

# TENDER

TENDER NOTIFICATION NO. - **FCX/20211009**

FOR

**Renovation and modification of material stacking area  
at south side of block-4 and at other location inside  
factory area.**

**PRICE BID**



**FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION**

**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 Schedule:

### **1.1 Schedule A**

Schedule A consists of **Two** Annexure:

The evaluation currency for this tender shall be INR. Total price of the package combining **Annexure I & Annexure II** to be quoted by the bidders which shall form the basis for comparison for deciding lowest bid. For further processing and award, total quoted amount by the L1 (lowest) bidder for the package shall be used for deriving individual item rate by BHEL based on % (percentage) weightage specified at Annexure I & Annexure II of Price Schedule.

### **1.2 Schedule B**

It consists of details of free issue materials by BHEL.

### **1.3 Schedule C**

It consists of details of tools & tackles provided by BHEL either on higher basis or on free of cost basis which are mentioned in price bid.

**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, reinforcement steel or structural steel, these items shall be issued free of cost by BHEL.

**FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION****Price Schedule**

Name of work: Renovation and modification of material stacking area at south side of block-4 and at other location inside factory area.

**SUMMARY**

|  | Details ANNEXURE  | Total Amount (Rs.) |
|--|---|--------------------|
|  | Total price of the package combining of Annexure-I & Annexure-II. |                    |

Amount in words: Rs.

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The evaluation currency for this tender shall be INR. Total price of the package combining of Annexure-I & Annexure-II to be quoted by the bidders which shall form the basis of comparison for deciding lowest bid.

For further processing & award total quoted Amount for the package by the L1 (lowest) bidder shall be used for deriving Individual item rate by BHEL based on % (percentage) weightage specified at Annexure-I & Annexure-II of Price Schedule.

## FACTORY CIVIL CONSTRUCTION &amp; MAINTENANCE DIVISION

## Price Schedule : Anneuxre - I

Name of work : Renovation and modification of material stacking area at south side of block-4 and at other location inside factory area.

| Sr. No. | Based on DSR' 2012 | Item Description   | Qty.   | Unit | % Weightage of item amount against total amount |
|---------|--------------------|--|--------|------|---|
| 1       |                    | Carriage of material up to 1 km lead by Mechanical transport including, loading, unloading & stacking -  |        |      |   |
|         | 1.1.1              | a) Lime, Moorum, Building rubbish  | 5.00   | cum  | 0.1118  |
|         | 1.1.2              | b) Earth   | 25.00  | cum  | 0.6984  |
| 2       |                    | Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including disposal of excavated earth upto 50 m and lift up to 1.5 m, disposed soil to be levelled and neatly dressed :   |        |      |   |
|         | 2.1.1              | All kinds of soil  | 200.00 | sqm  | 2.5560  |
| 3       | 2.6                | 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 up to 50 m and lift up to 1.5 m; disposed earth to be levelled and neatly dressed. |        |      |   |
|         | 2.6.1              | All kinds of soil.   | 2.00   | cum  | 0.0873  |
| 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 up to 1.5m   | 2.00   | cum  | 0.0566  |
| 5       | **                 | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: <b>(Cement free issue by the Deptt.)</b>   |        |      |   |
|         | 4.1.6              | 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size ).   | 22.50  | cum  | 19.2359   |

## FACTORY CIVIL CONSTRUCTION &amp; MAINTENANCE DIVISION

## Price Schedule : Annexure - I

Name of work : Renovation and modification of material stacking area at south side of block-4 and at other location inside factory area.

