

TENDER

(NIT NO. TA/TCL/**36**/19-20)

FOR

**FIXING OF BARRICADES AND OTHER
MISCELLANEOUS WORK FOR GROUND
PREPARATION ON VARIOUS
OCCASIONS IN BHEL TOWNSHIP.**

PRICE BID

SECTION - VI



**TOWNSHIP CIVIL MAINTENANCE
BHARAT HEAVY ELECTRICALS LIMITED**

**(A Government of India Undertaking)
BHOPAL - 462 022 (M.P)**

PREAMBLE OF PRICE BID

1.0. This Price Bid consists of three Schedules:

1.1 Schedule A

Schedule A consists of single Annexure:

- 1) Annexure-I includes items based on DSR-2012, Rate analysis & previous work order.

Bidders are requested to quote their rates in Percentage above/below/at Par for Annexure-I.

1.2 Schedule B

Schedule B gives the details of free issue materials given by BHEL.

1.3 Schedule C

Schedule C gives the details of Tools & Tackles provided by BHEL on Chargeable Basis.

- 2.0 The work to be carried out under the contract shall, except as otherwise provided in tender conditions, include all labour, materials, tools, plant, equipment, and transport which may be required in preparation of and for full & entire execution and completion of the Works. The descriptions given in the Schedule of Quantities shall, unless otherwise stated, be held to include waste on materials, carriage and cartage, carrying in return of empties, hoisting, setting, fitting and fixing in position and all other labours necessary in and for the full and entire execution and completion as aforesaid in accordance with good practice and recognized principles as laid down in Technical Specification & elsewhere in Tender Specification.
- 3.0 The price bid should not contain any condition. Conditional price Bids shall be summarily rejected.
- 4.0 The bidder should not leave any column blank in Price Schedules.
- 5.0 Price Quoted shall include all taxes, & duties except GST.
- 6.0 **Unless otherwise specified in the items involving cement or reinforcement steel, these items shall be issued free of cost by BHEL.**

**TOWNSHIP CIVIL MAINT. & CONST. DIVISION****SCHEDULE 'A'****Annexure: I**

Name of work : Fixing of barricades and other miscellaneous work for ground preparation on various occasions in BHEL Township.

| S.No | It. Code | Description of items | Qty. | Unit | Rate | Amount |
|------|------------|---|-----------|---------|---------|-------------|
| 1 | 2.28.1 | Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m: | | | | |
| | | All kinds of soil. | 12,000.00 | 100 Sqm | 935.25 | 1,12,230.00 |
| 2 | | Excavating holes more than 0.10 cum & upto 0.5 cum including getting out the excavated soil, then returning the soil as required in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc., disposing of surplus excavated soil; as directed within a lead of 50 m and lift upto 1.5 m: | | | | |
| | 2.30.1 | All kinds of soil | 500.00 | each | 41.60 | 20,800.00 |
| 3 | 2.32 | Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared. | | | | |
| | | | 17,000.00 | 100 Sqm | 247.00 | 41,990.00 |
| 4 | | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: | | | | |
| | 4.1.8 RA | 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size). | 5.00 | cum | 2528.82 | 12,644.10 |
| 5 | | Finishing walls with Acrylic Smooth exterior paint of required shade : | | | | |
| | 14.66.1 RA | Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface). | 800.00 | Sqm | 43.02 | 34,416.00 |
| | | Make of paint -Asian / Nerolac/ Berger / AkzoNobel (i.e. Dulux). | | | | |
| 6 | | Dismantling and stacking within 50 metres lead, fencing posts or struts including all earth work and dismantling of concrete etc. in base of: | | | | |
| | 15.34.1 | 'T' or 'L' iron or pipe | 500.00 | each | 76.00 | 38,000.00 |

