



**SREE  
METALIKS  
LIMITED**

Ref: SML/BBL/DFO/104.B

Date: 20.07.2022

To,  
The Divisional Forest Officer  
Keonjhar Forest Division  
Keonjhar, Odisha

Sub: Proposal for Diversion of Forest land 0.764 ha (0.523 Ha Sidhamath Reserve Forest 0.241 ha Sabik Jungle), Non-forest land 0.154 ha out of total area 0.918 ha required for laying Underground Water Pipeline along with 11 KVA power line for drawing Water from Karo River to Integrated Steel Plant present at Rugudihi village by M/s Sree Metalik Limited, Barbil, Keonjhar, Odisha: Regarding submission of EDS reply

Ref: Online Proposal No FP/OR/others/30598/2017, State SI No )R-015/2018

Dear Sir,

With reference to above motioned subject, we would like to mention followings for your kind information and necessary action.

That Proposal was submitted for Diversion of 0.472 Ha of Forest Land (0.293 Ha. Of Sidhamatha RF land and 0.179 Ha of other forest land at village Rugudihi, Topadihi, & Loidapada) for lying Underground Pipeline along with Power line for drawing water from Karo River within Sidhamath Reserve Forest to the Steel Plant located at village Loidapada. Online Proposal No FP/OR/others/30598/2017, State SI No )R-015/2018. During revisit of proposal and carrying out DGPs survey over proposed area it is found there is some changes in area proposed for diversion. Hence we are submitting the revised proposal as follows

" Proposal for Diversion of Forest land 0.764 ha (0.523 Ha Sidhamath Reserve Forest 0.241 ha Sabik Jungle), Non-forest land 0.154 ha out of total area 0.918 ha required for laying Underground Water Pipeline along with 11 KVA



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power line for drawing Water from Karo River to Integrated Steel Plant present at Rugudihi village by M/s Sree Metalik Limited ,Barbil, Keonjhar,Odisha"

The land details as per revision of proposal is givn below

Total Land involved in the Project				
S. No	Division Name	Forest Land (Ha.)	Non-Forest Land (Ha.)	
1	Keonjhar	0.764	0.154	

Accordingly all the documents viz, DGPS Map, Map showing alternate Sites for project , Location of project on Toposheet , Justification of the project, Short narratives on Proposal has been revised/updated as per revised area and submitted for your kind perusal.

With above submission ,kindly do needful for onward submission of our proposal

Thanking with regards

Yours Faithfully

For SREE METALIKS LTD  
*Renuka Ram Sharma*  
Director

Encl: as above

Diversion of Forest land 0.764 ha (0.523 Ha Sidhamath Reserve Forest 0.241 ha Sabik Jungle), Non-forest land 0.154 ha out of total area 0.918 ha required for laying Underground Water Pipeline along with 11 KVA power line for drawing Water from Karo River to Integrated Steel Plant present at Rugudihi village by M/s Sree Metalik Limited ,Barbil, Keonjhar,Odisha

## ANNEXURES

### CHECK LIST SERIAL NUMBER: - 07 STATEMENT SHOWING DETAILS OF FOREST AREA PROPOSED FOR DIVERSION

a

Sl No	Division	District	Range/ Block/ village limit	Survey/ Compartment Number/ KM. Stone	Forest area proposed for diversion (Ha)	Legal status of Forest area	Remarks
1	2	3	4	5	6	7	8
1	keonjhar	Keonjhar	Barbil/ Barbil/ Laidapada	68/2,34,8,5,63. 31,23,6,34, 11,66,65,1, 63.26,67	0.035	Sabik Jungle	
2	keonjhar	Keonjhar	Barbil/ Barbil/ Rugudihi	74,72,75	0.147	Sabik Jungle	
3	keonjhar	Keonjhar	Barbil/ Barbil/Topadihi	124	0.059	Sabik Jungle	
4	keonjhar	Keonjhar	Sidhamath RF		0.523	Reserve Forest	
Total Area(in ha)					0.764		

For SREE METALIKS LTD.  
*R. Ravi Sankar*  
User Agency **Director**  
Signature and seal

Date-----  
Place-----

Divisional Forest Officer  
\_\_\_\_\_  
Forest Division  
Office seal\_\_\_\_\_

Diversion of Forest land 0.764 ha (0.523 Ha Sidhamath Reserve Forest 0.241 ha Sabik Jungle), Non-forest land 0.154 ha out of total area 0.918 ha required for laying Underground Water Pipeline along with 11 KVA power line for drawing Water from Karo River to Integrated Steel Plant present at Rugudihi village by M/s Sree Metalik Limited ,Barbil, Keonjhar,Odisha

**CHECK LIST SERIAL NUMBER: - 08**  
**STATEMENT SHOWING DETAILS OF NON-FOREST AREA**  
**INVOLVED IN THE PROPOSAL**

Sl No	Division	District	Range/ Block/ village limit	Survey/ Compartment Number/ KM. Stone	Non Forest area proposed for diversion (Ha)	Present Land Use	Remarks
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>
1	Keonjhar	Keonjhar	Barbil/ Barbil/Laidapada	68/2,34,8,5,63 /31,23,6,11,63 /26,1	0.149	Karakhana, Sarad-1, Sarada-2, Taila-1, Danda,	
1	Keonjhar	Keonjhar	Barbil/ Barbil/Rugudihi	75	0.005	Nala	
Total Area in ha					0.154		

For SREE METALIKS LTD.  
*R. Ravi Shankar*  
 User Agency *Director*  
 Signature and seal

date-----  
 Place-----

Divisional Forest Officer  
 \_\_\_\_\_ Forest Division  
 Office seal\_\_\_\_\_

Diversion of Forest land 0.764 ha (0.523 Ha Sidhamath Reserve Forest 0.241 ha Sabik Jungle), Non-forest land 0.154 ha out of total area 0.918 ha required for laying Underground Water Pipeline along with 11 KVA power line for drawing Water from Karo River to Integrated Steel Plant present at Rugudihi village by M/s Sree Metalik Limited ,Barbil, Keonjhar,Odisha

CHECK LIST SERIAL NUMBER: - 11

CERTIFICATE FOR MINIMUM USE OF FOREST LAND

This is to certify that the forest area involved in the proposal is unavoidable and barest minimum forest area i.e. 0.764 ha is proposed for diversion.

