



भारत हेवी इलेक्ट्रिकल्स लिमिटेड
(भारत सरकार का उपक्रम)
सेंट्रलाइज्ड स्टेंपिंग एवं फेब्रिकेशन प्लांट
औद्योगिक क्षेत्र जगदीशपुर, जिला- अमेठी (उ०प्र०)-227817

**Tender for Construction of Parking Sheds Foundations,
Punching Bldg Block & Related Works at CS&FP BHEL
Jagdishpur**

Tender Enquiry No: BHE/CS&FP/CVL/17-18/14

**BOQ & Priced Bid
(Section - III)**

This Document shall also consists of following sections: -

- **Annexure PB – I**
- **Annexure PB – II**

BHARAT HEAVY ELECTRICALS LIMITED

(A GOVERNMENT OF INDIA UNDERTAKING)

CS & FP Industrial Area,

Jagdishpur, Amethi (UP) 227817



Centralised Stamping & Fabrication Plant (CS & FP), BHEL Jagdishpur

Name of Work : Construction of Parking Sheds Foundations, Punching Bldg Block & Related Works at CS&FP BHEL Jagdishpur

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Annexure PB - I

Bill of Quantities & Price Schedule

S.No.	DESCRIPTION OF WORK	UNIT	Total Qty	% Weightage of Item Amount against Total Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed. All kinds of soil	Cum.	143.50	2.590
2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum.	109.50	1.973
3	For PCC work P & L in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	Cum.	13.00	8.343
4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum.	1.00	0.681
5	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.Cement mortar 1:4 (1 cement :4 coarse sand)	Sqm.	18.00	1.765
6	12 mm cement plaster of mix1:4 (1 cement: 4 Coarse sand)	Sqm.	71.00	1.840
7	Providing and laying in position grade 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level	Cum	41.00	33.921

Signature BHEL

Signature Bidder



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8	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size).	Cum	5.50	5.826
9	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Foundations, footings, bases of columns, etc. for mass concrete.	Sqm	280.00	7.783
10	Taking Structural steel from BHEL from identified areas and carrying out fabrication work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Structural Steel Shall be provided by BHEL as a Free Issue Material)	Kg.	612.00	1.816
11	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	Kg.	100.00	1.232
12	Providing & placing Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level: Thermo-Mechanically Treated bars	Kg	2542.00	20.620
13	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	Sqm.	14.00	1.494

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Annexure PB - I

Bill of Quantities & Price Schedule

S.No.	DESCRIPTION OF WORK	UNIT	Total Qty	% Weightage of Item Amount against Total Amount
14	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	Sqm.	22.00	2.170
15	Wall painting with acrylic exterior emulsion paint of approved brand and manufacture to give an even shade : Two or more coats on new work	sqm	29.00	0.351
16	Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work or plastered surface complete (steel frame work / surface plastering to be paid separately).	Sqm	11.00	0.375
17	Manpower deployment for shifting of parking sheds to new location	Nos	30.00	2.273
18	Deployment of Light Crane of parking sheds to new location	Per Day	12.00	4.945
			Total %	100.00
	Note : GST Payable extra as applicable			



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**Annexure PB - II
Summary of Price Schedule**

Details of ANNEXURE PB-I	Total Amount (in ₹)
Total Amount (Rupees in Figures) :	
Total Amount (Rupees in Words) :	

Note:

- 1 Total price of the package to be quoted by the bidders which shall form the basis of comparison for deciding lowest bid.**
- 2 In case of any discrepancy between 'Total Quoted Amount (in Figures)' and 'Total Quoted Amount (in Words)', lower of the two 'Amounts' shall be considered for evaluation purpose**
- 3 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 BOQ & Price Schedule (Annexure PB-I).**
- 4 GST Payable extra as applicable**

Signature BHEL

Signature & Seal of Bidder