



BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

1 of 29

PRICE BID

ESTIMATE REF NO : CF/C/13/21

NAME OF WORK : COMPLETION OF CIVIL WORKS IN TYPE C-48 UNITS IN BHEL TOWNSHIP

CPWD 2012 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE RS P	AMOUNT RS P
2.1	01	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including disposal of excavated earth upto 50 m and lift upto 1.5 m, disposed soil to be levelled and neatly dressed :				
2.1.1	01A	All kinds of soil	9000.000	sqm	37.87	340830.00
2.6	02	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m 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.				
2.6.1	02A	All kinds of soil	120.000	cum	129.35	15522.00
2.8	03	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (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.				
2.8.1	03A	All kinds of soil.	400.000	cum	130.80	52320.00
2.25	04	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.	350.000	cum	83.80	29330.00
2.27	05	Supplying and filling in plinth with good river sand under floors including, watering, ramming consolidating and dressing complete.	30.000	cum	749.30	22479.00
2.28	06	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50				

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					RS	P	RS	P
		m and lift upto 1.5 m.						
2.28.1	06A	All kinds of soil.	800.000	sqm	9.35		7480.00	
2.35	07	Diluting and injecting chemical emulsion for POSTCONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) :						
2.35.1	07A	Along external wall where the apron is not provided using chemical emulsion @ 7.5 litres / sqm of the vertical surface of the substructure to a depth of 300 mm including excavation channel along the wall & rodding etc. complete:						
2.35.1.1	07A1	With Chlorpyrifos/ Lindane E.C. 20% with 1% concentration.	850.000	Metre	11.80		10030.00	
4.1	08	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :						
4.1.3	08A	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	3.500	cum	2674.05		9359.18	
4.1.10	08B	1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)	40.000	cum	2609.90		104396.00	
4.5	09	Providing and fixing up to floor five level precast cement concrete string or lacing courses, copings, bed plates, anchor blocks, plain window sills, shelves, louvers, steps, stair cases, etc. including hoisting and setting in position with cement mortar 1:3 (1 Cement : 3 coarse sand), cost of required centering complete.						
4.5.1	09A	1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size).	15.000	cum	3199.50		47992.50	
4.12	10	Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification. (UNIT : per 50 kg cement)	250.000	per 50 kg	35	35		

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CPWD 2012 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
					8837.50			
5.33	11	<p>DESIGN MIX CONCRETE Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. (Note :- Cement content considered in this item is @ 330 kg/cum. Excess/less cement used as per design mix is payable/recoverable separately).</p>		cum				
5.33.2	11A	All work above plinth level upto floor level	180.000	cum	3884.00		699120.00	
5.37	12	<p>Providing and laying in position ready mixed M-25 grade concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (Note :- Cement content considered in</p>		cum				

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CPWD 2012 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE RS P	AMOUNT RS P
		this item is @ 330 kg/cum. Excess/less cement used as per design mix is payable/recoverable separately).				
5.37.2	12A	All work above plinth level upto floor level	500.000	cum	6130.00	3065000.00
5.17	13	Providing, hoisting and fixing up to floor five level precast reinforced cement concrete in vertical & horizontal fins individually or forming box louvers setting in cement mortar 1:2 (1 cement : 2 coarse sand) including the cost of required centering, shuttering but excluding the cost of reinforcement, with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	6.000	cum	3390.50	20343.00
5.9	14	FORM WORK Centering and shuttering including strutting, propping etc. and removal of form for :				
5.9.3	14A	Suspended floors, roofs, landings, balconies and access platform.	4200.000	sqm	311.20	1307040.00
5.9.7	14B	Stairs, (excluding landings) except spiral-staircases.	155.000	sqm	326.30	50576.50
5.9.5	14C	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	700.000	sqm	262.25	183575.00
5.9.15	14D	Small lintels not exceeding 1.5m clear span, moulding as in cornices, window sills, string courses, bands, copings, bed plates, anchor blocks and the like.	900.000	sqm	166.90	150210.00
5.9.19	14E	Weather shade, Chajjas, corbels etc., including edges.	360.000	sqm	411.10	147996.00
5.22	15	STEEL REINFORCEMENT Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
5.22.3	15A	Cold twisted bars	74400.000	kg	10.50	781200.00
6.1	16	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				

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ESTIMATE REF NO : CF/C/13/21

