

# TENDER

**TENDER NOTIFICATION NO. - FCX/23241009**

FOR

**Renovation & modification of Block-9 (TXM) Traction Motor testing area and 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 **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 & modification of Block-9 (TXM) Traction Motor testing area and 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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**NOTE:**

- 1** 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.
- 2** In case of “discrepancy in words and figures”, the same shall be adjusted in accordance with following rule:
  - (a)** If, in the price structure quoted for the required goods/ services/ works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless in the opinion of the purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly.
  - (b)** If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected.
  - (c)** If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject of (a) and (b) above.
  - (d)** If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date upto which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored.

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

Name of work:- Renovation & modification of Block-9 (TXM) Traction Motor testing area and other area inside factory area.

Sr. No.	Based on DSR' 2012	Item Description	Qty.	Unit	% Weightage of item amount against total amount
1		Carriage of materials by mechanical transport including loading, unloading and stacking -			
	1.1.11	Steel 1 km. lead	1.00	tonne	0.0166
2		Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:			
	13.61.1	Two or more coats on new work.	110.00	sqm	1.5606
3	15.19	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge.	1000.00	kg	0.2968
4		Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of :			
	15.28.1	G.S. sheet	150.00	sqm	1.9378
<b>Total : Annexure I</b>					<b>3.81</b>

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

Name of work:- Renovation & modification of Block-9 (TXM) Traction Motor testing area and other area inside factory area.

Sr. No.	Item Description	Qty.	Unit	% Weightage of item amount against total amount
1	Supply and installation of coated galvalume steel sheet having maximum of pitch of 205 mm c/c and minimum 28 mm crest depth in length for roofing / side cladding as per site requirement. The supplied material is to be manufactured out of 0.50 mm TCT (Total coated thickness) and 550 MPA tensile strength, with zinc aluminium alloy of AZ-150 (As per IS-15961:2012). The sheet shall have a hot dip metallic zinc aluminium alloy coating of zinc (43%), silicon (1.5%) and aluminium (55%) with total mass coating of 150 gms/sqm considering both sides together , self drilling/self tapping screws with EPDM seal fixed to the existing MS purlins/MS runners complete as per drawing and as directed by engineer-in-charge.	250.00	Sqm	52.5351
2	Supply & fixing of flashings, ridges, cappings, corner pieces, North & South Curve etc. made of 0.50 mm TCT (Total coated thickness) galvalume sheet with 550 MPA tensile strength, with zinc aluminium alloy of AZ-150 (As per IS-15961:2012). The sheet shall have a hot dip metallic zinc aluminium alloy coating of zinc (43%), silicon (1.5%) and aluminium (55%) with total mass coating of 150 gms/sqm in required shape & size & fixed with stitching screw complete at a maximum height up to 20.00 m as per the instruction of Engineer-in-charge.			
	Note : Area shall be calculated over Curve/whole surface area.	150.00	Sqm	34.7695

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

Name of work:- Renovation & modification of Block-9 (TXM) Traction Motor testing area and other area inside factory area.

Sr. No.	Item Description	Qty.	Unit	% Weightage of item amount against total amount
3	Providing & fixing in position including fabricating and erecting structural steel works at all heights comprising sag rods floor beams, columns, girders, rails bracings, clamps, purlins with channels & angles, gutters with M.S. Plates, M.S. Flat supports including all connections as per detailed drawings connected steel works etc., cleats, gusset plates all bolts, nuts washers base plates anchor bolts etc., as per detailed drawings cutting welding and painting 2 coats of red oxide primer before erection & 2 coats of synthetic enamel paint of approved brand & colour after erection complete. Advani made electrodes or other approved make electrodes are to be used. All bolts nuts washers, gas, electrodes paints are in contractor's scope. Fabrication to be done as per I. S. Codes of latest revision. Structural Steel will be provided free of cost by BHEL. <b>(Note:- The item includes cost of cutting, threading of sag rods etc.)</b>			
	a) Only fabrication with free issue of Structural Steel by BHEL	1320.00	Kg	5.6567
	b) Only erection	1320.00	Kg	2.7575
	Removal of old tar felt / APP sheet of water proofing treatment of any course from the roof top of storeyed building including disposal of removed materials within 50m lead.	150.00	sqm	0.4694
	<b>Total : Annexure II</b>			<b>96.19</b>
	<b>Total : Annexure I + Annexure II</b>			<b>100.00</b>

**FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION**

**Price Schedule B**

Name of work:- Renovation & modification of Block-9 (TXM) Traction Motor testing area and other area inside factory area.

1 Structural steel	}	<b>free</b>
2 Primer		

**Price Schedule B**

Name of work:- Renovation & modification of Block-9 (TXM) Traction Motor testing area and other area inside factory area.

- |   |   |                           |
|---|---|---------------------------|
| 1 Hire charges.   | } | (Subject to availability) |
| i) Drill machine @ 252.00/- per day   |   |                           |
| ii) Jack Hammer @108.00/- per day   |   |                           |
| 2 Drill machine/jack hammer rod Rs. 100.00 per rod  |   |                           |
| 3 Electricity charges shall be recovered from the contractor @ Rs.66.00/- per M.T. of fabrication of structural steel |   |                           |