac or 3.8202 Ha | |

The receipt of the RoR bearing No. 46/1 in respect of Mouza Laxmiposi @ Jarasandha may kindly be acknowledged.


Encl. As above:-

Yours faithfully,


TAHASILDAR, GHATGAON.


Memo No. 416 /Rev dated 23 /02/2024.

Copy forwarded to the Collector & District Magistrate, Keonjhar for favour of kind information and necessary action with reference to District Office Memo No.424/Rev, dt. 13.02.2024.


TAHASILDAR, GHATGAON.


Memo No. 417 /Rev dated 23 /02/2024.

Copy forwarded to the Sub-Collector, Keonjhar for favour of kind information and necessary action .


TAHASILDAR, GHATGAON.

Memo No. 418 /Rev dated 23 /02/2024.

Copy forwarded to M/s Authorised Signatory, M/s Shree metalick Ltd. Barbil , Keonjhar for information and necessary action with reference to District Office Memo No.424/Rev, dt.13.02.2024 .


TAHASILDAR, GHATGAON.

Memo No. 419 /Rev dated 23 /02/2024.

Copy forwarded to the Revenue Inspector, Dhenkikote for information and necessary action. He is directed to hand over possession of the aforementioned land to authorised Officials of the Divisional Forest Office, Keonjhar Division and report compliance.


TAHASILDAR, GHATGAON.

Schedule I Form No.39-A

ଖତିୟାନ

ମୋଜା : ଲକ୍ଷ୍ମୀପଣ୍ଡି ଓରଫ ଜଗାସର

ଥାନା : ଘଟଗାଁ

ଥାନା ନମ୍ବର : 26

ତହସିଲ : ଘଟଗାଁ

ତହସିଲ ନମ୍ବର : 06

ଜିଲ୍ଲା : କେନ୍ଦୁଝର

| | |
|--|--|
| ଜମିଦାରଙ୍କ ନାମ ଓ ଖେଡ଼ାଟ ବା ଖତିୟାନର କ୍ରମିକ ନମ୍ବର | ଓଡ଼ିଶା ସରକାର 1 |
| ୧) ଖତିୟାନର କ୍ରମିକ ନଂ | 46/1 |
| ୨) ପ୍ରକାର ନାମ, ପିତାଙ୍କ ନାମ, ଜାତି ଓ ବାସସ୍ଥାନ | ରାଜ୍ୟ ଜଙ୍ଗଲ ଓ ପରିବେଶ ବିଭାଗ, ଓଡ଼ିଶା ସରକାର |

| ୩) ଶ୍ରେ. | ବିଭାଗିୟ | | | | | |
|----------|---------|------|------|--|------|--------------------------------|
| ୪) ଦେୟ | ଜଳକର | ଖଜଣା | ସେସ | ନିଷ୍କାର ସେସ ଓ ଅନ୍ୟାନ୍ୟ ସେସ ଯଦି କିଛି ଥାଏ | ମୋଟ | ୫) କ୍ରମବର୍ଦ୍ଧନଶୀଳ ଖଜଣାର ବିବରଣୀ |
| | | 0.00 | 0.00 | 0.00 | 0.00 | |

୬) ବିଶେଷ ଅନୁସଙ୍ଗ
ଯଦି କିଛି ଥାଏ

Alienation Case No-6/2023 ଓ ଦାଖଲ ଖାରଜ କେଶ ନଂ 112/2024 ହୁକୁମ ମୁତାବକ ପ୍ଲଟ ନଂ 21/443
ରକବା ଏ 9.4400 ହି କୁ ପୁରାତନ ଖାତା ନଂ 46 ରୁ ଆସିଲା ।

23/11/24
TAHASILDAR
GHATAGAON

BLANK SPACE FOR STAMPING

ଅନ୍ତିମ ପ୍ରକାଶନ ତାରିଖ :

ଖଜଣା ଆୟତ୍ତ ତାରିଖ :

ରାଷ୍ଟ୍ରୀୟ ସୂଚକା ବିଜ୍ଞାନ କେନ୍ଦ୍ର, ଓଡ଼ିଶା



23/02/2024

| ଖତିୟାନର କ୍ରମିକ ନଂ : 46/1 | | ମୌଜା : ଲକ୍ଷ୍ମୀପାଣି ଓରଫ ଜରାସଣ୍ଡ | | | | ଜିଲ୍ଲା : କେନ୍ଦୁଝର |
|--------------------------|----------------------|---------------------------------|------|--------|--------|-------------------|
| ପୁର ନମ୍ବର ଓ ଚକର ନାମ | କିସମ ଓ ପ୍ରାନ୍ତର ଖଜଣା | କିସମର ବିସ୍ତାରିତ ବିବରଣୀ ଓ ଚୌହୁସି | ରକବା | | | ମତବ୍ୟ |
| | | | ଅକର | ଡି | ହେକ୍ଟର | |
| ୭ | ୮ | ୯ | ୧୦ | ୧୧ | ୧୨ | |
| 21/443/491 | ପର୍ବତ ଏକ | | 9440 | 3.8202 | | |
| 1 ପୁର | | | 9440 | 3.8202 | | |

25/1/24
TAHASILDAR
GHATAGAON

ରାଷ୍ଟ୍ରୀୟ ସୂଚନା ବିଜ୍ଞାନ କେନ୍ଦ୍ର ,ଓଡ଼ିଶା

**GOVERNMENT OF ODISHA
FOREST, ENVIRONMENT & CLIMATE CHANGE DEPARTMENT**

NOTIFICATION

Bhubaneswar, dated the 24.07.24

No.FE-DIV-FLD-0090-2022-{10F-(Cons)-48/2022}-13554/FE&CC, In exercise of the powers conferred under Section-33 of the Odisha Forest Act, 1972 (Odisha Act 14 of 1972), the State Government do hereby declare that the following land situated in Village-**Laxmiposi@Jarasandha** under Ghatagaon Tahasil of Keonjhar District mutated and transferred in favour of Forest, Environment & Climate Change Department for raising Compensatory Afforestation thereon against the proposed diversion of 0.764 ha of forest land for laying of underground water pipeline along with 11 KVA power line from river Karo to Loidapada Integrated Steel Plant of M/s Sree Metaliks Ltd. in Barbil Tahasil of Keonjhar District vide 'in-principle' approval of Government of India, MoEF&CC, Integrated Regional Office, Bhubaneswar communicated in letter No.5-ORB539/2022-BHU, dt.17.04.2023 under Section-2 of the Forest (Conservation) Act, 1980, the limits of which are specified below and the area of which is **3.820 Ha (9.440 Ac)** shall be Protected Forest with effect from the date of issue of the Notification and shall be known as "**Laxmiposi@Jarasandha Protected Forest**".

Forest Block:

| | | |
|------------------------------|---|----------------------|
| Name of the Protected Forest | : | Laxmiposi@Jarasandha |
| Area in Ha | : | 3.820 |
| Area in Acres | : | 9.440 |
| Name of the Village | : | Laxmiposi@Jarasandha |
| Name of the Police Station | : | Ghatagaon |
| Name of the Tahasil | : | Ghatagaon |
| Name of the Sub-Division | : | Keonjhar Sadar |
| Name of the District | : | Keonjhar |

Land Schedule:

| Village | Khata No. | Plot No. | Kisam | Area in Ha. | Boundary description | | | |
|----------------------|-----------|------------|----------|-----------------------------|--|--------------|--|-----------------|
| | | | | | North | South | East | West |
| Laxmiposi@Jarasandha | 46/1 | 21/443/491 | Parbat-I | 3.820 | Mouza Laxmiposi@Jarasandha sheet no.1 boundary | Plot No. 444 | Mouza Laxmiposi@Jarasandha sheet no.1 boundary | Plot No. 443(P) |
| Total | | | | 3.820 ha or 9.440 Ac | | | | |

By Order of the Governor

(Satyabrata Sahu)

Additional Chief Secretary to Government

By e-Mail: deputydirectorpp@rediffmail.com

Memo No. 13555/FE&CC, Date 24.07.24

Copy with soft copy forwarded to the Director of Printing, Stationery and Publication, Odisha Cuttack for publication in an extra-ordinary issue of the Odisha Gazette and supply 10 copies of printed notification each to Forest, Environment & Climate Change Department/ Director



of Land Records and Surveys, Odisha, Cuttack/ Collector, Keonjhar/ Divisional Forest Officer, Keonjhar Forest Division/ Tahasildar, Ghatagaon Tahasil, Dist.-Keonjhar.