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CPWD 2012 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
6.1.2	16A	Cement mortar 1:6 (1 cement : 6 coarse sand)	50.000	cum	2957.18		147858.75	
6.4	17	Brick work 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 in all shapes and sizes in :						
6.4.2	17A	Cement mortar 1:6 (1 cement : 6 coarse sand)	1800.000	cum	3516.78		6330195.00	
6.12	18	HALF BRICK MASONRY Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in.						
6.12.2	18A	cement mortar 1:4 (1 cement : 4 coarse sand)	24.000	sqm	355.77		8538.48	
6.13	19	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.						
6.13.2	19A	Cement mortar 1:4 (1 cement :4 coarse sand)	2000.000	sqm	415.67		831340.00	
8.2	20	Providing and fixing 18mm thick gang saw cut mirror polished premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.						
8.2.2	20A	Granite of any colour and shade						
8.2.2.1	20A1	Area of slab upto 0.50 SQM	15.000	sqm	2988.71		44830.65	
8.2.2.2	20A2	Area of slab over 0.50 SQM	140.000	sqm	3030.96		424334.40	
11.36	21	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be	670.000	sqm	652.84		437399.45	

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CPWD 2012 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE RS P	AMOUNT RS P
		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.				
*11.36	22 #	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. Tiles and cement alone will be issued free of cost at BHEL stores.	900.000	SQM	321.00	288900.00
11.37	23	Providing and laying Ceramic glazed floor tiles 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.	3840.000	sqm	693.14	2661638.40
DATA	24 #	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position: AUSTRALIAN VENGAI	12.500	CUM	107326.12	1341576.50
14.2	25	Fixing chowkhats in existing opening including embedding chowkhats in floors or walls cutting masonry for holdfasts, embedding hold fasts in				

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CPWD 2012 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
		cement concrete blocks of size 15 x 10 x 10 cm with cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size), painting two coats of approved wood preservative to sides of chowkhats and making good the damages to walls and floors as required complete including disposal of rubbish to the dumping ground within 50 meters lead :						
14.2.1	25A	Door chowkhats	100.000	each	531.10		53110.00	
9.53	26	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 30x10x15cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size)	1600.000	each	90.43		144680.00	
9.6	27	Providing and fixing 35 mm thick factory made laminated veneer lumber door shutter conforming to IS : 14616 and TADS 15:2001 (Part B) including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, all complete as per directions of Engineer-in-charge and panelling with panels of:						
9.6.1	27A	12mm thick plain grade - 1, medium density flat pressed three layer particle board FPT - I or graded wood particle board FPT & I, IS : 3087 marked, bonded with BWP type synthetic resin adhesive as per IS : 848 :	420.000	sqm	2300.75		966315.00	
DATA	28 #	Supplying and fixing of UPVC windows (single / double leaf shutter)/Fixed louvered Ventilators. The profiles are hollow, multi-chambered and steel reinforced with an outer wall thickness of 2.5mm. The window unit is designed with all corners, transom/mullion joints mitred and fusion welded. The outer frame should hold appropriate EPDM gaskets. The entire window is steel reinforced.The window unit should be designed such	550.000	SQM	5203.00		2861650.00	

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CPWD 2012 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
		that water drainage does not pass through the reinforcement chamber and the unit is free from sharp edges and blurs, including providing and fixing all accessories confirming to IS standard like stainless steel friction hinges, Handles of powder coated or polyurethane coated with Single Glazing glass of 5mm thick (pin headed). Installation of frames to be carried with suitable Anchor Fastners & Proper Silicone Sealing works to be carried out in exterior & Intereior Crevices. OPENABLE WINDOWS						
9.40	29	Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete :						
9.40.1	29A	2nd class teak wood						
9.40.1.1	29A1	50x12 mm	50.000	metre	98.40		4920.00	
9.48	30	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.						
9.48.2	30A	Fixed to openings /wooden frames with rawl plugs screws etc.	12000.000	kg	98.20		1178400.00	
9.96	31	Providing and fixing aluminium sliding door bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete :						
9.96.2	31A	250x16 mm	480.000	each	168.95		81096.00	
9.97	32	Providing and fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete :						
9.97.3	32A	200x10 mm	528.000	each	71.05		37514.40	