For SREE METALIKS LTD.  
*R. Ramesh Kumar*  
User Agency *Director*  
Signature and seal

(Signature of User Agency)

Date-----

Office seal\_\_\_\_\_

Place-----

Countersigned by:-  
Divisional Forest Officer  
Keonjhar Forest Division  
Office seal\_\_\_\_\_

Diversion of Forest land 0.764 ha (0.523 Ha Sidhamath Reserve Forest 0.241 ha Sabik Jungle), Non-forest land 0.154 ha out of total area 0.918 ha required for laying Underground Water Pipeline along with 11 KVA power line for drawing Water from Karo River to Integrated Steel Plant present at Rugudihi village by M/s Sree Metalik Limited ,Barbil, Keonjhar,Odisha

**CHECK LIST SERIAL NUMBER: - 12**

**UNDERTAKING FOR PAYMENT OF COST OF  
COMPENSTATORY AFFORESTATION IN LIEU OF THE FOREST LAND PROPOSED  
FOR DIVERSION**

I, Rewati Raman Sharma, Director M/s Sree Metaliks Ltd undertakes to pay entire amount for compensatory afforestation in lieu of the forest area diverted for 0.764 ha as per prevailing wage prior to Stage II Clearance as per demand raised by DFO, Keonjhar. w.r.t. Diversion of Forest land 0.764 ha (0.523 Ha Sidhamath Reserve Forest 0.241 ha Sabik Jungle) Non-Forest area 0.154 ha out of total area 0.918 ha required for laying Underground Water Pipeline along with 11 KVA power line for drawing Water from Karo River to Integrated Steel Plant present at Rugudihi village by M/s Sree Metaliks Limited ,Barbil, Keonjhar,Odisha under Barbil Forests range of Keonjhar Forest Division.

For SREE METALIKS LTD.  
*R. Raman Sharma*  
User Agency *Director*  
Signature and seal

(Signature of User Agency)

Date-----

Office seal\_\_\_\_\_

Place: Keonjhar

Date-

Place-keonjhar

Countersigned by:-  
Divisional Forest Officer  
Keonjhar Forest Division  
Office seal\_\_\_\_\_

Diversion of Forest land 0.764 ha (0.523 Ha Sidhamath Reserve Forest 0.241 ha Sabik Jungle), Non-forest land 0.154 ha out of total area 0.918 ha required for laying Underground Water Pipeline along with 11 KVA power line for drawing Water from Karo River to Integrated Steel Plant present at Rugudihi village by M/s Sree Metalik Limited ,Barbil, Keonjhar,Odisha

CHECK LIST SERIAL NUMBER: - 13

UNDERTAKING FOR PAYMENT OF NET PRESENT VALUE  
FOREST AREA

I, Rewati Raman Sharma, Director M/s Sree Metaliks Ltd undertakes to pay the pay the Net Present Value (NPV) and additional NPV if so determined as per the decision of the Hon'ble Supreme Court for which the present forest diversion proposal submitted herewith as per applicable rate as demand raised by DFO, Keonjhar in lieu of Diversion of Forest land 0.764 ha (0.523 Ha Sidhamath Reserve Forest 0.241 ha Sabik Jungle), Non Forest land 0.154 Ha out of total area 0.918 ha required for laying Underground Water Pipeline along with 11 KVA power line for drawing Water from Karo River to Integrated Steel Plant present at Rugudihi village by M/s Shree Metaliks Limited ,Barbil, Keonjhar,Odisha under Barbil Forests range of Keonjhar Forest Division

For SREE METALIKS LTD.  
*R. Rami Sharma*  
User Agency *Director*  
Signature and seal

(Signature of User Agency)

Date-----

Office seal\_\_\_\_\_

Place: Keonjhar

Date-

Place-Keonjhar

Countersigned by:-  
Divisional Forest Officer  
Keonjhar Forest Division  
Office seal\_\_\_\_\_

**Short Narrative of the Proposal and Project for which the Forest Land is Required**

The M/s SreeMetaliks Ltd is a Private Limited company, was commissioned for a multi-product unit of manufacturing of sponge iron and steel since 1995. With a vast network of professionals and well-equipped plants in India, Sree Metaliks Limited is one of the leading TMT bars manufacturers in India. It possesses a state-of-the-art manufacturing facility and the highest quality testing controls. The Company produces TMT bars under the brand name SML TITAN at its Loidapada, Odisha Plant using an in-house hot Billet process. With dedicated team of subject matter experts and our high-quality standards, SML have strived to become the best TMT bar company in India.