2. The Notification is statutory and may be assigned SRO number.

dm/7/2024

OSD-cum-Special Secretary to Government

Memo No. 13556/FE&CC, Date 24.07.24

Copy forwarded to the Assistant Inspector General of Forests, Govt. of India, Ministry of Environment, Forest and Climate Change, (F.C. Division), Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi-110003/ Deputy Director General of Forests (Central), Govt. of India, MoEF&CC, Regional Office, A/3, Chandrasekharapur, Bhubaneswar-23 for information and necessary action.

dm/7/2024

OSD-cum-Special Secretary to Government

Memo No. 13557/FE&CC, Date 24.07.24

Copy forwarded to the Water Resources Department/ Revenue & Disaster Management Department/ Industries Department/ Energy Department/ Director of Land Records and Surveys, Odisha, Cuttack/ RDC (ND), Sambalpur/ Collector, Keonjhar/ Tahasildar, Ghatagaon Tahasil, Dist.-Keonjhar for information and necessary action.

dm/7/2024

OSD-cum-Special Secretary to Government

Memo No. 13558/FE&CC, Date 24.07.24

Copy forwarded to the Principal Chief Conservator of Forests & HoFF, Odisha/ Principal Chief Conservator of Forests (WL) & CWLW, Odisha/ Principal Chief Conservator of Forests (FD&NO, FC Act), O/o the PCCF & HoFF, Odisha w.r.t. his letter No.10523, dt.20.05.2024/ Regional Chief Conservator of Forests, Rourkela Circle/ Divisional Forest Officer, Keonjhar Forest Division for information and necessary action.

dm/7/2024

OSD-cum-Special Secretary to Government

Memo No. 13559/FE&CC, Date 24.07.24

Copy forwarded to the Head State Portal, IT Centre, Odisha Secretariat, Bhubaneswar/ OE (IT) Section, FE&CC Department w.r.t. this Department letter No.21646/F&E dtd.22.11.2016/ 5 spare copies for G.F. for information and necessary action.

dm/7/2024

OSD-cum-Special Secretary to Government

Memo No. 13560/FE&CC, Date 24.07.24

Copy forwarded to the Managing Director, M/s Sree Metaliks Ltd., At/PO-Barbil, Dist.-Keonjhar, Odisha-758035 for information and necessary action.

dm/7/2024

OSD-cum-Special Secretary to Government



**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, Email: odishawildlife@gmail.com

No. 10226 / CWLW-FDWC-FD-0069-2022

Dated, Bhubaneswar the 28 August, 2024

To

The Managing Director
M/s. Sree Metaliks Limited
At/PO- Barbil, Dist.- Keonjhar,
Odisha, PIN- 758035

Sub: Diversion of 0.764 ha of forest land for laying of underground water pipeline along with 11 KVA power line from river Karo to Loidapada Integrated Steel Plant of M/s Sree Metaliks Ltd in Barbil Tahasil of Keonjhar District. - Approval of SSWLCP.

Sir,

I am directed to convey the approval of PCCF (WL) & CWLW, Odisha for the Site Specific Wildlife Conservation Plan at a financial outlay of ₹102.17 Lakh (Rupees One Crore Two Lakh Seventeen Thousand) only as per the details of activities mentioned in Chapter-VI of the Plan in compliance to the Condition No.2(A)(vi) of the Stage-I approval accorded by Govt. of India, MoEF&CC, RO, Bhubaneswar vide their Letter in F. No. 5-ORB539/2022-BHU dated 17.04.2023. A sum of ₹102.17 Lakh (Rupees One Crore Two Lakh Seventeen Thousand) only may be deposited in State CAMPA fund through portal (<https://parivesh.nic.in>) for the purpose of implementation of various activities within the project impact area in Keonjhar Forest Division.

2. Activities in the project area as per Chapter-IV of the Plan will be executed by the project proponent under the guidance of the concerned DFO. Further, the User Agency shall deposit 5% of the plan cost over and above in the A/c. of "The Wildlife Odisha" maintained in this office towards unforeseen interventions.

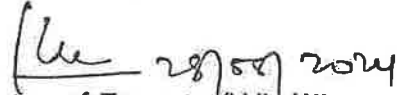
3. The Plan period is five years and will be revisited by the concerned DFO at least one year before expiry of its implementation. The User Agency will bear the cost of such Plan on its approval. Further, the User Agency will bear additional cost, if any, towards enhancement of wage rate and escalation of price of materials at the time of implementation of this Plan.

P.T.O.

In case of any deviation, it will be dealt as per law for violations of Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980, Environment (Protection) Act 1986 and Wildlife (Protection) Act 1972.

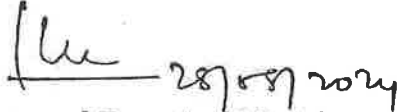
Yours faithfully,

Encl.: Copy of the approved SSWLCP.


Chief Conservator of Forests (WL-III)

Memo. No. 10227 /dt. 28.08.2024
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 that Deptt. Memo No.8420/FE&CC dated 24.04.2023.
2. PCCF (FD & NO, FC Act), O/o PCCF & HoFF, Odisha, Bhubaneswar with reference to Memo No.8421/FE&CC dated 24.04.2024 of FE&CC Deptt, Odisha.
3. Regional Chief Conservator of Forests, Rourkela Circle along with copy of the approved SSWLCP with reference to his office Memo No.3768 dated 17.08.2024 addressed to this office.
4. Divisional Forest Officer, Keonjar Forest Division alongwith copy of the approved SSWLCP with reference to Memo.No.3769 dated 17.08.2024 of the RCCF, Rourkela Circle.
5. The Field Director, Similipal Tiger Reserve-cum-RCCF, Baripada. He is requested to provide Bank details to the User Agency for deposition of ₹25.00 Lakh as contribution to "Similipal Tiger Foundation".
6. Deputy Conservator of Forests (Administration), O/o. the PCCF(WL) & CWLW, Odisha. He is requested to raise demand to the User Agency for deposition of ₹5.11 Lakh as contribution to the account of "The Wildlife Odisha".


Chief Conservator of Forests (WL-III)



OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION

Phone No- 06766-254315, email ID- dfo.keonjhar@odisha.gov.inLetter No. 6871
Dated, Keonjhar, the/6F- Mining-258/2018
29th August, 2024

To

The Managing Director,
M/s Sree Metaliks Limited,
At/Po-Barbil, Dist-Keonjhar,
Odisha, Pin-758035.

Sub: Diversion of 0.764 ha of forest land for laying of underground water pipeline along with 11KVA power line from river Karo to Loidapada Integrated Steel Plant of M/s Sree Metaliks Ltd. in Barbil Tahasil of Keonjhar District.-Approval of SSWLCP.

X-Sub: Demand of funds towards the approved Site Specific Wildlife Conservation Plan.

