



BHARAT HEAVY ELECTRICALS LIMITED, CSU & FP Jagdishpur, Dist. Amethi

## Bill of Quantities & Price Shchedule

Tender for Miscellaneous Civil Works for Community Welfare Centre and Club in CSU & FP Township

Tender Enquiry No. : BHE/CSU/CVL/15-16/32 dated 29-03-2016

S.No.	DESCRIPTION OF WORK	UNIT	QTY.	Quoted Rate (In Rs)		Quoted Amount (Rs.)
				In Fig.	In Words	
1	<b>Providing and fixing precoated galvanised iron profile sheets</b> (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 side of 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 Engineerin-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.	63.08			
2	Providing and fixing 1st quality <b>ceramic glazed wall tiles</b> 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.	23.00			
3	Providing and laying <b>Ceramic glazed floor tiles</b> 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.	57.00			
4	<b>Demolishing brick work in cement mortar</b> manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.	Sq.M.	6.00			
5	<b>Brick work</b> with F.P.S Brick of class designation 75 in super structure in cement mortar 1:6 (1cement : 6 coarse sand).	Cum	4.50			
6	<b>12 mm cement plaster</b> of mix 1:6 (1 cement: 6 coarse sand).	Sqm	52.80			
7	<b>Steel work welded in built up sections/ framed work</b> for gratings, frames, railings, brackets, gates and similar works, including cutting,hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.	Kg	584.91			
8	<b>Providing and laying in position cement concrete 1:2:4</b> (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) up to plinth level excluding the cost of centering and shuttering	Cum	8.00			
9	<b>Neat cement punning.</b>	Sqm	78.00			



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10	<b>Steel reinforcement for R.C.C. work</b> including straightening, cutting, bending, placing in position and binding all complete upto plinth level	Kgs	314.00			
11	<b>Providing and fixing fly proof galvanized M.S. wire gauge</b> to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm all complete with 12 mm mild steel U beading	Sqm	8.00			
12	<b>Providing and fixing Bamboo jaffery fencing consisting</b> of superior quality 25 mm dia (Average) <b>full round bamboo</b> placed vertically or in patterns and fixed together with three numbers horizontal running members of hallock wood in scantling of section 50X25 mm, fixed with nails and G.I wire on existing support complete as per direction of Engineer-in-charge.	sqm.	114.00			
13	<b>Supplying at site Angle iron post &amp; strut</b> of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete	kg	408.00			
14	<b>Earth work in excavation</b> by mechanical means (Hydraulic excavator) / manual means in foundations (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil	Cum	1.50			
15	<b>Providing and laying in position cement concrete 1:1½:3</b> (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size) of specified grade excluding the cost of centering and shuttering - All work up to plinth level	Cum	1.50			
16	<b>Painting with Acrylic Smooth exterior paint</b> of required shade on New work (Two coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	sqm.	226.00			
<b>Total Amount Excluding Service Tax =</b>						