



# Rungta Mines Limited

(KAMANDA STEEL PLANT)

MAIN ROAD, BARBIL - 758035, DIST.- KENDUJHAR, ODISHA, INDIA

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## JUSTIFICATION

Kamanda Steel Plant of M/s-Rungta Mines limited is an integrated steel unit having captive power plant. The existing plant is now proposed for expansion of its Steel production capacity as well as the power plant. For smooth operation of the Captive Power Plant, it requires to nullify the 7<sup>th</sup> & 13<sup>th</sup> harmonics by connecting to the Grid system with infinite bus.

For this, the user agency has proposed to construct a 132 KV transmission line from 132/33 KV Grid Substation at Barbil, District Keonjhar to Kamanda Steel plant at village Kamanda in Sundargarh district. The total length of the transmission line is 30.412 KM which is covering a total length of 23.485 km in Keonjhar Division + 6.927 km in Bonai Division. The technical Sanction order issued by OPTCL for construction of the 132 KV over head transmission line from Barbil Grid to the Captive Power Plant of M/s Rungta Mines Limited at Kamanda village in Sundargarh district is enclosed as **Annexure-I**. The Topo Map showing the alignment of Transmission line is enclosed as **Annexure-II**.

In this context, the Stage-I approval has been obtained vide F. No 5-ORC418/2020-BHU dt 25.06.2020 for Diversion of 35.507 Ha forest land (31.806 Ha of forest land under Keonjhar Division & 3.701 Ha of forest land under Bonai Division) for construction of 132 KV transmission line from 132/33KV OPTCL Grid Station at Barbil, Keonjhar district to Kamanda Steel plant of M/s Rungta Mines Ltd. in village Kamanda in Sundargarh District, Odisha.

Part of the proposed 132KV transmission line, (6.353 KM length) is passing through the existing mining lease owned by other lessees. So the user agency has now proposed to change the part alignment of the transmission line along the ROW of NH 520(earlier NH-215), inside RCC trench (1mtr width x 1.5mtr depth) along the NH-520 utility corridor (6.353 Km) and through the road that will be constructed by the user agency from NH-520 to Kamanda Steel Plant of M/S Rungta Mines Ltd (0.398km). The user agency has also obtained Stage-II Clearance from MoEF & CC, vide letter No5-ORB389/2019-BHU, dated 23.03.2020 for diversion of 0.28 ha of forest land in Bonai Forest Division for construction of approach road from NH-520 to Kamanda Steel Plant of M/S Rungta Mines Ltd. Copy enclosed as **Annexure-III**. The user agency has also obtained the NOC from NHA vide letter No. NHA/PIU/RKL/ Access Permission /NH-215/ /5862/2021 dated 11/108/2021 for laying of underground power cable line in the RoW(Utility corridor). Copy enclosed as **Annexure-IV**.

The power cable line in NH utility corridor will pass from Tower No-87 in Village Topadihi to Tower No-92 in Village Nuagaon ( length 3.013 Km ) in Keonjhar district and from Tower No-106 in village Rengalbeda, through Kasira & Kusumdihi villages in Bonai forest division of sundargarh District( Length 3.340 km along the ROW of NH-520 + 0.398 KM along the ROW of the approach road that is from NH-520 to Kamanda Steel Plant of M/S Rungta Mines Ltd). In kusumdihi Village the underground cable will finally pass through the ROW of the approach road constructed by M/s Rungta Mines limited (diverted 0.28 Ha forest land) from NH-520 to Kamanda Steel Plant of M/S Rungta Mines Ltd .Topo map showing the





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alignment of the layout of the underground cable along the NH-520 utility Corridor as well as the RoW of approach road from junction of NH-520 to Kamanda Steel plant is enclosed as **Annexure-II**.

For laying the underground cable 0.113 Ha forest land (length 1.130Km) & 0.1883 Ha non forest land (length 1.883Km) that is total 0.3013 Ha (length 3.013 Km) in Keonjhar District, and 0.068 Ha forest land (length 0.680 Km) & 0.3058 Ha non forest land (length 3.058km) that is total 0.3738 Ha (length 3.738 Km) in Sundargarh District along the NH-520 RoW utility Corridor and the ROW of the approach road from NH-520 to Kamanda Steel Plant of M/S Rungta Mines Ltd will be utilised.

Division wise breakup of the forest and Non-forest land involved in the re- diversion proposal is as follows:

DIVISION WISE BREAK UP OF FOREST AND NON FOREST LAND							
Division	Location/Site	FOREST AREA (HA)	Non-Forest Area (Ha)	Total Area (Ha)	Length of Trench (Km)		
					Forest	Non-Forest	Total
Keonjhar	ROW of NHAI	0.113	0.1883	0.3013	1.1300	1.8830	3.0130
Bonai	ROW of NHAI	0.058	0.2760	0.3340	0.5800	2.7600	3.3400
	ROW of connecting road from NHAI to Kamanda Steel Plant of M/s Rungta Mines Limited	0.010	0.0298	0.0398	0.1000	0.2980	0.3980
Grand total		0.181	0.4941	0.6751	1.8100	4.941	6.7510

The Proposed Underground Cable will be laid 1.5 meter beneath the ground surface, having a strip of 1M wide throughout the ROW alignment/Utility corridor. The cross sectional view of the RCC Cable trench is enclosed as **Annexure-V**.

After laying the Underground Cable, the affected area will be restored to its original condition and returned to the respective road owning authority for prompt resumption of surface land uses as before.



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It is imperative to mention here that the said alignment of the forest land does not form part of National park/Wild life sanctuary or habitat of any endangered or threatened species of flora and fauna.

Therefore, for laying underground cable along the ROW of NH 520(earlier NH-215) and ROW of the approach road from NH-520 to Kamanda Steel Plant of M/S Rungta Mines Ltd, re-diversion of 0.181 Ha forest land (0.113 Ha along RoW of NHAI in Keonjhar District + 0.058 Ha along RoW of NHAI in Sundargarh District + 0.01 Ha along RoW of connecting road of M/s Rungta Mines Limited from NH-520 to Kamanda Steel Plant) within Keonjhar and Bonai Forest Division of Keonjhar and Sundargarh Districts, as per Para 5.6 of the comprehensive Guidelines issued on 28.03.2019 for change in land use pattern may kindly be accorded under Section 2(ii) of F.C. Act 1980.

**For Rungta Mines Limited**

**Authorised signatory**