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					RS	P	RS	P
9.97.5	32B	100x10 mm	288.000	each	46.25		13320.00	
9.100	33	Providing and fixing aluminium handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete :						
9.100.2	33A	100 mm	720.000	each	49.55		35676.00	
9.100.3	33B	75 mm	192.000	each	41.90		8044.80	
L.S.	34	Nylon buffer for doors and windows	288.000	EACH	14.90		4291.20	
L.S.	35	Hook and eye	288.000	EACH	14.90		4291.20	
9.79	36	Providing and fixing special quality bright finished brass cupboard or wardrobe locks with four levers including necessary screws etc. complete (best make of approved quality) :						
9.79.1	36A	40 mm	144.000	each	141.25		20340.00	
9.21	37	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 :						
9.21.3	37A	25mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws.	192.000	sqm	1266.75		243216.00	
9.46	38	Providing and fixing curtain rods of 1.25 mm thick chromium plated brass plate, with two chromium plated brass brackets fixed with C.P. brass screws and wooden plugs, etc., wherever necessary complete :						
9.46.2	38A	20 mm dia.	210.000	metre	324.39		68122.43	
DATA	39 #	Providing and laying weathering course on top of roof slab with brick jelly	2400.000	SQM	1042.89		2502936.00	

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CPWD 2012 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
		of size 20mm and pure lime (no sand) in the proportion of 32:12.5 to an average thickness of 75mm concrete well beaten with wooden battens so as to secure a minimum slope of 1 in 48 and top finished with two coarse of pressed tiles of size 25 cm x 25cm x 1.2 cm set in cement mortar 1:3 mixed with crude oil at 10% by weight of cement and pointing with the same oiled mortar etc. complete as per standard specifications. Cement only will be issued free of cost at BHEL stores.						
12.41	40	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.(i) Single socketed pipes.						
12.41.1	40A	75 mm diameter	600.000	metre	124.90		74940.00	
12.41.2	40B	110 mm diameter	950.000	metre	206.90		196555.00	
12.42	41	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.						
12.42.1	41A	Coupler						
12.42.1.1	41A1	75 mm	72.000	each	97.60		7027.20	
12.42.1.2	41A2	110 mm	72.000	each	130.25		9378.00	
12.42.5	41B	Bend 87.5°						
12.42.5.1	41B1	75 mm bend	168.000	each	104.55		17564.40	
12.42.5.2	41B2	110 mm bend	168.000	each	156.95		26367.60	

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CPWD 2012 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
12.42.6	41C	Shoe (Plain)						
12.42.6.1	41C1	75 mm Shoe	216.000	each	163.80		35380.80	
12.42.6.2	41C2	110 mm Shoe	168.000	each	287.05		48224.40	
12.42.3	41D	Single tee with door						
12.42.3.1	41D1	75x75x75 mm	48.000	each	207.95		9981.60	
12.42.3.2	41D2	110x110x110 mm	48.000	each	302.05		14498.40	
DATA	42	75mm Door bend	168.000	EACH	207.95		34935.60	
DATA	43	110mm door bend	48.000	EACH	302.05		14498.40	
DATA	44	75mm cowl	168.000	EACH	97.60		16396.80	
DATA	45	110mm dia cowl	96.000	EACH	130.25		12504.00	
12.43	46	Providing and fixing unplastised - PVC pipe clips of approved design to unplastised - PVC rain water pipes by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.						
12.43.1	46A	75 mm	240.000	each	127.15		30516.00	
12.43.2	46B	110 mm	408.000	each	144.60		58996.80	
13.1	47	CEMENT PLASTER (IN FINE SAND) 12 mm cement plaster of mix :						
13.1.2	47A	1:6 (1 cement: 6 fine sand)	10300.000	sqm	91.80		945540.00	
13.2	48	15 mm cement plaster on the rough side of single or half brick wall of mix :						
13.2.2	48A	1:6 (1 cement: 6 fine sand)	12200.000	sqm	105.48		1286795.00	
13.16	49	6 mm cement plaster of mix :						
13.16.1	49A	1:3 (1 cement: 3 fine sand)	4333.000	sqm	79.90		346195.87	

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					RS	P	RS
13.28	50	12 mm thick plain cement mortar bands in cement mortar 1:4 (1 cement: 4 fine sand) :					
13.28.3	50A	Raised Band	288.000	cm per	mtr	2.55	