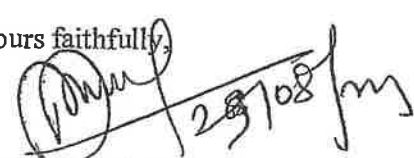
Ref: Memo No. 10226, dated 28.08.2024 of Chief Conservator of Forests (WL-III), O/o the Principal Chief Conservator of Forests, (WL), CWLW, Odisha, Bhubaneswar.

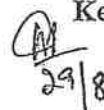
Sir

With reference to the aforementioned memo on the captioned subject, this is to intimate that the Chief Conservator of Forests (WL-III), O/o the Principal Chief Conservator of Forests, (WL), CWLW, Odisha, Bhubaneswar has approved the Site Specific Conservation Plan in respect of laying of underground water pipeline along with 11KVA power line from river Karo to Loidapada Integrated Steel Plant of M/s Sree Metaliks Ltd. in Barbil Tahasil of Keonjhar District, Odisha with a financial outlay of Rs.102.17 lakh. Hence, you are requested to deposit the said approved amount of Rs.102.17 lakh (Rupees one crore two lakh seventeen thousand) only towards scheme for Site Specific Wildlife Conservation Plan through e-portal of MoEF&CC as provided in the <https://parivesh.nic.in/> and the proof/evidence of the deposit of fund be submitted to this office for further necessary action at this end. Further, it is intimated that the PCCF (WL) has imposed the following conditions at the time of aforesaid approval which has to be abided by the User Agency.

- Activities in the project area as per Chapter- IV of the Plan will be executed by the project proponent under the guidance of DFO, Keonjhar Division. Further, the User Agency shall deposit 5% of the plan cost over and above in the Account of the society "The Wildlife Odisha" maintained in the office of the Principal Chief Conservator of Forests, (WL), CWLW, Odisha, Bhubaneswar towards unforeseen interventions.
- The plan period is five years and will be revisited by concerned DFO 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 Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980, Environment (Protection) Act, 1986, and Wildlife Protection Act, 1972.

Yours faithfully,

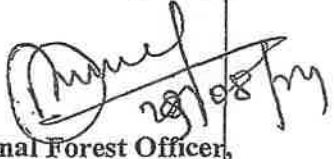

Divisional Forest Officer,
Keonjhar Division.


29/8

PTO


Memo No. 6872 / Dated. 29.08.2024

Copy forwarded to the Regional Chief Conservator of Forests, Rourkela Circle for favour of kind information and necessary action.




Divisional Forest Officer,
Keonjhar Division.



Memo No. 6873 / Dated. 29.08.2024

Copy forwarded to the Principal Chief Conservator of Forests, Forest Division and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests & HoFF, Odisha, Bhubaneswar/ Principal Chief Conservator of Forests, (WL), CWLW, Odisha, Bhubaneswar for favour of kind information and necessary action.


Divisional Forest Officer,
Keonjhar Division.

AGENCY COPY



Union Bank
 of India

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 31-08-2024

| | |
|------------------|--|
| Agency Name. | SREE METALIKS LTD |
| Application No. | 19930598539 |
| MoEF/SG File No. | 5-ORB539/2022-BHU |
| Location. | ORRISA |
| Address. | At-Loiapada, Po- Guali, Dist- KeonjharKendujhar |
| Amount(In Rs) | 10217000/- |



Amount in Words :One Crore Two Lakh Seventeen Thousand Rupees Only



NEFT/RTGS to be made as per following details;

| | |
|----------------------|---|
| Beneficiary Name: | ORRISA CAMPA |
| IFSC Code: | UBIN0996335 |
| Pay to Account No. | 1508219930598539 Valid only for this challan amount. |
| Bank Name & Address: | Union Bank Of India FCS Centre,21/1, III Floor, Jelitta Towers, Mission Road, Bengaluru-560027 |

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

BANK COPY



Union Bank
 of India

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 31-08-2024

| | |
|------------------|---|
| Agency Name. | SREE METALIKS LTD |
| Application No. | 19930598539 |
| MoEF/SG File No. | 5-ORB539/2022-BHU |
| Location. | ORRISA |
| Address: | At-Loiapada, Po- Guali, Dist- Keonjhar Kendujhar |
| Amount(In Rs) | 10217000/- |

Amount in Words :One Crore Two Lakh Seventeen Thousand Rupees Only

NEFT/RTGS to be made as per following details;

| | |
|----------------------|--|
| Beneficiary Name: | ORRISA CAMPA |
| IFSC Code: | UBIN0996335 |
| Pay to Account No. | 1508219930598539 Valid only for this challan amount. |
| Bank Name & Address: | Union Bank Of India FCS Centre, 21/1, III Floor, Jelitta Towers, Mission 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



ICICI Bank Advice Receipt

Date: 02 Sep 2024, 06:45:34

Transaction Details

| | |
|---------------------------|--|
| Account Number : | 064005000097 |
| Transaction Date : | 02-09-2024 |
| Transaction Amount : | 1,02,17,000.00 |
| Debit/Credit : | Debit |
| Transaction Description : | RTGS/ICICR22024090204990395/UBIN0996335/O RISSA CAMPA |

Note: This is an electronically generated receipt and does not need any signature.

Printed on 02-09-2024 06:45:34 AM IST



OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION

Phone No- 06766-254315, email ID- dfo.keonjhar@odisha.gov.inLetter No. 6874

/6F- Mining-258/2018

Dated, Keonjhar, the

29th August, 2024

To

The Managing Director,
M/s Sree Metaliks Limited,
At/Po-Barbil, Dist-Keonjhar,
Odisha, Pin-758035.

Sub: Diversion of 0.764 ha of forest land for laying of underground water pipeline along with 11KVA power line from river Karo to Loidapada Integrated Steel Plant of M/s Sree Metaliks Ltd. in Barbil Tahasil of Keonjhar District.-Approval of SSWLCP.

X-Sub: Demand of amount to be deposited in the Wildlife Odisha.

Ref: Memo No. 10226 dated 28.08.2024 of Chief Conservator of Forests (WL-III), O/o the Principal Chief Conservator of Forests, (WL), CWLW, Odisha, Bhubaneswar.

Sir

The Site Specific Wildlife Conservation Plan of the aforesaid project has been approved with the financial outlay of Rs.102.17 lakh (Rupees one crore two lakh seventeen thousand) only vide the letter No.10226 dated 28.08.2024 of the Chief Conservator of Forests (WL-III), O/o the Principal Chief Conservator of Forests, (WL), CWLW, Odisha, Bhubaneswar.

In the aforesaid letter it is mentioned in para-2 that the user agency shall deposit 5% of the plan cost in the account of the Wildlife Odisha maintained in the office of the Principal Chief Conservator of Forests, (WL), CWLW, Odisha, Bhubaneswar. Hence, it is requested to deposit the aforesaid 5% plan cost i.e. Rs. 5.1085 lakh (Rupees five lakh ten thousand eight hundred fifty) only in the following account and submit the copy of its proof for further action at this end. The details of the saving bank account is mentioned below:-


| | |
|------------------|---------------------|
| Customer Name | The Wildlife Odisha |
| Bank Name | HDFC Bank |
| Bank Account No. | 50100516644769 |
| IFSC Code | HDFC0001252 |

Yours faithfully,


Divisional Forest Officer,
Keonjhar Division.

Memo No. 6875 / Dated. 29.08.2024

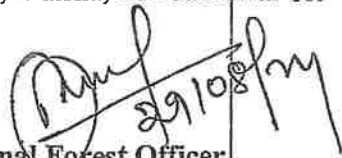
Copy forwarded to the Regional Chief Conservator of Forests, Rourkela Circle for favour of kind information and necessary action.



Divisional Forest Officer,
Keonjhar Division.

PTO

Memo No. 6876 / Dated. 29.08.2024

Copy forwarded to the Principal Chief Conservator of Forests, Forest Division and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests & HoFF, Odisha, Bhubaneswar/ Principal Chief Conservator of Forests, (WL), CWLW, Odisha, Bhubaneswar for favour of kind information and necessary action.


