



# 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-18       | 27.10.2017 | Any Big Buyer/User or their authorized agents   | 5,00,000     | Mine-IA         |
|             | EARL-20       | 14.11.2017 |   |              |                 |
|             | EARL-22       | 29.11.2017 |   |              |                 |
|             | EARL-19       | 27.10.2017 | Any Small Buyer/User or their authorized agents | 50,000       |                 |
|             | EARL-21       | 14.11.2017 |   |              |                 |
|             | EARL-23       | 29.11.2017 |   |              |                 |
| Silica Sand | EASS-15       | 21.11.2017 | All users/Buyers                                | 25,000       | Mine-I          |
| Ball Clay   | EABC-09       | 21.11.2017 | All users/Buyers                                | 25,000       | Mine-I          |

## **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.”

### **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          |
| <b>PHYSICAL SPECIFICATION</b>             | <b>Results</b>   |
| 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**

| <b>Sl.No.</b> | <b>Details</b>              | <b>Rate/ Tonne (Rs.)</b> | <b>Total Value (Rs.)</b> |
|---------------|-----------------------------|--------------------------|--------------------------|
| 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**