



Tender for Miscellaneous Civil Maintenance Works Contract for CS&FP Township at BHEL Jagdishpur

Tender Enquiry No: BHE/CS&FP/CVL/17-18/09

SECTION – III: BOQ & Price Schedule

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 : Miscellaneous Civil Maintenance Works Contract for CS&FP Township at BHEL Jagdishpur

Annexure PB - I

Bill of Quantities & Price Schedule

S.No.	DESCRIPTION OF WORK	UNIT	Total Qty	% Weightage of Item Amount against Total Amount
1	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.	2	2.4818
2	Brick on edge flooring with bricks of class designation 7.5 on a bed of 12 mm cement mortar, including filling the joints with same mortar, with common burnt clay non modular bricks: 1:4 (1 cement : 4 coarse sand)	Sqm.	20	3.5305
3	Providing and laying in position cement concrete of 1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size) excluding the cost of centering and shuttering - All work up to plinth level	Cum.	3	4.2949
4	Extra for making chequers of approved pattern on cement concrete floors, steps, landing, pavements etc.	Sqm.	50	0.4812
5	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 metres lead : With cement mortar 1:4 (1 cement : 4 coarse sand)	Sqm.	25	1.7941
6	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground. For door/ window/ clerestory window	Sqm.	5	0.7133
7	12 mm cement plaster of mix1:4 (1 cement: 4 Coarse sand)	Sqm.	10	0.4723
8	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 4 Coarse sand)	Sqm.	10	0.5475
9	Neat cement punning.	Sqm.	10	0.1113

Signature BHEL

Signature Bidder



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S.No.	DESCRIPTION OF WORK	UNIT	Total Qty	% Weightage of Item Amount against Total Amount
10	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.	300	6.7338
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 all complete. (Structural steel shall be provided by BHEL free of cost. Contractor is required to take material from Fabrication Plant and shift the material to Township at no extra cost to BHEL.)	Kg.	250	1.3515
12	Providing and fixing double scaffolding system on the exterior side, up to seven story height made with 40 mm dia M.S. pipe (preferably 1.5 m centre to centre), horizontal & vertical tubes joining with suitable system with M.S. tubes, M.S. tube chollies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineerin- charge . The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding.	Sqm.	50	2.0912
13	Suspension platform with hoisting arrangement for plaster repair works for any height upto 8th floor level (28 metres).	Sqm.	50	3.4603
14	Suspension platform with hoisting arrangement for two coats external painting works for any height upto 8th floor level (28 metres).(Paint & other finishing material shall be provided by BHEL Free of Cast)	Sqm.	100	0.9924
15	Painting with distemper/Emulsion to give an even shade Old work (one or more coats) (Paint & other finishing material shall be provided by BHEL Free of Cast)	Sqm.	4000	22.5322

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S.No.	DESCRIPTION OF WORK	UNIT	Total Qty	% Weightage of Item Amount against Total Amount
16	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two coats on old work (Paint & other finishing material shall be in the scope of Contrator)	Sqm.	500	6.6986
17	P & F 25 mm thick Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :	Sqm.	20	6.0488
18	P & F 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, includingpointing in white cement mixed with pigment of matching shade complete.	Sqm.	10	1.9451
19	P & L 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), including pointing the joints with white cement and matching pigment etc., complete.	Sqm.	40	7.1906
20	P & L vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete.Size of Tile 600x600 mm	Sqm.	5	1.4617
21	Renewing Float glass panes of thickness 4 mm , with wooden fillets wherever necessary	Sqm.	5	1.1133
22	Renewing Float glass panes of thickness 4 mm and refixing existing wooden fillets	Sqm.	5	0.8992

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S.No.	DESCRIPTION OF WORK	UNIT	Total Qty	% Weightage of Item Amount against Total Amount
23	Providing and fixing 18mm thick flat pressed 3 layer particle board medium density exterior grade (Grade I) or graded wood particle board IS : 3087 marked, to frame, backing or studding with screws etc. complete (Frames, backing or studding to be paid separately):	Sqm.	20	3.541
24	Providing and fixing 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:	Sqm.	15	6.11
25	Taking out existing wooden door shutter, repair by cutting, painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all complete as per the direction of the Engineer-in-charge.	Each	15	0.691
26	Providing 2.5' X 7' RCC Door Frame with hold fast & 27" X 81" Bison Lam With Hinges , Biding, Bolt, Screw, Nut all complete as per the direction of the Engineer-in-charge.	Each Set	10	9.2605
27	Providing manpower for miscellaneous type civil maintenance works	Man-Days	25	3.4521
			Total %	100.00
Note : GST Payable extra as applicable				



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

**Name of Work : Miscellaneous Civil Maintenance Works Contract for CS&FP Township at
BHEL Jagdishpur**

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