

TENDER

TENDER NOTIFICATION NO. - **FCX/20211022**

FOR

Renovation of MS platform & gates with associated works at blk-4 substation & other area 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 of **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**TENDER NOTIFICATION NO. - FCX/20211022****Price Schedule**

Name of work : Renovation of MS platform & gates with associated works at blk-4 substation & other area 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 & Anneuxre II of Price Schedule.

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION

Price Schedule : Anneuxre - I

Name of work : Renovation of MS platform & gates with associated works at blk-4 substation & other area inside factory area.

| Sr. No. | Based on DSR'12 | Item Description | Qty. | Unit | % Weightage of item amount against total amount |
|---------|-----------------|--|--------|------|---|
| 1 | | Carriage of material by Mechanical transport including, loading, unloading & stacking of.. | | | |
| | 1.1.1 | a) Lime, moorum, building rubbish 1 km lead | 2.00 | cum | 0.0465 |
| | 1.1.2 | b) Earth - 1 Km lead | 2.00 | cum | 0.0581 |
| 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 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. | 6.00 | cum | 0.2719 |
| 3 | | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:(cement which shall be supplied free of cost by BHEL) | | | |
| | 4.1.3 | 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size). | 1.00 | cum | 0.9027 |
| 4 | | Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement - All work upto plinth level. (cement which shall be supplied free of cost by BHEL) | | | |
| | 5.1.2 | 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) | 2.00 | cum | 1.8894 |
| 5 | Ana. 5.22A.6 | Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. (Reinforcement bars will be supplied free of cost from BHEL store). | | | |
| | | Thermo-Mechanically Treated bars. | 100.00 | kg | 0.2593 |

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Price Schedule : Anneuxre - I

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| Sr. No. | Based on DSR'12 | Item Description | Qty. | Unit | % Weightage of item amount against total amount |
|---------|-----------------|--|---------|------|---|
| | | | | | |
| 6 | Ana. 10.2 | Structural steel work riveted ,bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Structural steel & primer will be issued free of cost from BHEL stores). | 4650.00 | Kg | 20.8546 |
| | | | | | |
| 7 | | 12 mm cement plaster of mix: (excluding cost of cement which shall be supplied free of cost by BHEL) | | | |
| | 13.4.2 | 1 : 6 (1 cement : 6 coarse sand) . | 360.00 | sqm | 12.5127 |
| | | | | | |
| 8 | | Distemping with 1st quality acrylic washable distemper (ready made) of approved manufacturer, of required shade and color complete as per Manufacturer's specification. | | | |
| | 13.42.1 | Two or more coats on new work | 210.00 | sqm | 2.6378 |
| | | | | | |
| 9 | | Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface: | | | |
| | 13.43.1 | Water thinnable cement primer. | 210.00 | sqm | 1.8093 |
| | | | | | |
| 10 | | Finishing walls with Acrylic Smooth exterior paint of required shade : | | | |
| | 13.46.1 | New work (Two or more coat applied @ 1.67 ltr/10sqm over and including priming coat of exterior primer @2.20 ltr per 10 sqm) | 210.00 | sqm | 4.5649 |
| | | | | | |
| 11 | | Painting with synthetic enamel paint of approved brand and manufacture to give an even shade. (Paint free issue from BHEL store.) | | | |

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION**Price Schedule : Anneuxre - I**

Name of work : Renovation of MS platform & gates with associated works at blk-4 substation & other area inside factory area.

| Sr. No. | Based on DSR'12 | Item Description | Qty. | Unit | % Weightage of item amount against total amount |
|---------|-----------------|--|--------|------|---|
| | | | | | |
| | Ana. 13.61.1 | Two or more coats on new work. | 150.00 | sqm | 1.8631 |
| | | | | | |
| 12 | | Demolishing cement concrete manually / by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-charge: | | | |
| (a) | 15.2.1 | Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) | 1.00 | cum | 0.2351 |
| (b) | 15.2.2 | Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix) | 1.00 | cum | 0.1449 |
| | | | | | |
| 13 | | Demolishing brick work manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge : | | | |
| | 15.7.4 | In cement mortar. | 1.00 | cum | 0.1985 |
| | | | | | |
| | | Total : Annexure I | | | 48.2488 |

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION**Price Schedule : Anneuxre - II**

Name of work : Renovation of MS platform & gates with associated works at blk-4 substation & other area inside factory area.

| Sr. No. | Item Description | Qty. | Unit | % Weightage of item amount against total amount |
|---------|--|-------|------|---|
| | | | | |
| 1 | Brick work with Ghol bricks of class designation 50 and above in superstructure above plinth level upto floor V level in all shapes and sizes in cement mortar 1:6 (1 cement : 6 coarse sand) : (Cement free issue by the Deptt.) | 16.00 | cum | 32.7764 |
| | | | | |
| 2 | Brick work with Ghol bricks of class designation 50 and above in foundation and plinth in cement mortar 1:6 (1 cement : 6 coarse sand) : (Cement free issue by the Deptt.) | 10.00 | cum | 18.9748 |
| | | | | |
| | Total : Annexure II | | | 51.7512 |
| | Total : Annexure I + Annexure II | | | 100.0000 |

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION

Price Schedule : B

Name of work : Renovation of MS platform & gates with associated works at blk-4 substation & other area inside factory area.

The following material free issue from BHEL stores.

- 1) Cement
- 2) Reinforcement steel
- 3) Structural steel
- 4) Red Oxide Primer
- 5) Synthetic Enamel Paint

Price Schedule : C

Name of work : Renovation of MS platform & gates with associated works at blk-4 substation & other area inside factory area.

- 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