



भारत हेवी इलेक्ट्रिकल्स लिमिटेड
(भारत सरकार का उपक्रम)
सीएसयू एवं एफपी जगदीशपुर, जनपद- अमेठी

SECTION-III

TE. No. BHE/FP/CVL/17-18/01

SECTION-III: BOQ & PRICE SHEDULE FOR TENDER FOR MAKING ENCLOSURE FOR PCC PANELS AND MISC. WORKS

S. No.	DESCRIPTION OF WORK	UNIT	QTY.	Rate Quoted (Rs.)		Quoted Amount (Rs.)
				In Figures	In words	
1	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	Cum	5.5			
2	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	Cum	5.5			
3	Earthwork in excavation in foundation trenches or drains (not exceeding 1.5 m in width or 10 Sqm on plain) including dressing of sides and ramming of bottom, lift up to 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m. All kinds of soil	Cum	6.5			
4	Providing and laying in position cement concrete of specified grade excluding the cost of centring 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	1.0			
5	Providing and laying in position specified grade of reinforced cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level	Cum	3.5			
6	Reinforced cement concrete : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement	Cum	10.5			
7	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Foundations, footings, bases of columns, etc. for mass concrete.	Sqm	15.0			

(Sign Seal of BHEL)

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8	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Lintels, beams, plinth beams, girders, bressumers and cantilevers, Columns.	Sqm	103.0			
9	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	940.0			
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 Free of Cost)	Kg	1610.0			
11	Providing and Fixing 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 (Structural Steel in this item shall be provided by the contractor)	Kg	500.0			
12	Brick work with common burnt clay machine moulded perforated bricks of class designation 12.5 conforming to IS: 2222 in superstructure above plinth level up to floor five level in cement mortar 1:6 (1 cement : 6 coarse sand) : With F.P.S.(non modular) bricks	Cum	30.0			
13	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	128.0			
14	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.	Sqm	128.0			

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15	12 mm cement plaster of mix :1:4 (1 cement: 4 coarse sand)	Sqm	199.0			
16	15 mm cement plaster of mix :1:4 (1 cement: 4 coarse sand)	Sqm	190.0			
17	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both sideof the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling / self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	Sqm	225.0			
18	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade New work (two or more coats) over and including water thinnable priming coat with cement primer, (Paint & related Material shall be supplied by BHEL Free of Cost)	sqm	509.0			
19	Providing and fixing ISI marked 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 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	sqm	9.0			
Total (Exclusive of Service Tax)=						
Note: Service tax shall be paid extra as applicable.						