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CPWD 2012 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
						733.03		
13.42	51	Distemping with 1st quality acrylic distemper (ready mixed) of approved manufacturer, of required shade and colour complete, as per manufacturer's specification.						
13.42.1	51A	Two or more coats on new work.	18000.000	sqm		37.35		672300.00
13.46	52	Finishing walls with Acrylic Smooth exterior paint of required shade :						
13.46.1	52A	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm).	9600.000	sqm		67.50		648000.00
13.61	53	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :						
13.61.1	53A	Two or more coats on new work.	1333.000	sqm		53.85		71782.05
13.62	54	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:						
13.62.1	54A	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.	500.000	sqm		78.80		39400.00
11.16	55	Precast terrazo tiles 22mm thick with graded marble chips of size upto 12mm, laid in floors, and landings, jointed with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete, on 20 mm thick bed of cement mortar 1:4 (1 cement :4 coarse sand) :						
11.16.1	55A	Light shade using white cement.	467.000	sqm		717.89		335253.46
13.50	56	Applying priming coat :						
13.50.1	56A	With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	1333.000	sqm		25.85		34458.05
13.3	57	20 mm cement plaster of mix :						
13.3.1	57A	1:4 (1 cement: 4 fine sand)	120.000	sqm		124.37		14924.10

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

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ESTIMATE REF NO : CF/C/13/21

NAME OF WORK : COMPLETION OF CIVIL WORKS IN TYPE C-48 UNITS IN BHEL TOWNSHIP

CPWD 2012 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
13.33	58	Pointing on stone work with cement mortar 1:3 (1 cement: 3 fine sand) :						
13.33.1	58A	Flush/ Ruled pointing	250.000	sqm	105.07			26268.13
DATA	59 #	Supplying at site of work, carrying and fixing in position of granite kitchen sink of size 0.60 x 0.60 x 0.30 (2' x 2' x 1'). The front face of the sink to be semi polished and edges to be moulded (nosing), Providing one number of 32mm brass waste coupling with waste PVC waste pipe etc. complete. Rate to include cost of all materials labour charges and making good all damages, to the wall floor etc. complete. All as per standard specification and instructions of Engineer-in-charge. Cement for fixing will be issued free of cost at BHEL stores.	48.000	EACH	2499.87			119993.76
17.31	60	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	48.000	each	674.05			32354.40
17.33	61	Providing and fixing 600x120x5mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	48.000	each	314.25			15084.00
17.1	62	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required :						
17.1.1	62A	White Vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests.	48.000	each	2935.35			140896.80

CONTRACTOR/ TENDERER

ACCEPTING OFFICER

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ESTIMATE REF NO : CF/C/13/21

NAME OF WORK : COMPLETION OF CIVIL WORKS IN TYPE C-48 UNITS IN BHEL TOWNSHIP

CPWD 2012 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
17.2	63	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required :						
17.2.1	63A	W.C. pan with ISI marked white solid plastic seat and lid	48.000	each	2856.35		137104.80	
17.7	64	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require :						
17.7.2	64A	White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap	48.000	each	1614.58		77499.60	
17.28	65	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.						
17.28.2	65A	Flexible pipe						
17.28.2.1	65A1	32 mm dia	48.000	each	65.30		3134.40	
18.15	66	BRASS FITTINGS Providing and fixing brass bib cock of approved quality :						
18.15.1	66A	15 mm nominal bore	336.000	each	205.60		69081.60	
18.16	67	Providing and fixing brass stop cock of approved quality :						
18.16.1	67A	15 mm nominal bore	192.000	each	205.60		39475.20	
18.17	68	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :						
18.17.1	68A	25 mm nominal bore	144.000	each	372.95		53704.80	
18.22	69	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet :						

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



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ESTIMATE REF NO : CF/C/13/21

NAME OF WORK : COMPLETION OF CIVIL WORKS IN TYPE C-48 UNITS IN BHEL TOWNSHIP

CPWD 2012 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
18.22.1	69A	100 mm diameter	96.000	each	58.15		5582.40	
18.7	70	C.P.V.C. PIPES Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work & Exposed on wall						
18.7.3	70A	25 mm nominal outer dia .Pipes.	1764.000	metre	197.50		348385.59	
DATA	71	Providing and fixing Chlorinated polyvinyl chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in charge. CPVC pipes alone will be issued free of cost at BHEL stores.						
DATA	71A #	15mm nominal outer dia pipes	300.000	METRE	78.45		23535.00	
DATA	71B #	20mm dia nominal outer dia pipes	500.000	METRE	88.17		44085.00	
DATA	71C #	25mm dia nominal outer dia pipes	360.000	METRE	98.05		35298.00	
18.9	72	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement ,trenching ,refilling & testing of joints complete as per direction of Engineer in Charge.						