Subsequently the Company has signed MOU on dt.- 27<sup>th</sup> 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:

<b>PROJECT CONFIGURATION</b>	<b>CAPACITY</b>
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 has is

For SREE METALIKS LTD  
*Renuka Ramani Shannar*  
 Signature of User Agency Director





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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 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 form karo River with due permission from Water Resource Department, Government of Odisha vide Letter No. 22886/Dt. 22.07.05[Annexure-II .D)]. Based on allocation order agreement has been done with Supertending 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

For SREE METALIKS LTD  
*Renuka Ramon Shannu*  
Signature of User Agency Director



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land requirement is 0.6138Ha including forest land of 0.472Ha.

The project proponent proposes to draw the said water by installing a pump house in the banks of River Karo and lying underground pipeline of 300mm dia along with 11 KV underground power cable. The total land requirement for pipeline is 0.6138 Ha including forest land of 0.472 Ha.

While selecting the site for the proposed project, three alternative routes have been considered depending on the water intake points in the River Karo. All the alternate route are shown in Plate-1 .

1. Route No.1 (Option-1):- The length of the route is 6.30 kms out of which 4.30 km is inside Sidhamatha RF. This route covers more forest area.
2. Route No.2 (Option-2):- The length of this route is 4.74 km out of which 2.73 km is inside Sidhamath RF.
3. ***Route No.3 (Option-3):- The length of this route 3.655 km out of which 3.046 km is inside Sidhamath RF, & sabik Forest at village Topadihi, Laidapada and Rugudihi and rest 0.612 Km in Non-forest land at Laidapada & Rugudihi Village***

This (Option-3) alignment has been selected due to the following reasons:

- a. This is the shortest route among all the options.
- b. It involves less RF area as well as other Forest land area in comparison to other options, so there will be less use of Forest Land.
- c. This alignment is along the side of the existing road and along the boundary of existing Mining Lease area, causing minimum destruction of Forest and Forest land.
- d. Tree cutting will be less in comparison to other routes.

After surveying the selected route of 3.655 km chosen for laying pipeline from Karo River to Sreemetalik. Out of total length 3.046 km is in Forest Land (Sidhamath RF 2.084 KM, Topadihi Village 0.235 Km, Rugudihi Village 0.585 Km and Loidapada Village 0.139 Km) and rest 0.612

**For SREE METALIKS LTD**  
*Renuka Ramani Shannur*  
Signature of User Agency **Director**



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km in Non forest Land ( 0.593 Km in Loidapada & 0.019 Rugudihi Village)

Village wise breakup			
Sl No	Village Name	Forest Land (Km.)	Non-Forest Land (Km.)
1	Loidapada	0.139	0.593
2	Rugudihi	0.585	0.019
3	Topadihi	0.235	
4	Sidhamath RF	2.084	
Total		3.043	0.612

The route selected for installation of pipeline falls in three villages namely Loidapada (plot no 114,116,118,119,386,387,389), Rugudihi (plot no 137,138,140) & Topadihi (Plot no 452,610,303) In order to utilize the forest land falling within proposed route, diversion proposal has been submitted as per provision under Forest Conservation Act,1980 and amendment thereof.

For SREE METALIKS LTD  
*Renuka Ramani Shannur*  
Signature of User Agency Director





OFFICE OF THE TAHASILDAR, BARBIL

No. 2293 / Date 4/7/22

To

The Authorised Signatory,  
Sree Metalliks Limited.

Sub:

Authentication of Land Schedule of total area 0.914 ha present in Sidhamath Reserve Forest, Topadihi, Laidapada and Rugudihi village required for laying underground water pipeline along with 11KVA power line for drawaing water from Karo river to Integrated Steel Plant at Rugudihi by M/S Sree Metalik Limited, Barbil, Keonjhar.

Ref:

Your Letter No. SML/BBL/Tahasil/105/22-23, Dated 28.06.2022.

Sir,

With reference to the letter on the subject cited above, I am to authenticate the status of land schedule enclosed herewith as per Govt. records as on 25.10.1980 vide Govt. Order No. 4822, dated 12.02.2015 of Chief Secretary Odisha in respect of Sidhamath Reserve Forest, Topadihi, Laidapada and Rugudihi village required for laying underground water pipeline along with 11KVA power line for drawaing water from Karo river to Integrated Steel Plant at Rugudihi by M/S Sree Metalik Limited, Barbil, Keonjhar situated under Barbil Tahasil basing on the status submitted by Addl. Sub-Collector (Settlement), Keonjhar vide his Letter No. 250, dated 03.06.2022 which is verified by the Amin and Record Keeper of this office.

This is for favour of your information and necessary action.

Yours faithfully

Encl: As above

  
Tahasildar, Barbil



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**STATUS OF (FOREST /NON FOREST) LAND AS ON 25.10.1980 AS PER HAL(PRESENT) RECORDS OF RIGHTS COMING UNDER THE WATER PIPELINE AND POWER PIPELINE FROM KARO RIVER TO INTEGRATED STEEL PLANT OF M/S SREE METALIKS LTD.**

