

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.


 Signature of User Agency Director