Divisional Forest Officer,
Keonjhar Division.


29/8



ICICI Bank Advice Receipt

Date: 02 Sep 2024, 18:18:14

Transaction Details

| | |
|-------------------------|---|
| Account Number | : 064005000097 |
| Transaction Date | : 02-09-2024 |
| Transaction Amount | : 5,10,850.00 |
| Debit/Credit | : Debit |
| Transaction Description | : RTGS/ICIR22024090205008110/HDFC0001252/ |

Note: This is an electronically generated receipt and does not need any signature.

Printed on 02-09-2024 06:18:14 PM IST

FORM NO I
(For Linear Projects)
Government of Odisha
OFFICE OF THE DISTRICT COLLECTOR, KEONJHAR

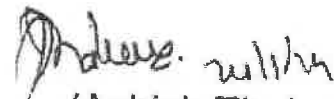
No. 213 /Rev. Dt. 29.01.2024
XIX-15/2024

TO WHOMSOEVER IT MAY CONCERN


In compliance of the Ministry of Environment and Forests (MoEF), Government of India's Letter No.11-9/98-FC-(PI) dt.3rd August'2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights Act)'2006 (FRA' for short) on the forest land proposed to be diverted for non-forest purpose read with MoEF's letter dated 5th February'2013 wherein MoEF issued certain relaxation in respect of linear projects, it is certified that, area measuring 0.764 Ha. of forest land proposed to be diverted in favour of M/s. Shree Metalik Ltd. for laying underground water pipeline alongwith 11 KVA power line for drawing water from Karo river to Integrated Steel Plant falls within jurisdiction of village Laidapada, Rugudidihi, Topadihi & Sidhamatha Reserve Forest under Barbil Tahasil.

It is certified that,

- (a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire 0.764 Ha. of forest land proposed for diversion. Copy of all requisite documents including the proceeding of SDLC, Champua meeting and a copy of the proceeding of DLC meeting are enclosed as annexure- 1 to annexure-9.
- (b) No such facilities managed by Government requiring diversion of forest land u/s 3(2) of Forest Rights Act'2006 exist over the forest land proposed for diversion.
- (c) The proposal does not involve recognized rights of Primitive Tribal Group and Pre-Agricultural Communities.


(Ashish Thakare)
Collector, Keonjhar

Memo No. 213 /Rev. Dt. 29.01.2024
Copy of the certificate alongwith related documents(Annexure-1 to 9) is forwarded to the D.F.O. Keonjhar Division, Keonjhar for information and necessary action.


Addl. District Magistrate
Keonjhar



FORM NO. I
(For Linear Projects)
Government of Odisha
OFFICE OF THE TAHASILDAR, BARBIL
No. 1858 / Dt. 03.07.2022

TO WHOM SO EVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forest (MoEF), Government of India's letter No. 11-9/98-FC (Pt) dt. 3rd August' 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights Act) 2006 ('FRA' in short) on the Forest land proposed to be diverted for non-forest purposes, read with MoEF's letter dated 5th February' 2013, 5th July 2013 & 15th January 2014 where in MoEF issued certain relaxation in respect of linear projects, it is certified that area measuring **0.764 Hectares** Forest land of villages Laidapada, Rugudidihi, Topadihi and Sidhamatha R.F proposed to be diverted for laying underground water pipeline along with 11KVA power line for drawing water from Karo River to Integrated Steel Plant present at Laidapada village of M/S Shree Metalik Ltd. In villages Laidapada, Rugudidihi, Topadihi & Sidhamatha RF under Barbil Tahasil of Keonjhar District.

It is further certified that:

- (a) The complete process for identification and settlement of rights under the FRA has been carried out for entire **0.764 Hect.** of forest land proposed for diversion. No title has been issued on the forest land proposed for the diversion.
- (b) No Such facilities managed by Government requiring diversion of forest land u/s 3(2) of the Forest Rights Act, 2006 exist over forest land proposed for diversion.
- (c) The proposal does not involve recognized rights of Primitive Tribal Groups (PTG) and Pre-Agricultural Communities (PAC).

Accepted
31/7/2022
TAHASILDAR, BARBIL
TAHASILDAR
BARBIL



**OFFICE OF THE PANCHAYAT SAMITI, JODA, KEONJHAR,
ODISHA-758038**

Letter No:- 1885 Email - ori-joda@nic.in
To Date:- 22.06.2023

**The Tahasildar,
Barbil.**

Sub: Issue of Certificate under F.R.A, 2006 in respect of forest land measuring 0.764 Ha of village(s) Loidapada, Rugudidihi, Topadihi and Sidhamath RF under BarbilTahasil proposed to be diverted in favour of M/s SreeMetaliks Limited for laying of water pipeline along with 11 KVA power line from River Karo at Topadihi village to existing integrated Steel plant of M/s SreeMetaliks Limited at village Loidapada under BarbilTahasil in Keonjhar District.

Ref: Your Letter No.1346/Dated-06.05.2023

Sir

With reference to the subject cited above, I am to submit herewith the point wise report towards issue of certificate under FRA,2006 in respect of Forest land measuring 0.764 Ha of village(s) Loidapada, Rugudihi, Topadihi and Sidhamath RF under BarbilTahasil proposed to be diverted in favour of M/s SreeMetaliks Limited for laying of water pipeline along with 11 KVA power line from River Karo at Topadihi village to existing integrated Steel plant of M/s SreeMetaliks Limited at village Loidapada under BarbilTahasil in Keonjhar District.

I am to further submit that:

1. On verification of Forest Right Claim database, it is found that there is no IFR/CFR (Individual/Community) settled in villages Loidapada, Rugudih and Topadihi and Sidhamath RF.
2. There is no Primitive Tribal Groups (PTG) and Pre-Agricultural Communities (PAC) staying in the village where forest land is proposed for diversion.
3. No title has been issued on the forest land proposed for the diversion.

This is for favour of your kind information and necessary action.

Wm
22/6/23
Block Development Officer,
Block Development Officer
Joda, Joda

Memo No-.....1886

Date... 22.06.2023

Copy submitted to the Sub-Collector, Champua-cum-Chairman, SDLC for favour of kind information and necessary action.

Rm 22/6/23
Block Development Officer,
Block Development Officer
Joda
Joda.

Memo No-.....1887

Date:.....22.06.2023

Copy submitted to the PA, ITDA, Keonjhar-cum-Dist.Nodal Officer, FRA for favour of kind information and necessary action.

Rm 22/6/23
Block Development Officer,
Joda. Block Development Officer
Joda

FORM NO. 1
(For Linear Projects)
Government of Odisha


OFFICE OF THE BLOCK DEVELOPMENT OFFICER, JODA

TO WHOM IT MAY CONCERN

In compliance of the Ministry of the Environment and Forest (MoEF), Government of India's Letter No. 11-9/98-FC (Pt) dtd 3rd August 2009 where in the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of Rights under Schedule Tribes and Other Traditional Forest Dwellers' (recognition of Forest Rights) Act 2006 ('FRA' in short) on the Forest land proposed to be diverted for non-forest purpose read with MoEF's circular dated 05.02.2013, 05.07.2013 and 15.01.2014 whereas MoEF issued certain relaxation in respect of linear projects, it is certified that 0.764 Ha of forest land proposed to be diverted in favour of M/s SreeMetaliks Limited falls within the jurisdiction of Loidapada village, Rugudidihi village, Topadihi village and Sidhamath RF under BarbilTahasil for laying of water pipeline along with 11 KVA power line from River Karo at Topadihi village under BarbilTahasil to existing integrated Steel plant of M/s SreeMetaliks Limited at village Loidapada under BarbilTahasil in Keonjhar District.