**VILLAGE: LAIDAPADA**

SL NO	VILLAGE NAME	KHATA NO	As per HAL RoR		TOTAL AREA(AC)	APPLIED /REQUIRED AREA( in AC)	APPLIED/REQUIRED AREA(in HA)	As per Sabik RoR status of land as on 25.10.1980		Remark
			PLOT NO	KISAM(HAL)				PLOT NO	KISAM AS PER SABIK	
1	LAIDAPADA	68/2	3 ✓	KARAKHANA	0.820 ✓	0.018	0.007	3 216	11 Jala.	
2	LAIDAPADA	68/2	4 ✓	KARAKHANA	0.800 ✓	0.020	0.008	2 216	11 Jala.	
3	LAIDAPADA	68/2	5 ✓	KARAKHANA	0.400 ✓	0.002	0.001	216	11 Jala.	
4	LAIDAPADA	34	13 ✓	SARADA-I	2.010 ✓	0.083	0.034	217	11 Jala.	
5	LAIDAPADA	8	14 ✓	SARADA-II	0.180 ✓	0.012	0.005	226	11 Jala.	
6	LAIDAPADA	5	43 ✓	SARADA-II	0.920 ✓	0.073	0.030	14	11 Jala.	
7	LAIDAPADA	63/31	61 ✓	TAILA-I	0.450 ✓	0.002	0.001	21.16	11 Jala.	
8	LAIDAPADA	23	62 ✓	TAILA-I	0.120 ✓	0.002	0.001	16	11 Jala.	
9	LAIDAPADA	23	66 ✓	TAILA-I	0.860	0.002	0.001	16	11 Jala.	

*[Signature]*  
BARRIL TAHASIL

*[Signature]*  
RECORD KEEPER  
TAHASIL OFFICE, BARBIL

*[Signature]*  
30/6/22  
ବନ୍ଦୋବସ୍ତ କାର୍ଯ୍ୟାଳୟ  
ହାଟିପ୍ ଖାନା, କେନ୍ଦୁଝର

*[Signature]*  
TAHASILDAR  
BARBIL





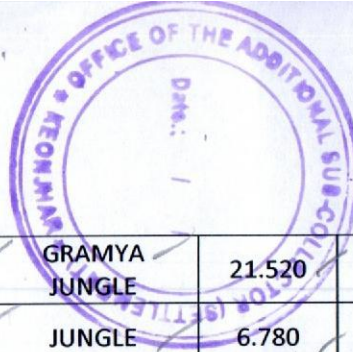
10	LAIDAPADA	6	67	DANDA	0.430	0.077	0.031	16	11 Roda.
11	LAIDAPADA	6	111	DANDA	0.510	0.046	0.019	55	11 Roda.
12	LAIDAPADA	34	112	SARADA-II	0.380	0.005	0.002	218	111 Jala.
13	LAIDAPADA	11	113	SARADA-II	0.150	0.006	0.002	227	111 Jala.
14	LAIDAPADA	66	114	DANDA	0.090	0.008	0.003	1	Jungle
15	LAIDAPADA	65	116	ADI	0.220	0.011	0.004	1	Jungle
16	LAIDAPADA	1	183	NAYAN JORI	1.780	0.003	0.001	18.32.33 N/a	11 Roda. Jungle. 11 Roda.
17	LAIDAPADA	1	228	RASTA	4.380	0.007	0.003	N/a	
18	LAIDAPADA	1	229	NAYAN JORI	3.600	0.003	0.001	N/a	
19	LAIDAPADA	63/26	318	TAILA-I	1.300	0.001	0.000	21	111 Roda.
20	LAIDAPADA	6	321	TAILA-I	0.760	0.006	0.002	21	111 Roda.
21	LAIDAPADA	67	389	TAILA-I	0.140	0.017	0.007	1	Jungle
22	LAIDAPADA	1	217/467	NAYAN JORI	2.700	0.004	154/155/158 0.002 34.36.35	1.6.98 96.92.153	Jungle, 11 Roda. 11 Roda. 11 Roda. 11 Roda.
23	LAIDAPADA	66	67/380	DANDA	1.270	0.044	0.018	15	Jungle
VILLAGE: RUGUDIH									
24	RUGUDIDIH	74	137	SARADA-III	0.780	0.029	0.012	77	Jungle
25	RUGUDIDIH	74	138	PATTA	0.130	0.013	0.005	77	Jungle
26	RUGUDIDIH	74	140	SARADA-I	0.290	0.025	0.010	77	Jungle

BARBIL TAHAASIL  
RECORD KEEPER  
TAHAASIL OFFICE, BARBIL

TAHAASIL DAR  
BARBIL

30.6.22  
30.6.22





27	RUGUDIDIHI	72	1/452	GRAMYA JUNGLE	21.520	0.156	0.063	77	SAL JUNGLE	
28	RUGUDIDIHI	72	1/609	JUNGLE	6.780	0.009	0.004	77	SAL JUNGLE	
29	RUGUDIDIHI	72	1/610	GRAMYA JUNGLE	4.800	0.130	0.053	77	SAL JUNGLE	
30	RUGUDIDIHI	75	89	NALA	1.650	0.012	0.005	2	Nala	
VILLAGE: TOPADIHI										
31	TOPADIHI	124	61/303	GRAMYA JUNGLE	39.800	0.146	0.059	1	JUNGLE	
32	SIDHAMATHA RESERVE FOREST					1.293	0.520			

20/6/22  
 ଉଲ୍ଲାନାବା  
 ବନ୍ଦୋବସ୍ତ କାର୍ଯ୍ୟାଳୟ  
 ମହାପତ୍ର ଖାନା, କେନ୍ଦୁଝର

16/6/22  
 ବନ୍ଦୋବସ୍ତ କାର୍ଯ୍ୟାଳୟ  
 ହାତୀସ ଖାନା, କେନ୍ଦୁଝର

AMIN  
 BARBIL TAHASIL

RECORD KEEPER  
 TAHASIL OFFICE, BARBIL

TAHASILDAR  
 BARBIL

Office-in-Charge  
 of Record Room  
 20/6/22



CERTIFIED TRUE COPY OF THE FY 2021-22 MEETING OF THE BOARD OF DIRECTORS OF SREE METALIKS LIMITED HELD ON THURSDAY, THE 07<sup>TH</sup> DAY OF OCTOBER, 2021 AT 11.00AM AT F101, FIRST FLOOR, SOLITAIRE PLAZA, GURGAON, HARYANA-122002 AND CONCLUDED AT 12.00 NOON.