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



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ESTIMATE REF NO : CF/C/13/21

NAME OF WORK : COMPLETION OF CIVIL WORKS IN TYPE C-48 UNITS IN BHEL TOWNSHIP

CPWD 2012 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE RS P	AMOUNT RS P
		External work				
18.9.3	72A	25 mm nominal outer dia .Pipes.	883.000	metre	185.15	163487.45
19.1	73	STONE WARE PIPES AND FITTINGS Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :				
19.1.2	73A	150mm diameter	1000.000	metre	200.48	200477.50
*1.1	74	Carriage of materials by mechanical transport including loading, unloading & stacking - excavated earth, debris etc.				
*1.1.2(I)	74A	Up to 1 KM lead	392.000	CUM	82.78	32449.76
1.1.2 (II)	74B	1 KM to 2 KM	240.000	CUM	93.94	22545.60
1.1.2(III)	74C	2 KM to 3 KM	240.000	CUM	104.98	25195.20
1.1.2(IV)	74D	3 KM to 4 KM	240.000	CUM	115.60	27744.00
19.30	75	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :				

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



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ESTIMATE REF NO : CF/C/13/21

NAME OF WORK : COMPLETION OF CIVIL WORKS IN TYPE C-48 UNITS IN BHEL TOWNSHIP

CPWD 2012 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
19.30.2	75A	Inside dimensions 500x700 mm and 45 cm deep for pipe line with one or two inlets :						
19.30.2.1	75A1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	120.000	each	3970.05		476406.00	
19.4	76	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design :						
19.4.3	76A	180x150 mm size P type						
19.4.3.1	76A1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	96.000	each	1221.80		117292.80	
DATA	77 #	Providing balustrade for an overall thickness of 100 mm with 1:2:4 cement concrete using 12 to 20mm gauge granite stone chips for 75mm thick inner core applied on chickenmesh and neatly plastered with cement mortar 1:4, 12mm thick on both faces and hand rails plastered in cement mortar 1:4 with an admixture of red oxide including finishing, polishing, curing etc., complete. Rate to include cost of all materials and labour but excluding fabrication charges for reinforcement steel. Cement & reinforcement steel alone will be issued free of cost at BHEL stores.	170.000	SQM	969.77		164860.90	
13.43	78	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :						
13.43.1	78A	Water thinnable cement primer.	17500.000	sqm	27.55		482125.00	
9.141	79	Providing and fixing PVC Door Frame of size 50x47mm with a wall thickness of 5 mm (± 0.2 mm) made out of single piece extruded PVC profile, with mitred cut joints and joint with 2nos of PVC bracket of size 190 mm x 100 mm	528.000	metre	544.50		287496.00	

CONTRACTOR/ TENDERER

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ESTIMATE REF NO : CF/C/13/21

NAME OF WORK : COMPLETION OF CIVIL WORKS IN TYPE C-48 UNITS IN BHEL TOWNSHIP

CPWD 2012 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
		long arms of cross section size 35 x 15mm & self driven self tapping screws, the vertical door profiles to be reinforced with 40x20mm M.S. rectangular tube of 0.8 mm , including providing EPDM rubber gasket weather seal throughout the frame, including jointing 5mm PVC frame strip with PVC solvent cement on the back of the profile. The door frame to be fixed to the wall using 8 x100mm long anchor fasteners complete, all as per manufacturer's specification and direction of Engineer -in- charge.						
9.142	80	35 mm thick factory made Solid panel PVC Door shutter made out of single piece extruded solid PVC profiles, 5 mm (± 0.2mm) thick, having styles & rails (except lock rail) of size 95 mmx 35 mm x 5 mm, out of which 75 mm shall be flat and 20 mm shall be tapered (on both side), having one side thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power, including reinforcing with MS tube of size 40 mm X 20 mm x 1 mm, joints of styles & rails to be mitered cut & joint with the help of PVC solvent cement, self driven self tapping screws & M.S. rectangular pipes bracket of size 190 mm X 100 mm of cross section size 35 mm x 17 mm x 1 mm at each corner. Single piece extruded 5mm thick solid PVC Lock rail of size 115 mm x 35 mm x 35 mm, out of which 95 mm to be flat and 20 mm to be tapered at both ends, having 15 mm solid core in middle of rail section integrally extruded, fixing the styles & rails with the help of solvent and self driven self tapping screws of 125 mm x 11 mm, including providing 5 mm Single piece solid PVC extruded sheet inserted in the door as panel, all complete as per manufacturer's						

