



ANNEXURE - I

(e-Auction EASS-19/2024-25)

(Auction date for e-Auction for Silica Sand on 09.07.2024)

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" | 25,000 Tonnes | Rate per Tonne | Royalty/Seigniorage Fee Rs. 160 per tonne, DMF @ 30 % on Royalty/Seigniorage Fee , Green Fund @10% on Royalty/Seigniorage Fee (for Intra-State Sale) OR Green Fund @50% 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 in MINE-I are given below. These properties may vary depending upon the Mining strata.

| S.NO | CHEMICAL PROPERTIES | 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) | |