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The Chairman proposed about the reopening of company's manufacturing unit situated at Mukundpur Village, Po- Parang, District – Angul, Odisha as per the NCLT approved Resolution plan for the company under IBC 2016. The Chairman also proceed to appoint Mr. Revati Raman Sharma, the director of the company bearing Director Identification No. 03513150 and Aadhar No. 2033-5881-1910 as a "Occupier" under section 2(n) of the Factories Act, 1948 for all manufacturing units of the company.

The Board after due deliberation passed the following resolutions:

"RESOLVED THAT the consent of the board of directors be and is hereby accorded to re-open the company's manufacturing unit situated at Mukundpur village, Po- Parang, District-Angul, Odisha."

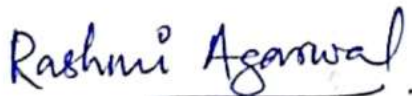
"FURTHER RESOLVED THAT the consent of the Board of directors be and is hereby accorded to appoint Mr. Revati Raman Sharma, the director of the company bearing Director Identification No. 03513150 and Aadhar No. 2033-5881-1910 as a "Occupier" under section 2(n) of the Factories Act, 1948 with immediate effect for the company's manufacturing units at:

1. SREE METALIKS LIMITED- Loidapada, Po- Guali, District: Keonjhar, Odisha
2. SREE METALIKS LIMITED- Anra, Po- Upper Raiguda, District: Keonjhar, Odisha
3. SREE METALIKS LIMITED- Mukundpur, Po- Parang, District: Angul, Odisha"

"FURTHER RESOLVED THAT Mr. Revati Raman Sharma, the director of the company bearing Director Identification No. 03513150 and Aadhar No. 2033-5881-1910 be and is hereby authorized to sign and submit documents or information to various government departments and agencies and to do all such acts, deeds or things to give effect to the above resolution on behalf of the company."

CERTIFIED TRUE COPY

For SREE METALIKS LIMITED



Company Secretary

Date: 08.10.2021

Place: Gurgaon



### **JUSTIFICATION OF THE PROPOSAL**

The M/s Sree Metaliks Ltd is a Private Limited company, was commissioned for a multi-product unit of manufacturing of sponge iron and steel since 1995. The company has established a steel plant at Topadihi Village ,Dist Keonjhar, Odisha with following configuration.

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

There are 5000nos people benefitted due to the project, The water requirement of the plant is 661 KLD Out of which 636 KLD to be drawn from Karoriver 25 KLD from Borewell. Required permission for same already been obtained from Water Resource Department, Govt of Odisha and CGWA, Govt of India respectively.(attached as Annexure-II.C & D)

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 0.6138Ha including forest land of 0.472Ha.

The project proponent proposes to draw the said water by installing a pump house in the banks of River Karo and lying underground pipeline of 300mm dia along with 11 KV underground power cable. The total land requirement for pipeline is 0.6138 Ha including forest land of 0.472 Ha

While selecting the site for the proposed project, three alternative routes have been considered depending on the water intake points in the River Karo. All the alternate route are shown in Plate-1 .

For SREE METALIKS LTD  
*Renuka Ramani Sharmar*  
 Signature of User Agency Director



1. Route No.1 (Option-1):- The length of the route is 6.30 kms out of which 4.30 km is inside Sidhamatha RF. This route covers more forest area.
2. Route No.2 (Option-2):- The length of this route is 4.74 km out of which 2.73 km is inside Sidhamath RF.
3. **Route No.3 (Option-3):- The length of this route 3.655 km out of which 3.046 km is inside Sidhamath RF, & sabik Forest at village Topadihi, Laidapada and Rugudihi and rest 0.612 Km in Non-forest land at Laidapada & Rugudihi Village**

This (Option-3) alignment has been selected due to the following reasons:

- a. This is the shortest route among all the options.
- b. It involves less RF area as well as other Forest land area in comparison to other options, so there will be less use of Forest Land.
- c. This alignment is along the side of the existing road and along the boundary of existing Mining Lease area, causing minimum destruction of Forest and Forest land.
- d. Tree cutting will be less in comparison to other routes.

After surveying the selected route of 3.655 km chosen for laying pipeline from Karo River to Sreemetalik. Out of total length 3.046 km is in Forest Land (Sidhamath RF 2.084 KM, Topadihi Village 0.235 Km, Rugudihi Village 0.585 Km and Loidapada Village 0.139 Km) and rest 0.612 km in Non forest Land ( 0.593 Km in Loidapada & 0.019 Rugudihi Village)

Village wise breakup			
Sl No	Village Name	Forest Land (Km.)	Non-Forest Land (Km.)
1	Loidapada	0.139	0.593
2	Rugudihi	0.585	0.019
3	Topadihi	0.235	
4	Sidhamath RF	2.084	
Total		3.043	0.612

The route selected for installation of pipeline falls in three villages namely Loidapada (plot no 114,116,118,119,386,387,389), Rugudihi (plot no 137,138,140) & Topadihi (Plot no 452,610,303)

In order to utilize the forest land falling within proposed route, diversion proposal has been submitted as per provision under Forest Conservation Act, 1980 and amendment thereof.

