

TENDER

TENDER NOTIFICATION NO. - **FCX/19201006**

FOR

**Rehabilitation of existing steel structures in
Electro Plating shop 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:

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

NIT No: FCX/19201006

Price Schedule

Name of work: Rehabilitation of existing steel structures in Electro Plating shop inside factory area.

SUMMARY

| Details ANNEXURE | Total Amount (Rs.) |
|---------------------------------------|--------------------|
| Total of ANNEXURE (I) & ANNEXURE (II) | |

Amount in words: Rs.

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Total price of the package combining Annexure -I & Annexure -II to be quoted by the bidders which shall form the basis of comparison for deciding low est bid.

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

Seal & Signature of Contractor

Dy.Manager (FCX/PLG)

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION

NIT No: FCX/19201006

Price Schedule A : Annexure I

Name of work: Rehabilitation of existing steel structures in Electro Plating shop inside factory area.

| S.No | Ref. | Description of items | Qty. | Unit | % Weightage of item amount against total amount |
|------------------------------|-----------|---|---------|------|---|
| 1 | 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). | 5000.00 | Kg | 28.4587 |
| 2 | 15 | Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead. | 1000.00 | Kg | 0.6760 |
| 3 | Ana. 12.8 | Fixing non-asbestos high impact Polypropylene reinforced cement 6 mm thick/ Asbestos cement corrugated sheets (as per IS : 14871) roofing up to any pitch and fixing with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. Plain and bitumen washers or with self drilling fastener and EPDM washers etc. complete excluding the cost of purlins, rafters and trusses corrugated sheets and including cutting to size and shape wherever required (Including the cost of fixtures but excluding the cost of sheets which shall be supplied free of cost by BHEL). | 200.00 | sqm | 4.5665 |
| 4 | | Dismantling roofing including ridges, hips valleys and gutters, etc., and stacking the material within 50 metres lead of : | | | |
| | 15.28. | a) G.S. sheet | 100.00 | sqm | 1.9932 |
| | 15.28. | b) Asbestos sheet | 100.00 | sqm | 0.942 |
| Total of ANNEXURE (I) | | | | | 36.6364 |

Seal & Signature of Contractor

Dy.Manager (FCX/PLG)

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION

NIT No: FCX/19201006

Price Schedule A : Annexure II

Name of work: Rehabilitation of existing steel structures in Electro Plating shop inside factory area.

| S.No | Description of items | Qty. | Unit | % Weightage of item amount against total amount |
|------|---|---------|------|---|
| 1 | Cleaning of dust, dirt , cobweb, loosely adhering foreign particles including scrapping of scale etc. i/c all tools and tackels from structural steel members by scrubbing with wire brush or with any other suitable mechanical means such as hand grinder etc., applying one or more coats of suitable primer primer of approved brand and manufacture, followed by two or more coats of suitable paint of approved brand and manufacture of required colour to give an even shade on structural steel members at height upto the 8 mtr to the entire satisfaction of the engineer-in-charge. Paint and primer shall be supplied from BHEL stores free of cost. | 2270.00 | sqm | 63.3636 |
| | | | | |
| | Total of ANNEXURE (II) | | | 63.3636 |
| | Total of ANNEXURE (I) & ANNEXURE (II) | | | 100.0000 |

Note -

- 1 a) The payment for scraping and painting shall be made on the basis of actual surface area painted for all structural members like column, purlins, runner , rain water gutter etc. except the trusses.
- b) For scraping and painting of structural steel trusses, the elevational area shall be paid once only for painting of trusses completely (i.e. On both faces of the trusses).
- 2 The contractor shall bring all the required tools & plants and labourers to carry out the work.
- 3 All the Safety Rules for working at height must be followed including use of required PPEs such as safety helmets, safety belt etc.
- 4 The contractor shall engage only those workers in the work who are appropriately insured as per the statutory requirements .
- 5 All the workmen engaged must be medically fit for working at height .Certificate to this effect obtained from a registered medical practitioner having a minimum of MBBS degree shall be submitted by the contractor to the department.
- 6 Wherever required, proper electric shut down permission shall be obtained in writing from authorised official of the user department and also ensured proper shut down before work.
- 7 Rate shall be inclusive of all taxes/duties/royalties, if applicable but excluding GST.

Seal & Signature of Contractor

Dy.Manager (FCX/PLG)

FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION

NIT No: FCX/19201006

Price Schedule B

Name of work: Rehabilitation of existing steel structures in Electro Plating shop inside factory area.

The following materials free issue from BHEL stores.

- 1 Structural Steel
- 2 A.C Sheet
- 3 Paint & Primer

Seal & Signature of Contractor

Dy.Manager (FCX/PLG)

SCHEDULE 'C'

Name of work: Rehabilitation of existing steel structures in Electro Plating shop inside factory area.

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

Seal & Signature of Contractor

Dy.Manager (FCX/PLG)