

TENDER

(NIT NO. TA/TCL/**29**/21-22)

FOR

**CONSTRUCTION OF PERIPHERAL
BOUNDARY WALL BETWEEN MADHUBAN
PARK AND SHAKTI NAGAR IN BHEL
TOWNSHIP, BHOPAL.**

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 GST Compliant DSR-2012, Rate Analysis & Budgetary offer.

Bidders are requested to quote their rate 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 :- Construction of peripheral boundary wall between Madhuban Park and Shakti Nagar in BHEL Township, Bhopal.

| S.No | It. Code | Description of items | Qty. | Unit | Rate | Amount |
|------|----------|--|----------|--------|----------|-------------|
| 1 | | Carriage of materials by mechanical transport including loading, unloading and stacking etc. | | | | |
| | 1.1.3 | Manure or sludge | 100.00 | Cum | 100.52 | 10,052.00 |
| 2 | | Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50 m and lift upto 1.5 m; disposed earth to be levelled and neatly dressed. | | | | - |
| | 2.6.1 | All kinds of soil | 1,120.00 | Cum | 129.35 | 1,44,872.00 |
| 3 | | Extra rates for quantities of works, executed: | | | | - |
| | 2.24.2 | In or under foul position, including pumping out water as required. (25% of rate of Item Code 2.6.1 i.e. = 25% of Rs.129.35 per Cum= Rs.32.34 per Cum) | 100.00 | Cum | 32.34 | 3,234.00 |
| | | Note for Item Code 2.24:- The extra percentage rate is applicable in respect of each item but limited to quantities of work executed in these difficult conditions. The unit, namely, metre depth, to be considered for payment, shall be the depth measured from the sub soil water level upto the centre of gravity of the quantity executed in difficult conditions. The depth shall be reckoned correct to 0.1 metre. 0.05 metre or more shall be taken as 0.1 metre and less than 0.05 metre ignored. | | | | - |
| 4 | 2.25 | Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations, etc. in layers not exceeding 20 cm in depth : consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5m | 855.00 | Cum | 83.80 | 71,649.00 |
| 5 | | 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: | | | | - |
| | 2.28.1 | All kinds of soil. | 3,000.00 | 100Sqm | 935.25 | 28,057.50 |
| 6 | 2.32 | Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared. | 1,000.00 | 100Sqm | 247.00 | 2,470.00 |
| 7 | | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level: | | | | - |
| | 4.1.6 | 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size). | 115.00 | Cum | 2,533.34 | 2,91,334.10 |

| | | | | | | |
|-----|------------|--|-----------|-----|----------|-------------|
| 8 | 4.15 | Extra for laying concrete in or under water and/or liquid mud including cost of pumping or bailing out water and removing slush etc. complete. | 15.00 | Cum | 325.10 | 4,876.50 |
| | | Note for Item Code 4.15 :- The quantity will be calculated by multiplying the depth measured from the sub-soil water level up to centre of gravity of concrete under sub-soil water level with quantity of concrete in cum executed under subsoil water. The depth of centre of gravity shall be reckoned correct to 0.1m. 0.05m or more shall be taken as 0.1m and less than 0.05m ignored. | | | | - |
| 9 | | Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : | | | | - |
| | 5.1.2 | 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) | 150.00 | Cum | 2,696.15 | 4,04,422.50 |
| 10 | | Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. upto floor five level excluding cost of centring, shuttering, finishing and reinforcement. | | | | - |
| | 5.2.2 | 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) | 175.00 | Cum | 3,337.06 | 5,83,985.50 |
| 11 | | Centring and shuttering including strutting, propping, etc. and removal of form for: | | | | - |
| (a) | 5.9.1 | Foundations, footings, bases of columns, etc. formwork concrete. | 600.00 | Sqm | 155.49 | 93,294.00 |
| (b) | 5.9.2 | Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc. | 1,100.00 | Sqm | 273.95 | 3,01,345.00 |
| (c) | 5.9.6 | Columns, pillars, piers, abutments, posts and struts. | 950.00 | Sqm | 349.52 | 3,32,044.00 |
| 12 | RA 5.22.6/ | Steel Reinforcement for RCC work i/c straightening, cutting, bending, placing in position and binding all complete upto/above plinth level: TMT bars (excluding cost of steel bars) | 21,000.00 | Kg | 7.40 | 1,55,400.00 |
| 13 | 5.31 | Extra for laying reinforced cement concrete in or under water and/ or liquid mud including cost of pumping or bailing out water and removing slush etc., complete. | 10.00 | Cum | 325.10 | 3,251.00 |
| | | Note For Item No. 5.31:- The quantity will be calculated by multiplying the depth measured from the subsoil water level up to the centre of gravity of the R.C.C. under subsoil water with the quantity of R.C.C. in cubic metre executed under subsoil water. The depth of centre of gravity shall be reckoned correct to 0.1 m. 0.05 m or more shall be taken as 0.1 m and less than 0.05 m ignored. No extra payment shall be made for placing reinforcement or centering & shuttering under sub - soil water conditions. | | | | - |
| 14 | | 12 mm cement plaster of mix : | | | | - |
| | 13.4.2 RA | 1:6 (1 cement: 6 coarse sand) | 2,750.00 | Sqm | 99.21 | 2,72,827.50 |
| 15 | | 15 mm cement plaster on the rough side of single or half brick wall of mix | | | | - |
| | 13.5.2 RA | 1:6 (1 cement: 6 fine sand) | 2,950.00 | Sqm | 114.32 | 3,37,244.00 |

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| SCHEDULE – “B” | | | | | | | | |
|---|-----------------------------|--|--|--|--|--|--|--|
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| Name of work :- Construction of peripheral boundary wall between Madhuban Park and Shakti Nagar in BHEL Township, Bhopal. | | | | | | | | |
| | | | | | | | | |
| The following materials will be free issue from Gadia store/ Sub-division store | | | | | | | | |
| 1 | Cement | | | | | | | |
| 2 | Reinforcement Steel/TMT Bar | | | | | | | |
| | | | | | | | | |
| 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-incharge, recovery at twice the respective material cost of the item as procured/decided by BHEL shall be made from the contractor's bill(s). | | | | | | | | |
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| SCHEDULE – “C” | | | | | | | | |
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| Signature of Contractor | | | | | | | | |