For SREE METALIKS LTD  
*Renukati Ramani Shanner*  
Signature of User Agency Director

भारत सरकार  
पर्यावरण एवं वन मंत्रालय  
GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT & FORESTS

BY SPEED POST

Telefax: 011-24360488  
E-mail: sansom\_2859@yahoo.co.in

File No. J-11011/169/2007-IA-II (I)

Date: 1<sup>st</sup> February 2008

To,

M/s Sree Metaliks Limited  
Gurudwara Road  
Barbil, Keonjhar  
Orissa

Subject: Expansion and Diversification of Existing Sponge Iron Plant by Installation of 4X4 TPH Induction Furnace at Loidapada, Guali, Keonjhar, Orissa by M/s Sree Metaliks Ltd. - Environment Clearance regarding.

Sir,

Kindly refer to your application No. SML/2007/102 dated 24<sup>th</sup> September 2007 seeking environmental clearance for the above-mentioned project.

2. The Ministry of Environment and Forests has examined the proposal. It is noted that proposed project is to expand the present Sponge Iron and Steel Billets manufacturing capacities at the existing plant at Loidapada, Keonjhar, Orissa by installing four (4) additional Induction Furnaces of 4 Ton/heat (4x4 Ton/heat) in the existing premises. This will increase the Steel Production from 550 TPD to 1050 TPD. Sponge Iron produced with in the plant will be used in conjunction with Cast Iron produced in the plant. No metal iron scrap will be melted. The cooling water shall be completely recycled and shall not be discharged outside. The unit will be 'Zero Discharge' unit. Slag from the Induction Furnace shall be used in the existing slag crusher and the sand shall be used in civil construction and development of road after separation of the metallic portion. State Pollution Control Board, Bhubaneswar, vide letter no.8797Ind-II-NOC-4545 dated April 17, 2007 had granted the Consent to Establish, subject to clearance from MoEF.

3. The project activity is listed at 5 (k) and is of 'B' Category project in the Schedule of EIA Notification, 2006, however, was considered at the Central level in the absence of the SEIAA for the State of Orissa. The preparation of EIA/EMP Report and Public Hearing was dispensed with under Para 7 (ii) of EIA Notification, 2006.

4. Based on the information submitted by you, the Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA Notification, 2006, subject to the compliance of the following conditions:

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कहाँ है खुशहाली।

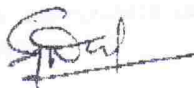
पर्यावरण भवन, सी.जी.ओ. कॉम्प्लेक्स, लोदी रोड, नई दिल्ली - 110 003  
PARYAVARAN BHAWAN, C.G.O. COMPLEX, LODHI ROAD, NEW DELHI - 110 003



A. SPECIFIC CONDITIONS:

- (i) The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19<sup>th</sup> May, 1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location. At no time the emission level shall go beyond the prescribed standards. On-line Continuous monitoring system for particulate emissions, SO<sub>2</sub> and NO<sub>x</sub> shall be provided with sponge iron unit and CPP and shall make necessary arrangements for submission of On-line real time emission data to CPCB website. Interlocking facility shall be provided between pollution control equipment and the process operation so that in the event of the pollution control equipment not working, the respective unit (s) is shut down automatically.
- (ii) The relevant environmental standards and guidelines prescribed by CPCB for Sponge Iron and Steel plants shall be followed.
- (iii) Sponge Iron produced with in the plant shall be used in conjunction with Cast Iron produced in the plant.
- (iv) No metal iron scrap will be melted.
- (v) Bag filters shall be installed to arrest the dust particles discharged from the furnaces. Swiveling hoods of adequate size shall also be installed to collect fumes, which shall be routed through bag filters. Reverse Pulse Jet arresting system shall be provided and SPM emission from the stack shall be limited below 50 mg/nm<sup>3</sup>. Stack of minimum 30 m shall be provided.
- (vi) The total water requirement will not exceed than the permitted 241 m<sup>3</sup>/hr.
- (vii) The cooling water shall be completely recycled and shall not be discharged outside and 'Zero Discharge' shall be followed strictly.
- (viii) Slag from the Induction Furnace shall be used in the existing slag crusher and the sand shall be used in civil construction and development of road, after separation of the metallic portion.
- (ix) In plant control measures for checking fugitive emissions from all the vulnerable sources like spillage/raw materials/coal handlings etc. shall be provided. Further, specific measures like provision of dust extraction and suppression system consisting of water sprinkling, suction hoods, fans, cyclones, bag filters, ventury scrubber etc. shall be installed at material transfer points, furnace stock house

Contd.



and other enclosed raw material handling areas. Centralized de-dusting system i.e. collection of fugitive emissions through suction hood and subsequent treatment through bag filter or any other device and finally emitted through a stack of appropriately designed height, as prescribed above, shall be provided for kiln and waste heat recovery boiler.

- (x) Fugitive emissions, especially in the work zone area shall be regularly monitored and records be maintained as per CPCB guidelines.
- (xi) Raw material will be stored in covered yards. Water sprinkling arrangement should be made in the raw material stock yard to control fugitive emissions. Materials will be transported in tippers, covered trucks, covered containers, covered rail wagons etc.
- (xii) Windbreakers will be installed to restrict fugitive dust.
- (xiii) Acoustic enclosures will be installed to limit the noise levels below 85 dBA.
- (xiv) 33% of the total area shall be developed as green belt.
- (xv) The company shall harvest surface as well as rainwater from the rooftops of the buildings proposed in the expansion project and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.