It is further certify that....

- (a) On verification of Forest Right Claim database, it is found that there is no IFR/CFR (Individual/Community) settled in villages Loidapada, Rugudihi and Topadihi and Sidhamath RF.
- (b) The proposal does not involve recognized rights of Primitive Tribal Group (PTG) and Pre-Agricultural Communities (PAC).
- (c) No such facilities managed by Government requiring diversion of forest land u/s 3(2) of the Forest Right Acts, 2006 exist over forest land proposed for diversion.


Welfare Extension Officer
Joda

Rm
22/6/23.
Block Development Officer
Block Development Officer
Joda Joda

To

The Block Development Officer, Joda.

Sub:


Enquiry report regarding whether any IFR claims exist under FRA Act, 2006 over proposed forest land measuring 0.764 Ha of village(s) Loidapada, Rugudidihi, Topadihi and Sidhamath RF under Barbil Tahasil proposed to be diverted in favour of M/s Sree Metaliks Limited for laying of water pipeline along with 11 KVA power line from River Karo at Topadihi village to existing integrated Steel plant of M/s Sree Metaliks Limited at village Loidapada under Barbil Tahasil in Keonjhar District.

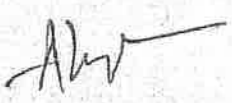
Sir,

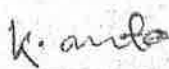
As per your order I, FRA Amin Barbil, RI Bhadrasahi and Forester Guali have vividly verified the database of forest acquisition and found that there is **no such IFR Claims** (Individual/community) and no such Patta has not given to PTG (Primitive Tribal Group) and PAC (Pre-Agricultural Communities) proposed forest land measuring 0.764 Ha of village(s) Loidapada, Rugudidihi, Topadihi and Sidhamath RF under Barbil Tahasil proposed to be diverted in favour of M/s Sree Metaliks Limited for laying of water pipeline along with 11 KVA power line.

"Certified that there is no IFR claims (Individual/community), PTG and PAC exist over proposed land of M/s Sree Metaliks Limited in above mentioned villages and Sidhamath RF".

This is for favour of your kind information and necessary action.


REVENUE INSPECTOR
BHADRASAH
Bhadrasahi


Forester
Guali
Forest Section Officer
Guali


FRA Amin
Barbil


W.E.O.
Joda Block

OFFICE OF THE REVENUE INSPECTOR, BHADRASAH

Letter No- 39 /Date-13/06/2023

To,

The Tahasildar, Barbil

Sub - Issue of Certificate under F.R.A., 2006 in respect of forest land measuring 0.764 Ha of villages Loidapada, Rugudidihi, Topadihi and Sidhamath RF under Barbil Tahasil proposed to be diverted in favour of M/S Sree Metaliks Ltd. for laying of water pipeline along with 11 KVA powerline from river Karo at Topadihi village to existing integrated Steel Plant of M/S Sree Metaliks Ltd. at village Loidapada under Barbil Tahasil in Keonjhar District.

Ref - Yours office memo no- 1363 /dated-08/05/2023

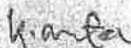
Sir,

With reference to the letter on the subject cited above, I along with W.E.O., Joda Block, FRA Amin, Barbil and forest official have jointly verified the database of forest acquisition and found that, there is no such IFR claims (Individual/Community) and no such Patta has been given to PTG (Primitive Tribal Group) and PAC (Pre-Agricultural Communities) in the proposed Diversion of forest land measuring 0.764 Ha (0.523 Ha Sidhamath Reserve Forest, 0.062 Ha Sabik Jungle in Laidapada & Rugudidihi village & 0.179 Ha Gramya Jungle in Rugudidihi & Topadihi village) under Barbil Tahasil proposed to be diverted in favour of M/S Sree Metaliks Limited for laying of water pipeline along with 11 KVA power line.

"Certified that there is no IFR claims (Individually/Community), PTG and PAC exist over proposed land of M/S Sree Metaliks Limited in above mentioned villages and Sidhamath RF".

This is for favour of your kind information and necessary action.


Yours Faithfully


FRA Amin


Barbil


W.E.O.

Joda Block


Forester

Guali
Forest Section Officer
Guali


REVENUE INSPECTOR
BHADRASAH
Bhadrasahi

ABSTRACT OF FOREST LAND SCHEDULE AS ON 25.10.1980 OF THE WATER PIPELINE PROJECTS WHICH INCLUDES WATER INTAKE SYSTEM, UNDER GROUND WATER PIPELINE AND 11 KVA POWER LINE FROM KARO RIVER AT TOPADIHI VILLAGE TO EXISTING INTEGRATED STEEL PLANT OF M/S SREE METALIKS LIMITED AT VILLAGE LOIDAPADA UNDER BARBIL, TAHASIL IN KEONJHAR DISTRICT

| Sl. No. | Village Name | Gramya Jungle (in Ha) | Sabik Kissam Forest (Non forest area recorded as forest as on 25.10.1980) (in Ha) | Reserved Forest (in Ha) | Total forest (in Ha) |
|---------|---------------|-----------------------|---|-------------------------|----------------------|
| 1 | Loidapada | - | 0.035 | - | 0.035 |
| 2 | Rugudidihi | 0.120 | 0.027 | - | 0.147 |
| 3 | Topadihi | 0.059 | - | - | 0.059 |
| | Sidhamatha RF | - | - | 0.523 | 0.523 |
| | Total | 0.179 | 0.062 | 0.523 | 0.764 |

Certified that status of forest land involved in the project as given in the table as per Govt. record as on 25.10.1980.


AMIN
BARBIL TAHASIL


RECORD KEEPER
TAHASIL OFFICE, BARBIL


TAHASILDAR
BARBIL

UNDERTAKING

(MoEF&CC, GoI File No. 5-ORB539/2022-BHU)

I, Sri Rewati Raman Sharma, Director of M/s Sree Metaliks Limited and authorized signatory do hereby undertake that;

- i. **(Condition no- B: I)** The legal status of forest land proposed for diversion shall remain unchanged.
- ii. **(Condition no- B: IV)** The species to be planted in the CA and Penal CA scheme shall be of native species of the area avoiding Teak and exotic species. 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 survival and growth of plantation can be evaluated at regular intervals.
- iii. **(Condition no- B: IV (i))** We will pay the additional amount of NPV, if so determined, as per final decision of the Hon'ble Supreme Court of India
- iv. **(Condition no- B: IV (iii))** We will take adequate safety measures for accidental leakage of water and 11 KV power pipelines.
- v. **(Condition no- B: IV (iv))** No tree/poles shall be felled from the proposed forest land for diversion.
- vi. **(Condition no- B: V)** No labour camp shall be established on the forest land and we 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.
- vii. **(Condition no- B: VI)** No additional or new path will be constructed inside the forest area for any activity related to the project work.

COUNTERSIGNED

Divisional Forest Officer
Keonjhar Division

CIN : U26939WB1995PLC075633

SML HOUSE, MAIN ROAD, BARBIL - 758035, KEONJHAR, ORISSA, INDIA

For SREE METALIKS LTD.

Rewati Raman Sharma

Director

- viii. **(Condition no- B: VII)** While executing works, we will not fell any tree or damage forest growth in the surrounding forest area in any manner.
- ix. **(Condition no- B: VIII)** The layout plan of the proposed forest land shall not be changed without the prior approval of Ministry of Environment, Forest & Climate Change.
- x. **(Condition no- B: IX)** Forest land shall not be used for any purpose other than that specified in the proposal.
- xi. **(Condition no- B: X)** 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.
- xii. **(Condition no- B: XI)** No damage to the flora and fauna of the adjoining area shall be caused.
- xiii. **(Condition no- B: XII)** The Divisional Forest Officer, Keonjhar will monitor and take necessary mitigative measures to ensure that there is no adverse impact on the forests in the surrounding area.
- xiv. **(Condition no- B: XIII)** We will 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.
- xv. **(Condition no- B: XIV)** 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.
- xvi. **(Condition no- B: XV)** We 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.

