



ANNEXURE - I

(e-Auction EASS-02/2023-24)

(Auction date for e-Auction for Silica Sand on 31.05.2023)

MATERIAL LIST

FOR THE SALE OF Silica Sand AT NLCIL'S MINE-I SITE: NEYVELI, TAMIL NADU

Location	Description of Material	Quantity	Basis of Sale	Royalty & GST
Mine-I Site Neyveli	Sale of Silica Sand on "as is where is and no complaint basis only"	5,000 Tonnes	Rate per Tonne	Royalty/Seigniorage Fee Rs. 120 per tonne, DMF @ 30 % on Royalty/Seigniorage Fee , Green Fund @10% on Royalty/Seigniorage Fee (for Intra-State Sale) OR Green Fund @20% on Royalty/Seigniorage Fee (for Inter-State Sale), GST on RCM basis @ 18% on Royalty/Seigniorage Fee, DMF & Green Fund, CGST @ 2.5%, SGST @ 2.5%,

The approximate properties of the Silica Sand are given below. These properties may vary depending upon the Mining strata.

S.NO	CHEMICAL PROPERTICES	GENERAL RANGE (Weight In %)
1	Loss on ignition	1.00 - 5.00
2	Silica as SiO ₂	84.00 - 93.00
3	Iron as Fe ₂ O ₃	0.30 - 1.80
4	Alumina as Al ₂ O ₃	2.00 - 8.00
5	Calcium as CaO	1.00 - 3.00
6	Magnesium as MgO	0.30 - 1.50
7	Sulphur as SO ₃	0.44 - 2.00
8	Sodium as Na ₂ O	0.03 - 0.07
	PHYSICAL PROPERTIES (Without washing)	
1	Bulk Density (gm/cc)	1.32 - 1.56
2	Quantity recoverable by sieving	Between (+) 1.18 to (+) 0.15
	Mesh size is around 90% (Depending on availability, the property may vary)	