#### B. GENERAL CONDITIONS:

- i. The project authorities must strictly adhere to the stipulations made by the concerned State Pollution Control Board and the State Government.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.
- iii. Regular Ambient Air Quality Monitoring shall be carried out. The monitoring stations will be set up in consultation with the SPCB. At least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of SPM, SO<sub>2</sub> and NO<sub>x</sub> are anticipated in consultation with the SPCB. It will be ensured that at least one monitoring station is set up in up-wind & in down-wind direction along with those in other directions. On-line data for air emissions shall be transferred to the CPCB and SPCB once in six months. The instruments used for ambient air quality monitoring shall be calibrated regularly.

Contd.





- iv. Industrial wastewater shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19<sup>th</sup> May 1993 and 31<sup>st</sup> December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.
- v. The overall noise levels in and around the plant area shall be limited within the prescribed standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
- vi. Proper House keeping and adequate occupational health programs shall be taken up. Regular Occupational Health Surveillance Programme for the employees and contract workers shall be carried as per the Factories Act and records shall be maintained properly for at least 30-40 years.
- vii. A separate environment management cell with full fledged laboratory facilities to carry out various management and monitoring functions shall be set up under the control of a Senior Executive.
- viii. Adequate funds shall be earmarked for the environmental protection measures and shall be used judiciously to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. The funds so provided shall not be diverted for any other purpose.
- ix. The concerned Regional Office of this Ministry /SPCB/ Central Pollution Control Board shall monitor the implementation of the stipulated conditions. Six monthly compliance status report and monitoring data along with statistical interpretation shall be submitted to them regularly. Six Monthly compliance report shall be displayed by the Proponent at its web-site.
- x. The Project Proponent should advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry and Forests at <http://envfor.nic.in>. The advertisement should be made within 7 days from the date of issue of the clearance letter and a copy of the same should be forwarded to the Ministry's Regional Office at Bhopal.
- xi. The Project Authorities shall inform the Regional Office as well as the Ministry the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.

Contd.



5. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

6. The Ministry reserves the right to stipulate additional conditions if found necessary. The company will implement these conditions in a time bound manner.

7. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, Environment (Protection) Act, 1986, Public Liability Insurance Act, 1991, Hazardous Waste (Management & Handling) Rules, 1989 and Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 along with their amendments and rules.

  
(Sanchita Jindal)  
Additional Director

Copy to:

1. The Secretary, Environment & Forests Department, Government of Orissa, Bhubaneswar- 751 001, Orissa.
2. Chief Conservator of Forests, Ministry of Environment & Forests, Regional Office (EZ), A/3, Chandra Shekharpur, Bhubaneswar- 751 023, Orissa.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Chairman, Orissa State Pollution Control Board, A-118, Nilkantha Nagar, Unit-8, Bhubaneswar- 751 012, Orissa.
5. Monitoring Cell, Ministry of Environment and Forests, Parivaran Bhavan, CGO Complex, New Delhi.
6. Guard File
7. Monitoring File
8. Record File.

(Sanchita Jindal)  
Additional Director



भारत सरकार  
पर्यावरण एवं वन मंत्रालय  
GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT & FORESTS BY SPEED POST

Telefax: 011-24360488  
E-mail: sansomj@gmail.com  
sansom\_2859@yahoo.co.in

File No. J-11011/169/2006-IA-II (I)

Date: 28<sup>th</sup> June 2007

To,

Shri Mahesh Kumar Agrawal  
Managing director  
Shree Metaliks Limited  
Gurudwara Road  
Barbil, Keonjhar  
Orissa

Subject: Modernization of Sponge Iron Plant by way of Waste Heat Recovery Boiler and No Increase in Pollution Load Basis at Loidapada, Guali, Keonjhar, Orissa by M/s Sree Metaliks Ltd. - TORs Regarding.

Sir,

Kindly refer to your application No. SML/EC/MoEF/2007 dated 24<sup>th</sup> January 2007 seeking environmental clearance for the above-mentioned project.

2. The Ministry of Environment and Forests has examined the proposal. It is noted that proposed project is for Modernization of existing Sponge Iron manufacturing plant (DRI) at Loidapada, near Barbil in Guali, Keonjhar, Orissa by installing a Waste Heat Recovery Boiler for producing 20 MW Power for Captive use. The existing kilns are connected to waste heat recovery boilers and producing 8 MW of Power for its captive consumption. The flue gases generated from the present 300 TPD kiln will be utilized for energy production. A 38 TPH capacity WHRB will be installed to generate 9.7 MW. In addition, an AFBC Boiler of 41 TPH will also be installed to utilize the char and coal fines generated from the Sponge Iron Plant. The power thus available will be utilized for captive consumption. The modernization will be undertaken at the existing site and no tree felling is involved.

3. The Project was received under EIA Notification, 2006. The Project activity is listed at 3(a) in the Schedule of EIA Notification 2006 and attracts the provisions under Para 2 (ii) of this Notification.

