



# NLC INDIA LIMITED

(formerly Neyveli Lignite Corporation Limited)  
("NAVRATNA" - A Government of India Enterprise)

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## **Sale of RAW LIGNITE, SILICA SAND AND BALL CLAY through e-Auction**

The following e-Auctions for the sale of (A) Raw Lignite (B) Silica Sand and (C) Ball Clay will be conducted by M/s. MSTC Limited, Chennai on "as-is-where-is and no complaint basis only" as detailed below.

Product	E-Auction No.	Date	Buyer /User	Qty / Tonnes	Location / Unit
Raw Lignite	EARL-14	26.09.2017	Any Big Buyer/User or their authorized agents	5,00,000	Mine-IA
	EARL-15		Any Small Buyer/User or their authorized agents	50,000	
	EARL-16	12.10.2017	Any Big Buyer/User or their authorized agents	5,00,000	
	EARL-17		Any Small Buyer/User or their authorized agents	50,000	
Silica Sand	EASS-13	24.10.2017	All users/Buyers	25,000	Mine-I
	EASS-14			10,000	Mine-II
Ball Clay	EABC-08	24.10.2017	All users/Buyers	25,000	Mine-I

### **A. RAW LIGNITE SPECIFICATION**

The approximate properties of the Raw Lignite are given bellow. These properties may vary depending upon the Mining strata.

#### **Physical properties of Raw lignite:**

Colour	Brown to Dark Brown
Bulk Density (loose)	0.85 to 0.95 gram/cc
Size at Bunker	Fine to 30 cm (Normal lump forms)

#### **Proximate Analysis of Raw lignite:**

Constituents	Quality Range
Moisture	46 to 56 %
Ash	3 to 12 %
Volatile Matter	21 to 26 %
Fixed Carbon	17 to 22.5 %
Calorific value	2460 to 2970 K Cal/Kg
Sulphur	0.5 - 1.2%

**The latest price structure of Raw Lignite on “as-is-where-is and no complaint basis only” Ex-Mines,  
(Mine-IA), NLCIL, Neyveli**

Sl. No.	Details	Rate/Ton (Rs.)	Total Value (Rs.)
1	Basic Cost of the Material	1700.00	1700.00
2	Royalty @ 6% on Basic Cost		102.00
3	DMFT @ 30 % on Royalty		30.60
4	NMET @ 2 % on Royalty		2.04
5	CGST @ 2.5 % on (Sl. No.1 to 4)		45.87
6	SGST @ 2.5 % on (Sl. No.1 to 4)		45.87
7	GST Compensation cess		400.00
8	IT @1% on Sl. No.1 to 7 (with Form-27C)		0.00
<b>Total</b>			<b>2326.38</b>

**The loading and transportation of Raw Lignite has to be arranged by the buyer at their own cost.**

**B. SILICA SAND SPECIFICATION FOR MINE-I**

The approximate property of the Silica sand is given below. These properties may vary depending upon the Mining strata.

**Physical Analysis (Without washing)**

Bulk Density: 1.5 gm/cc.

Quantity recoverable by sieving: Between (+) 1.18 to (+) 0.15 Mesh size is around 90%. (Depending on availability, the properties may vary).

CHEMICAL ANALYSIS	Weight in %
Loss on Ignition	1.93-3.29
Silica as SiO <sub>2</sub>	87.99-92.31
Iron as Fe <sub>2</sub> O <sub>3</sub>	0.32-1.60
Aluminium as Al <sub>2</sub> O <sub>3</sub>	1.47-5.66
Calcium as CaO	0.98-2.22
Magnesium MgO	0.35-0.79
Sulphur as SO <sub>3</sub>	0.64-2.81
Sodium as Na <sub>2</sub> O	0.03-0.07
Potassium as K <sub>2</sub> O	0.01-0.01

**The latest price structure of Silica Sand on “as is where is and no complaint basis only” Ex-Mines,  
(Mine-I), NLCIL, Neyveli**

Sl.No.	Details	Rate/ Tonne (Rs.)	Total Value (Rs.)
1	Basic Cost of the Material	560.00	560.00
2	Royalty @ Rs.120/- Per Tonne		120.00
3	CGST @ 2.5 %		17.00
4	SGST @ 2.5 %		17.00
<b>Total</b>			<b>714.00</b>

**The loading and transportation of Silica Sand has to be arranged by the buyers at their own cost.**

**Note:**“For the auctioned quantity of Silica sand, the customers are liable to remit applicable percentage of amount in Royalty towards District Mineral Foundation Trust (DMFT) as soon as it is declared by the Govt. of Tamil Nadu.”