| Sr. No. | Based on DSR' 2012 | Item Description   | Qty.    | Unit | % Weightage of item amount against total amount |
|---------|--------------------|--|---------|------|---|
| 6       | **                 | 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. <b>(Cement free issue by the Deptt.)</b> |         |      |   |
|         | 5.1.2              | 1 : 1.5 : 3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).  | 60.00   | cum  | 54.5923   |
| 7       | Ana. 5.22.6        | Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level : <b>(Reinforcement bars will be supplied free of cost from BHEL store)</b> .      |         |      |   |
|         | 5.22A.6            | Thermo-Mechanically Treated bars.  | 1800.00 | Kg   | 4.4951  |
| 8       |                    | Centering and shuttering including strutting, propping, etc. and removal of form for:  |         |      |   |
|         | 5.9.1              | Foundations, footings, bases of columns, etc. for mass concrete.   | 50.00   | sqm  | 2.6238  |
| 9       | **                 | Coursed rubble masonry (second sort) with hard stone in foundation & plinth with <b>(Excluding the cost cement and which shall be supplied free of cost by BHEL):-</b>   |         |      |   |
|         | 7.7.1              | Cement mortar 1:6 ( 1 cement : 6 coarse sand).   | 1.00    | cum  | 0.9296  |
| 10      | **                 | Pointing on stone work with cement mortar 1 : 3 (1 cement : 3 fine sand): <b>(excluding cost of cement which shall be supplied free of cost by BHEL)</b>   |         |      |   |
|         | 13.33.2            | Raised and cut pointing.   | 10.00   | sqm  | 0.6346  |
| 11      |                    | 12 mm cement plaster of mix: <b>(Cement free issue by the Deptt.)</b>  |         |      |   |
|         | 13.4.2             | 1 : 6 (1 cement : 6 coarse sand) .   | 10.00   | sqm  | 0.3347  |

## FACTORY CIVIL CONSTRUCTION &amp; MAINTENANCE DIVISION

## Price Schedule : Anneuxre - I

Name of work : Renovation and modification of material stacking area at south side of block-4 and at other location inside factory area.

| Sr. No. | Based on DSR' 2012 | Item Description   | Qty.   | Unit | % Weightage of item amount against total amount |
|---------|--------------------|--|--------|------|---|
| 12      | 15.3               | Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.  | 1.00   | cum  | 0.3304  |
|         |                    | Dismantling steel work in single sections including dismembering and stacking within 50 metres lead in:  |        |      |   |
| 13      | 15.17.2            | Channels, angles, tees, flats & rails  | 200.00 | kg   | 0.0439  |
|         |                    |  |        |      |   |
| 14      | Ana. 10.2          | Structural steel work in built up sections, trusses and framed work i/c cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. In tees, R.S. joists, angles, flats, channels and Rail <b>(Structural steel, primer free issue from BHEL stores)</b> .  | 100.00 | Kg   | 0.4320  |
|         |                    |  |        |      |   |
| 15      | Ana. 16.1          | Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm. depth(which shall be paid separately) , dressing to camber and consolidating with road roller including making good the undulations, etc. and re-rolling the sub grade and disposal of surplus earth lead upto 50 metres.(Excluding cost of excavation) | 300.00 | sqm  | 0.3442  |

Total : Annexure - I **87.51**

Total : Annexure - I + Annexure II **100.00**

## FACTORY CIVIL CONSTRUCTION &amp; MAINTENANCE DIVISION

## Price Schedule : Anneuxre - II

Name of work : Renovation and modification of material stacking area at south side of block-4 and at other location inside factory area.

| Sr. No.                            | Item Description  | Qty.  | Unit | % Weightage of item amount against total amount |
|------------------------------------|---|-------|------|---|
| 1                                  | Supplying and filling in plinth with stone dust under floors, including watering, ramming, consolidating and dressing complete. | 60.00 | cum  | 12.4936   |
| Total : Annexure - II              |   |       |      | 12.49   |
| Total : Annexure - I + Annexure II |   |       |      | <b>100.00</b>                                   |

**FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION**

**Price Schedule : "B"**

Name of work : Renovation and modification of material stacking area at south side of block-4 and at other location inside factory area.

The following material free issue from BHEL stores.

- 1 Cement
- 2 Red oxide primer
- 3 Str. Steel
- 4 Reinforcement steel

**Price Schedule : "C"**

Name of work : Renovation and modification of material stacking area at south side of block-4 and at other location inside factory area.

NIL

- 1 Electricity charges at Rs.66.00/- per M.T. of fabrication of structural steel

Hire charges.

- i) Drill machine @ 252.00/- per day
- ii) Jack Hammer @108.00/- per day



(Subject to availability)

Drill machine/jack hammer rod Rs. 100.00 per rod