4. Based on the information submitted by you, the Ministry of Environment and Forests hereby accords environmental clearance to the above project under the



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पर्यावरण भवन, सी.जी.ओ. कॉम्प्लेक्स, लोदी रोड, नई दिल्ली - 110 003  
PARIVARAN BHAWAN, C.G.O. COMPLEX, LODHI ROAD, NEW DELHI - 110 003



provisions of EIA Notification, 2006, subject to the compliance of the following Specific and General conditions:

A. SPECIFIC CONDITIONS:

- (i) The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19<sup>th</sup> May, 1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location. At no time the emission level shall go beyond the prescribed standards. On-line Continuous monitoring system for particulate emissions, SO<sub>2</sub> and NO<sub>x</sub> shall be provided with sponge iron unit and CPP and shall make necessary arrangements for submission of On-line real time emission data to CPCB website. Interlocking facility shall be provided between pollution control equipment and the process operation so that in the event of the pollution control equipment not working, the respective unit (s) is shut down automatically.
- (ii) The environmental standards and guidelines prescribed by CPCB for sponge iron plants shall be followed.
- (iii) The modernization project will reduce particulate emission load by 78 % and solid waste by 48%. There will be no additional pollution source from the proposed new units of CPP.
- (iv) AFBC boiler will be based on Char and Coal fines. Air emissions from the boiler will be controlled using ESPs to limit the SPM to 50 mg/Nm<sup>3</sup>. Height of the Stack will be as per the prevailing norms.
- (v) In plant control measures for checking fugitive emissions from all the vulnerable sources like spillage/raw materials/coal handlings etc. shall be provided. Further; specific measures like provision of dust extraction and suppression system consisting of water sprinkling, suction hoods, fans, cyclones, bag filters, ventury scrubber etc. shall be installed at material transfer points, furnace stock house and other enclosed raw material handling areas. Centralized de-dusting system i.e. collection of fugitive emissions through suction hood and subsequent treatment through bag filter or any other device and finally emitted through a stack of appropriately designed height, as prescribed above, shall be provided for kiln and waste heat recovery boiler.
- (vi) Fugitive emissions, especially in the work zone area shall be regularly monitored and records be maintained as per CPCB guidelines.
- (vii) Raw material will be stored in covered yards. Water sprinkling arrangement should be made in the raw material stock yard to control fugitive emissions.



Materials will be transported in tippers, covered trucks, covered containers, covered rail wagons etc.

- (viii) Windbreakers will be installed to restrict fugitive dust.
- (ix) The total water requirement will not exceed than 241 m<sup>3</sup>/hr.
- (x) There will be no wastewater discharge from the unit and 'Zero' discharge shall be followed strictly.
- (xi) Char produced from the DRI kiln and Coal rejects and fines will be utilized in AFBC Boiler. Coal Washery Rejects and Fines will be stored in the premises for use in the AFBC Boiler. These will be stored properly to avoid any fugitive dust and impact to the environment.
- (xii) The fly ash shall be utilized by making bricks for which an additional brick manufacturing unit will be installed. Fly ash utilization shall be as per the Fly Ash Utilization Notification of the Ministry.
- (xiii) Acoustic enclosures will be installed to limit the noise levels below 85 dBA.
- (xiv) Minimum Cycle of Concentration (COG) for the CPP will be 5.0.
- (xv) 33% of the total area shall be developed as green belt.
- (xvi) The company shall harvest surface as well as rainwater from the rooftops of the buildings proposed in the expansion project and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.

**B. GENERAL CONDITIONS:**

- i. The project authorities must strictly adhere to the stipulations made by the concerned State Pollution Control Board and the State Government.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.
- iii. Regular Ambient Air Quality Monitoring shall be carried out. The monitoring stations will be set up in consultation with the SPCB. At least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of SPM, SO<sub>2</sub> and NO<sub>x</sub> are anticipated in consultation with the SPCB. It will be ensured that at least one monitoring station is set up in up-wind & in down-wind direction along with those in other directions. On-line data for air emissions shall be transferred to the





CPCB and SPCB once in six months. The instruments used for ambient air quality monitoring shall be calibrated regularly.

- iv. Adequate number of influent and effluent quality monitoring stations shall be set up in consultation with the SPCB. Regular monitoring shall be carried out for relevant parameters.
- v. Industrial wastewater shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19<sup>th</sup> May 1993 and 31<sup>st</sup> December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.
- vi. The overall noise levels in and around the plant area shall be limited within the prescribed standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
- vii. Proper House keeping and adequate occupational health programs shall be taken up. Regular Occupational Health Surveillance Programme for the employees and contract workers shall be carried as per the Factories Act and records shall be maintained properly for at least 30-40 years.
- viii. A separate environment management cell with full fledged laboratory facilities to carry out various management and monitoring functions shall be set up under the control of a Senior Executive.
- ix. Rs. 07.00 Crores shall be earmarked for the environmental protection measures and shall be used judiciously to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. The funds so provided shall not be diverted for any other purpose.
- x. The concerned Regional Office of this Ministry /SPCB/ Central Pollution Control Board shall monitor the implementation of the stipulated conditions. Six monthly compliance status report and monitoring data along with statistical interpretation shall be submitted to them regularly.
- xi. The Project Proponent should advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry and Forests at <http://envfor.nic.in>. The advertisement should be made within 7 days from the date of issue of the clearance letter and a copy of the same should be forwarded to the Ministry's Regional Office at Bhopal.



- xii. The Project Authorities shall inform the Regional Office as well as the Ministry the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.
6. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
7. The Ministry reserves the right to stipulate additional conditions if found necessary. The company will implement these conditions in a time bound manner.
8. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991, Hazardous Waste (Management & Handling) Rules, 1989 and Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 along with their amendments and rules.

  
(Sanchita Jindal)  
Additional Director

Copy to :

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4. The Chairman, Orissa State Pollution Control Board, A-118, Nilkantha Nagar, Unit-8, Bhubaneswar- 751 012, Orissa.
5. Joint Secretary (CCI-I) Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
7. Guard File/Monitoring File/Record File.

(Sanchita Jindal)  
Additional Director