### SILICA SAND SPECIFICATION FOR MINE-II

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

#### **Physical Analysis (Without washing)**

Bulk Density: 1.49 gm/cc.

Quantity recoverable by sieving: Between (+) 1.18 to (+) 0.075 Mesh size is around 90%. (Depending on availability, the properties may vary).

<b>CHEMICAL ANALYSIS</b>	<b>Weight in %</b>
Loss on Ignition	2.82 to 11.00
Silica as SiO <sub>2</sub>	70.00 to 83.00
Iron as Fe <sub>2</sub> O <sub>3</sub>	2.93 to 3.17
Aluminum as Al <sub>2</sub> O <sub>3</sub>	5.87 to 10.91
Calcium as CaO	1.61 to 2.22
Magnesium MgO	0.38 to 0.79
Sulphur as SO <sub>3</sub>	1.05 to 2.38
Sodium as Na <sub>2</sub> O	0.03 to 0.05
Potassium as K <sub>2</sub> O	0.0001 to 0.01

**The latest price structure of Silica Sand on “as is where is and no complaint basis only” Ex-Mines, (Mine-II), NLCIL, Neyveli**

<b>Sl.No.</b>	<b>Details</b>	<b>Rate/ Tonne (Rs.)</b>	<b>Total Value (Rs.)</b>
1	Basic Cost of the Material	480.00	480.00
2	Royalty @ Rs.120/- Per Tonne		120.00
3	CGST @ 2.5 %		15.00
4	SGST @ 2.5 %		15.00
<b>Total</b>			<b>630.00</b>

**The loading and transportation of Silica Sand has to be arranged by the buyers at their own cost.**

**Note:**“For the auctioned quantity of Silica sand, the customers are liable to remit applicable percentage of amount in Royalty towards District Mineral Foundation Trust (DMFT) as soon as it is declared by the Govt. of Tamil Nadu.”

### C. BALL CLAY SPECIFICATION

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

<b>CHEMICAL SPECIFICATION</b>	<b>% By Mass</b>
Loss on Ignition	13-17
Silica as SiO <sub>2</sub>	43-54
Alumina as Al <sub>2</sub> O <sub>3</sub>	27-30
Iron as Fe <sub>2</sub> O <sub>3</sub>	1.2-1.6
Titania as TiO <sub>2</sub>	0.75-1.5
Calcium as CaO	0.9-1.4
Magnesium as MgO	0.9-1.4

PHYSICAL SPECIFICATION	Results
Bulk density gm/cc	1.3-1.5
Specific Gravity	2.2-2.5
Liquid Limit %	40-63
Plastic Limit %	30-50
Atterberg No.	14-25
Dry Linear Shrinkage %	5-8
Water of Plasticity %	35-54

**The latest price structure of Ball Clay on ‘as-is-where-is and no complaint basis only” Ex-Mines, (Mine-I) NLCIL, Neyveli**

Sl.No.	Details	Rate/ Tonne (Rs.)	Total Value (Rs.)
1	Basic Cost of the Material	710.00	710.00
2	Royalty @ Rs.70/- Per Tonne		70.00
3	CGST @ 2.5 %		19.50
4	SGST @ 2.5 %		19.50
<b>Total</b>			<b>819.00</b>

**The loading and transportation of Ball Clay has to be arranged by the buyer at their own cost.**

**Note:** “For the auctioned quantity of Ball Clay, the customers are liable to remit applicable percentage of amount in Royalty towards District Mineral Foundation Trust (DMFT) as soon as it is declared by the Govt. of Tamil Nadu.”

The consumers, who are interested to participate in the e-Auction, may register online at [www.mstcecommerce.com](http://www.mstcecommerce.com)

**You may also contact**

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**GM/Sales & Marketing**