COUNTERSIGNED


Divisional Forest Officer
Keonjhar Division

CJN : U26939WB1995PLC075633

SML HOUSE, MAIN ROAD, BARBIL - 758035, KEONJHAR, ORISSA, INDIA

For SREE METALIKS LTD.


Director

- xvii. **(Condition no- B: XVI)** 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 1 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.

COUNTERSIGNED


Divisional Forest Officer
Keonjhar Division

For SREE METALIKS LTD.



Director

PROFORMA FOR VERIFICATION OF DEPOSITS IN COMPENSATORY AFFORESTATION FUND

| | | | | | | | |
|---------|---|------------------------------------|---|------------------------|-----------------|--|--|
| 1 | Name of Regional Office | | Integrated Regional Office. MoEF&CC. GoI, Bhubaneswar, Odisha | | | | |
| 2 | State/ district/Forest Division to which the proposal relates | | Odisha, Keonjhar Forest Division. | | | | |
| 3 | Name of User Agency, nature of proposal | | Diversion of 0.764 ha forest land for laying of underground water pipeline along with 11 KVA power line from river Karo to Loidapada Integrated Steel Plant of M/s Sree Metaliks Ltd. | | | | |
| 4 | Nature & category of proposal | | Transmission Line | | | | |
| 5 | Proposal number | | FP/OR/Others/30598/2017 | | | | |
| 6 | Extent of Forest area involved | | 0.764 ha Forest land | | | | |
| 7 | Whether original or extension | | Original | | | | |
| 8 | If extension of lease, please clarify if proposal involves additional forest | | | | | | |
| 9 | Date of Stage-I clearance | | 5-ORB539/2022-BHU dated 17.04.2023. | | | | |
| 10 | Extent of CAMPA charges, head wise viz: | | | | | | |
| | (a) Compensatory Afforestation | | | | | | |
| | (b) Additional Compensatory Afforestation | | | | | | |
| | (c) Penal Compensatory Afforestation over 3.820 Ha in village - | | Rs. 30,80,500.00 | | | | |
| | (d) Catchment Area treatment | | | | | | |
| | (e) Wildlife Management Plan | | | | | | |
| | (f) Additional charges for diversion of area failing under notified / protected areas | | | | | | |
| | (g) Net Present Value over 0.764 ha forest land | | Rs. 10,97,616.00 | | | | |
| | (h) Any other charges / levies (please specify) Penal NPV | | Rs. 1,62,95,204.00 | | | | |
| | (i) Safety Zone | | | | | | |
| | (j) Scheme of plantation of 100 nos. trees | | Rs. 2,45,800.00 | | | | |
| | (k) Site Specific Wildlife Conservation Plan | | Rs. 1,02,17,000.00 | | | | |
| | (l) Interest in belated payment of NPV | | | | | | |
| | Total | | Rs. 3,09,36,120.00 | | | | |
| 11 | Whether payment made through challan or otherwise. In case of onlinepayment, details of challan | | | | | | |
| 12 | Details of deposits | | | | | | |
| Sl. No. | Type of deposit (NPV/CA/ IWMP/Others (specify)) | whether by RTGS/DD/ NEFT (Specify) | UTR/ DD No. | Amount deposited (Rs.) | Date of Deposit | Name of Bank from which amount transferred to account of CAF | Bank Account of CAF managed by CAMPA in which fund deposited |
| 1 | Net Present Value (NPV) | RTGS | ICICR5202305 2900878150 dated 29.05.2023 | 1097616.00 | 29.05.2023 | ICICI Bank, Ac - 064005000097, Gurgaon | Ac- 1508219930598277, Union Bank of India, ORISSA CAMPA |
| 2 | Penal NPV | RTGS | -do- | 16295204.00 | 29.05.2023 | ICICI Bank, Ac - 064005000097, Gurgaon | Ac- 1508219930598277, Union Bank of India, ORISSA CAMPA |
| 3 | Penal CA (PCA) | RTGS | Ref No. CMS415686113 8 on dated 14.05.2024 | 3080500.00 | 14.05.2024 | ICICI Bank, Ac - 064005000097, Gurgaon | Ac- 1508219930598484, Union Bank of India ORISSA CAMPA |
| 4 | Cost for plantation of 100 nos. trees | RTGS | PUNBR520240 71210365590 dated 12.07.2024 | 245800.00 | 12.07.2024 | Punjab National Bank, Ac - 11571132000055, Barbil | Ac- 1508219930598954, Union Bank of India, ORISSA CAMPA |
| 5 | SSWCP | RTGS | ICICR2202409 0204990395/U BIN0996335 dated 02.09.2024 | 10217000.00 | 02.09.2024 | ICICI Bank, Ac - 064005000097, Gurgaon | Ac- 1508219930598539, Union Bank of India ORISSA CAMPA |
| | | | Gross Total | 3,09,36,120.00 | | | |

Date:
Place:

Divisional Forest Officer,
Keonjhar Division

Principal Chief Conservator of Forests (Nodal)
Odisha.

Photo-1



COUNTERSIGNED

[Signature]
Forest Range C
Barbil Range

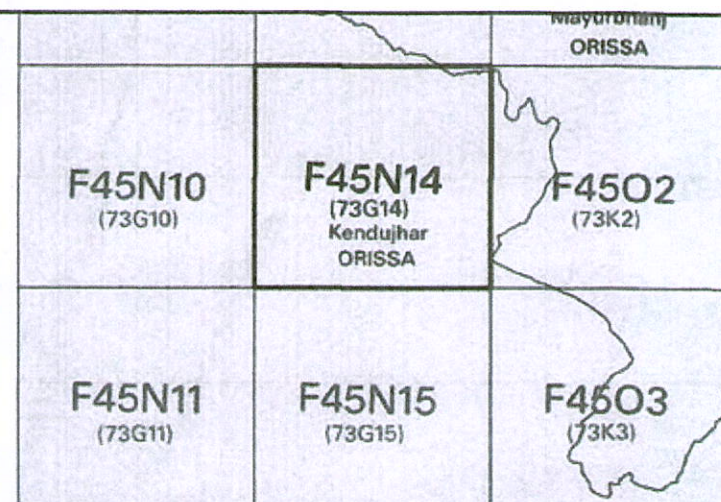
[Signature]
 Divisional Forest Officer
 Keonjhar Division

For SREE METALIKS LTD.

[Signature]
Rewati Ramani Suman

Director

TOPO MAP SHOWING AN AREA OVER 3.820 HA NON-FOREST GOVT. LAND IDENTIFIED IN VILLAGE LAXMIPOSI @ JARASANDHA UNDER GHATAGAON TAHASIL, KEONJHAR DISTRICT FOR RAISING OF PENAL COMPENSATORY AFFORESTATION i.e. (0.764 HA X 5 TIMES) IN LIEU OF FOREST LAND USED FOR NON-FORESTRY ACTIVITIES OVER 0.764 HA IN VIOLATION OF FC ACT, 1980 BY M/S SREE METALIKS LIMITED IN KEONJHAR DISTRICT.(TOPO SHEET NO-F45N14)



1 Pashchimi Singhbhum, JHARKHAND

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009.