| | | | | | | |
|----|---------------------------------------|---|----------|------|---------|-----------|
| 7 | | Supplying and stacking at site: | | | | |
| a) | 16.3.9 | Good earth (Hard / Soft Copra) | 15.00 | cum | 260.70 | 3,910.50 |
| b) | 16.3.10 RA | Moorum | 30.00 | Cum | 599.53 | 17,985.90 |
| c) | 16.3.10 RA | Supplying and stacking at site: | | | | |
| | | Stone Dust | 5.00 | cum | 1124.98 | 5,624.90 |
| 8 | 16.6.1 RA | Spreading 6 mm thick red bajari / moorum / copra / stone dust, rolling complete including preparation of the surface. (Excluding the cost of bajri/ moorum/copra). With road roller / hand roller. | 800.00 | sqm | 4.77 | 3,816.00 |
| 9 | 16.20 RA | Welded steel wire fabric fencing with posts of specified material and of standard design placed and embedded in cement concrete blocks 45x45x 60 cm of mix 1:5:10 (1 cement:5 fine sand : 10 graded stone aggregate 40 mm nominal size), every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and struts embedded in cement concrete blocks 70x45x50 cm of the same mix, provided with welded steel wire fabric fixed between the posts fitted and fixed with G.I. staples on wooden plugs or tied to 6 mm bar nibs with G.I. binding wire. | 1,100.00 | sqm | 20.64 | 22,704.00 |
| | | Note 1:- The above item is exclusive of cost of posts & welded steel fabric which shall be issued free of cost from BHEL store. | | | | |
| | | Note 2 :- The activities of painting, earthwork in excavation and concrete to be paid separately against respective items. | | | | |
| 10 | 16.6.1 RA | Hiring of Diesel Road Roller 8 to 10 tonne Capacity(includes operating staff, supply of lubricating oil & diesel) for surface preparation & rolling of ground as per direction of the Engineer Incharge. | 12.00 | Day | 2894.86 | 34,738.32 |
| 11 | Non DSR based on WO HR/TCL/18 19/0661 | Erection and dismantling of M.S. Barricading poles 3" dia. in all soils 45 cm deep with hammer and including necessary excavation and tightening of the poles etc. complete. | 2,000.00 | each | 1.60 | 3,200.00 |
| 12 | Non DSR based on WO HR/TCL/18 19/0661 | Fixing of 2" dia M.S. Cross bars 2.4 meters long with M.S. binding wire 18 gauge at both ends in three rows including making bars and line straightening including dismantling the same etc. complete. | 6,000.00 | each | 1.60 | 9,600.00 |

| | | | | | | | |
|-------------------------|---------------------------------------|--|--|-------|------------------|------------------|--------|
| 13 | Non DSR based on WO HR/TCL/18 19/0661 | Dismantling of welded steel wire mesh and stacking within 50 m lead as per instruction of Engineer-in-charge. | 1,200.00 | sqm | 1.33 | 1,596.00 | |
| 14 | Non DSR based on WO HR/TCL/19 20/0085 | Hiring of 3D Model Excavator with loader of make JCB / Escorts / CAT / Mahindra or equivalent including cost of services of operating staff, supply of lubricating oil and diesel for all type of activities and works like earth work, dismantling & demolishing, development of rain water harvesting structures above & below ground level with collection of material, loading of material, building rubbish etc including all running expenses as per the direction of engineer-in-charge. (Work to be executed on different locations in BHEL Township.) | 40.00 | Hours | 556.34 | 22,253.60 | |
| | | | | | | | |
| | | | | | Total Rs. | 385509.32 | |
| | | | | | | | |
| | | | Percentage quoted by the Contractor | % | Above | Below | At Par |
| | | | Percentage quoted by the Contractor in words | | | | |
| | | | | | | | |
| Note :- | | | | | | | |
| | 1) | The contractor shall ensure supply of good quality of material as approved by the Engineer Incharge. In case the material supplied is rejected by the Engineer Incharge, the same will have to be removed/replaced by the contractor at his own cost. | | | | | |
| | 2) | Except for the materials as indicated in Schedule "B" all other required materials will be arranged by the contractor at his own cost. | | | | | |
| | 3) | All the materials except cement as indicated in Schedule "B" shall be issued from Govindpura Civil Maintenance Store/Sports Complex and the agency shall return the same at his own cost at respective places after the function. As for cement, the unconsumed quantity of cement will have to be returned to the department after the function. | | | | | |
| | 4) | For transportation of free issue materials, truck will be provided by the department free of cost. Loading, unloading and returning materials safely to the stores will be done by the contractor at his own cost. | | | | | |
| | 5) | Safe custody of the issued materials at work site will be responsibility of the contractor. | | | | | |
| | 6) | In case of loss of any material which is issued free of cost, the recovery will be made from contractor's bill as indicated in schedule "B". | | | | | |
| | 7) | One road roller shall do a minimum of 1860 sqm consolidation per day of 8 working hours. | | | | | |
| | 8) | Efforts shall be made to avoid deviation in quantity. If quantity deviation is felt necessary, prior approval for the same from competent authority shall be taken. | | | | | |
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| Signature of Contractor | | | | | | | |

SCHEDULE – “B”

Name of work : Fixing of barricades and other miscellaneous work for ground preparation on various occasions in BHEL Township.

The following materials will be free issue from Gadia store/ Sub-division store/ Govindpura Civil Maintenance Store/ Sports Complex:

- | | | | | |
|---|---|--|--|--|
| 1 | M.S. Barricading Pole 3" dia | | | |
| 2 | M.S. Cross bars 2" dia, 2.40 meter long | | | |
| 3 | Fencing posts | | | |
| 4 | Welded steel wire fabric mesh | | | |
| 5 | Cement | | | |

Note: If the contractor fails to return to the department unconsumed portion of total quantities of respective free issue material after completion of work or as and when instructed by Engineer-in-charge, recovery at twice the respective material cost of the item as procured/decided by BHEL shall be made from the contractor's bill(s).

SCHEDULE – “C”

-----NIL-----

Signature of Contractor