Price : Rs. 50 / -

CONVENTIONAL SYMBOLS

- Express Highway: with toll, with bridge, with distance stone
- Roads, metalled: according to importance
- Roads, double carriageway: according to importance
- Unmetalled Road, Cart-track, Pack-track with pass, Foot-path
- Streams: with track in bed, undefined Canal
- Dams: masonry or rock-filled, earthwork, Weir
- River: dry with water channel; with island & rocks, Tidal river
- Submerged rocks, Shoal, Swamp, Reeds
- Wells: lined, unlined, Tube-well, Spring, Tanks: perennial, dry
- Embankments: road or rail, tank, Broken ground
- Railways, broad gauge: double, single with station, under constr.
- Railways, other gauges: double, single with distance stone, do.
- Mineral line or tramway, K.M. Cutting with tunnel
- Contours with sub-features, Rocky slopes, Cliffs
- Sand features: (1) flat, (2) sand-hills (permanent), (3) dunes (shifting)
- Towns or Villages: inhabited, deserted, Fort
- Huts: permanent, temporary, Tower, Antiquities
- Temple, Church, Mosque, Idgah, Tomb, Graves
- Lighthouse, Lightship, Buoy, lighted, unlighted, Anchorage
- Mine: Vine on trails, Grass, Scrub
- Palms: palm-tree, other, Plantain, Conifer, Bamboo, Other trees
- Areas: cultivated, wooded, Surveyed tree
- Boundary, International
- state: demarcated, undemarcated
- district: subdivision, taluk or Tahsil, forest
- Boundary pillars: surveyed, unlocated
- Heights, triangulated: station point, approximate
- Bench-mark, geodetic, tertiary, canal
- Post office, Telegraph office, Overland tank
- Rest house or inspection bungalow, Circuit house, Police station
- Camping ground, Forest: reserved, protected
- Spaced names: administrative, locality or tribal
- Hospital, Dispensary, Veterinary, Hospital / Dispensary
- Aerodrome, Helipad, Tourist site
- Power line: with pylons surveyed, with poles unsurveyed

REFERENCE

NH 215 National Highway No. 215.

NOTES

- Heights are in metres and above Indian mean sea level.
- Contours are approximate.
- A relative height, Δ represents the approximate height, in metres, between the top and bottom of a steep slope.
- The triangulated heights and contours in this sheet have not been adjusted to the heights of the spirit-levelled bench-marks and may not be strictly in accordance with them.
- The district boundary between Kendujhar and Mayurbhanj Districts has been surveyed as pointed out by the local officials on the ground, but has not been verified by the District authorities.
- Important buildings are shown in black with names.
- Hand Pump is shown thus

COMPILED INDEX

A. Compiled from 1:25,000 survey 1976-79.
Updated for major details during 2005-06.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about $\frac{1}{2}$ West in 2005.
(Annual change negligible).

1:50,000

500 m to 1 cm 2 cm to 1 km

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact

Director

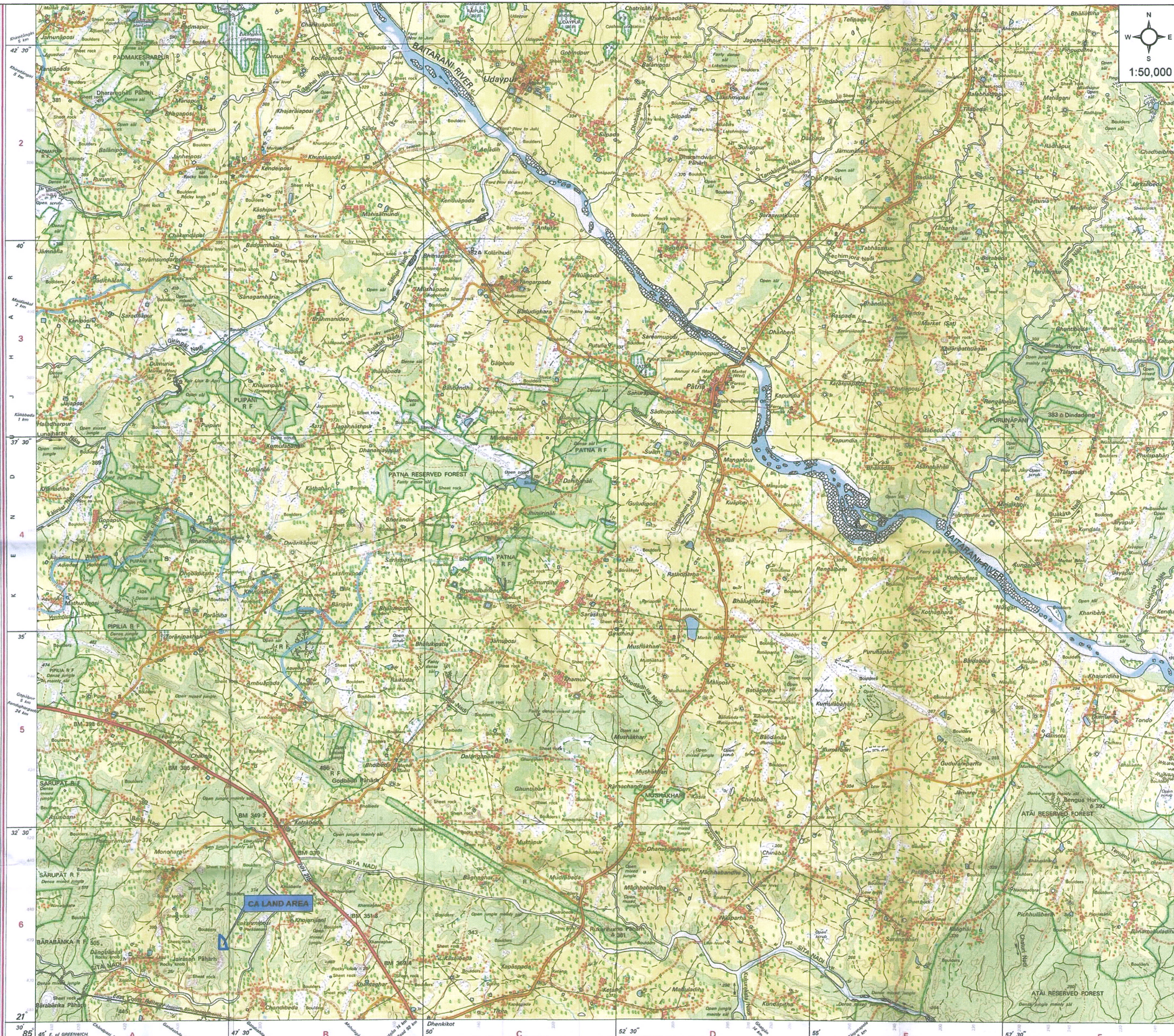
Orissa Geo-Spatial Data Centre

Survey of India

Survey Bhawan, PO - R R Laboratory

Bhubaneswar - 751013

Fax : 0674 - 2301418



LEGEND

CA LAND AREA

Surveyed & Prepared By :

Consultancy For Engineering & Environment Planning
Plot No-266/6427, sailashree Vihar, Bhubaneswar-751021
Whatsapp: +91-8763540484, Mob:+91-8917442494,
Mail us: contact.ceep@gmail.com, www.ceep.in

MAP SHOWING COMPENSATORY AFFORESTATION LAND IN VILLAGE LAXMIPASI ALIAS JARASANDHA UNDER GHATAGAON TAHASIL, KEONJHAR DISTRICT IN LIEU OF FOREST AREA FOR THE PROJECT LAYING UNDERGROUND PIPELINE ALONG WITH POWER LINE FOR DRAWING WATER FROM KARO RIVER WITHIN SIDHAMATHA R.F TO STEEL PLANT LOCATED AT VILLAGE LOIDAPADA BY M/S SREE METALIKS LIMITED IN KEONJHAR DISTRICT.

ନୌକା ଲକ୍ଷ୍ମୀପାସୀ ଓଡ଼ିଶା ଜଗତସିଂହ, ପିଟ ନଂ ୨

ଥାନା ଗହାଗାଁ ନଂ ୨୨
ଡିପାର୍ଟମେଣ୍ଟ ନଂ ୨୨୩୫
LAKSHMIPASI ALIAS JARASANDHA, SHEET N:2
Thana Ghatagaon N:26

ଜିଲ୍ଲା କେନ୍ଦ୍ର

ସ୍କେଲ୍ ୧୬ ଇଞ୍ଚ୍ ଓ ୧ ମାଇଲ୍
Scale 16 inches to 1 Mile
ସନ ୧୯୭୬-୭୭ ମସିହା Year 1976-77



1:3,960

| DGPS SURVEYED GEOREFERENCED POINT | | | | | | | | | |
|-----------------------------------|--------|----------|-----------------|-----------------|------------|-------------|--|--|--|
| SL NO | MAP ID | POINT ID | LONGITUDE | LATITUDE | EASTING | NORTHING | | | |
| 1 | GEO-1 | Geo01 | 85°47'05.45698" | 21°30'49.84675" | 374141.153 | 2379507.640 | | | |
| 2 | GEO-2 | Geo02a | 85°47'08.72665" | 21°30'18.97434" | 374227.857 | 2378557.601 | | | |
| 3 | GEO-3 | Geo03a | 85°47'29.71676" | 21°30'38.81703" | 374836.578 | 2379163.069 | | | |
| 4 | GEO-4 | Geo04 | 85°47'10.59786" | 21°31'04.64622" | 374292.612 | 2379961.564 | | | |
| 5 | GEO-5 | Geo05 | 85°47'06.13545" | 21°30'38.71193" | 374158.012 | 2379165.099 | | | |
| 6 | GEO-6 | Geo06 | 85°47'05.32047" | 21°30'27.81675" | 374131.956 | 2378830.262 | | | |

| DGPS SURVEYED CA BOUNDARY PILLAR | | | | | | | | | |
|----------------------------------|--------|----------|-----------------|-----------------|------------|-------------|--|--|--|
| SL NO | MAP ID | POINT ID | LONGITUDE | LATITUDE | EASTING | NORTHING | | | |
| 1 | BP-1 | BP1 | 85°47'22.33582" | 21°30'54.74453" | 374627.990 | 2379654.473 | | | |
| 2 | BP-2 | BP02 | 85°47'22.64861" | 21°31'05.50327" | 374639.554 | 2379985.227 | | | |
| 3 | BP-3 | BP03 | 85°47'23.47840" | 21°31'04.74667" | 374663.249 | 2379961.778 | | | |
| 4 | BP-4 | BP04 | 85°47'24.21577" | 21°31'04.19240" | 374684.334 | 2379944.570 | | | |
| 5 | BP-5 | BP05 | 85°47'25.08110" | 21°31'03.25469" | 374709.009 | 2379915.543 | | | |
| 6 | BP-6 | BP06 | 85°47'25.71511" | 21°31'02.65257" | 374727.108 | 2379896.887 | | | |
| 7 | BP-7 | BP07 | 85°47'26.59817" | 21°31'01.62979" | 374752.272 | 2379865.240 | | | |
| 8 | BP-8 | BP08 | 85°47'26.81786" | 21°31'01.22984" | 374758.499 | 2379852.893 | | | |
| 9 | BP-9 | BP09 | 85°47'26.81928" | 21°31'00.28367" | 374758.314 | 2379823.799 | | | |
| 10 | BP-10 | BP10 | 85°47'26.95110" | 21°30'58.97869" | 374761.796 | 2379783.642 | | | |
| 11 | BP-11 | BP11 | 85°47'27.29164" | 21°30'58.96343" | 374771.591 | 2379783.097 | | | |
| 12 | BP-12 | BP12 | 85°47'28.01537" | 21°30'55.96625" | 374791.702 | 2379690.774 | | | |
| 13 | BP-13 | BP13 | 85°47'28.93714" | 21°30'54.67670" | 374817.918 | 2379650.916 | | | |

AREA STATISTICS OF CA LAND

| SL NO | VILLAGE NAME | PLOT NO | KISSAM | REQUIRED AREA(HA) | MAP AREA(HA) |
|------------|------------------------------|-----------|-----------|-------------------|--------------|
| 1 | LAKSHMIPOSI ALIAS JARASANDHA | 21/443(P) | PARBATA-I | 3.820 | 3.824 |
| TOTAL AREA | | | | 3.820 | 3.824 |

- DGPS Survey of Penal Compensatory Afforestation Land identified in Lakshmiposi alias Jarasandha village of Ghatagaon Tahsil, Keonjhar district in lieu of diversion of forest land for laying underground water pipeline along with 11kv Powerline from Karo river to Loidapada Integrated Steel Plant of M/s Sree Metaliks Ltd. in Keonjhar district has been carried out by the user agency through M/s Consultancy for Engineering & Environment Planning, Bhubaneswar.
- DGPS Survey Co-ordinates are verified by ORSAC. Also Maps showing Compensatory Afforestation land are verified with geo-referenced cadastral sheets / surveyed points compared with Ortho-rectified Cartosat Satellite image and found that maps are correct at a confidence level of 95%.
- The Penal Compensatory Afforestation land identified in a part of Plot no. 21/443 of Lakshmiposi alias Jarasandha village of Ghatagaon Tahsil, Keonjhar district.
- Total Compensatory Afforestation land works out to 3.824Ha. area from the submitted shp files and against the identified area of 3.820Ha. as mentioned in the submitted record.

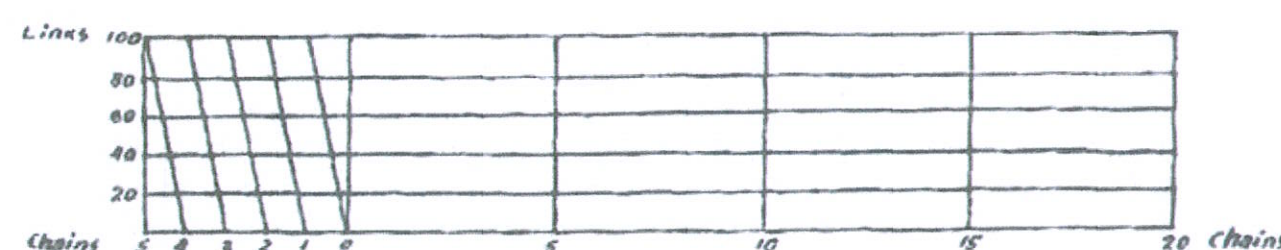


AREA STATISTICS OF CA LAND

AS PER NEW ROR ISSUED IN FAVOUR OF FE&CC. Dept.

| Village | Plot No | Kissam | Required Area (Ha.) | Map Area (Ha.) |
|------------------------------|------------|-----------|---------------------|----------------|
| Lakshmipasi Alias Jarasandha | 21/443/491 | Parbat -I | 3.8202 | 3.824 |

Certified that this map and a copy of it has been with Rule 29 read with on 13th January, 19



ଆଗାଧିକାରୀ ନଂ ୨୪

PROJECT METALIKS LTD
Revenue Inspector
Director

TAMABILDA
Ghatagaon

Revenue Inspector
Dhenikote Circle
Dhenikote

Asst. Conservator of Forests
V/c Ghatagaon Range

Perce. Section Officer
Ghatagaon

COUNTERSIGNED
Bhubaneswar

Surveyed & Prepared By

LEGEND

- CA LAND AREA
- DGPS SURVEYED GEOREFERENCED POINT
- DGPS SURVEYED CA BOUNDARY PILLAR

Consultancy For Engineering & Environment Planning
Plot No-2666427, Laxmiposi, Ghatagaon, Bhubaneswar-751021
Whatsapp: +91-8763540484, Mob: +91-98812442494
Mail us: contact.ceep@gmail.com, www.ceep.in