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



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ESTIMATE REF NO : CF/C/13/21

NAME OF WORK : COMPLETION OF CIVIL WORKS IN TYPE C-48 UNITS IN BHEL TOWNSHIP

CPWD 2012 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
		specification and direction of Engineer-in-charge.						
9.142.1	80A	Non decorative finish (matt finish).	144.000	sqm	2579.65		371469.60	
DATA	81 #	Providing, suplllyng and fixing in position of ferro cement water tank of singel compartment of 800 litres, capacity of inner dimension 1300mm x 900mm x 800mm in cement mortar 1:2, with 40mm thick bottom finished wall thickness, 32mm wall thickness sides alround, & 25mm thick pre-cast cover slab using 10G x 10G weld mesh & two layers of chickenmesh 28 gauge. Rate to include cost of weldmesh, chickenmesh, fabrication, casting, finishing, carrying and fixing in position, curing etc., complete and cost of 25mm dia G.i. inlet, outlet, scour, overflow pipes & air vent pipes including supplying and fixing of 1 No. of 25mm dia automatic float arrangement of approved make with all necessary fittings etc., labour & incidental etc. complete. All as per drawaings and standard specifications. The rate shall exclude cost of reinforcement & Cement which will be issued free of cost at BHEL Stores. (Ref. Drg. No. BHE-BAP-C-30-127/R1)	48.000	EACH	6958.17		333992.16	
DATA	82 #	Supplying and fixing of PVC Nahani single / multi trap 100 x 75mm with crating, all consumables including cost of cutting and making good of the walls and floors as per standard specification and instructions of Engineer - in - charge. Cement will be issued free of cost at BHEL stores.	192.000	EACH	473.62		90935.04	
DATA	83 #	Supplying at site of wrok, carrying and fixing in position of cuddapah slab on both side polished 20/30 mm thick of required size for cup boards.	500.000	SQM	400.65		200325.00	
6.8	84	Brick work 7 cm thick with common burnt clay F.P.S. (non modular) brick of class designation 7.5 in cement mortar 1:3 (1 cement : 3 coarse sand)	192.000	sqm	318.93		61234.08	

CONTRACTOR/ TENDERER

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ESTIMATE REF NO : CF/C/13/21

NAME OF WORK : COMPLETION OF CIVIL WORKS IN TYPE C-48 UNITS IN BHEL TOWNSHIP

CPWD 2012 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE RS P	AMOUNT RS P
		in superstructure above plinth level and upto floor five level.				
17.73	85	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour.				
17.73.2	85A	600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms.	144.000	each	415.20	59788.80
18.65	86	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements. Weighing not less than 106 gms.	144.000	each	151.10	21758.40
9.95	87	ANODISED ALUMINIUM FITTINGS (ALL FITTINGS SHALL BE ISI MARKED) Providing and fixing ISI marked aluminium butt hinges anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete:				
9.95.8	87A	75x45x3.2 mm	480.000	each	63.55	30504.00
9.98	88	Providing and fixing aluminium pull bolt lock anodised ISI marked (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws bolts, nut and washers etc. complete.	96.000	each	62.45	5995.20
DATA	89 #	Providing vertical drops ,fins,facias etc., for an overall thickness of 75 mm with 1:2:4 cement concrete using 6 mm gauge granite stone chips for 50 mm thick innercore applied on chickenmesh and neatly plastered with cement mortar 1:4, 12 mm thick on both faces, finishing,curing etc., Complete. Rate to include cost of all materials and labour but excluding fabrication charges for reinforcement as per standard specifications. Cement & reinforcement steel alone will be	360.000	SQM	826.21	297435.60

CONTRACTOR/ TENDERER

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ESTIMATE REF NO : CF/C/13/21

NAME OF WORK : COMPLETION OF CIVIL WORKS IN TYPE C-48 UNITS IN BHEL TOWNSHIP

CPWD 2012 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE RS P	AMOUNT RS P
		issued free of cost at BHEL stores.				
DATA	90 #	Providing vertical drops ,fins,facias etc., for an overall thickness of 50 mm with 1:2:4 cement concrete using 6 mm gauge granite stone chips for 25 mm thick inner core applied on chickenmesh and neatly plastered with cement mortar 1:4, 12 mm thick on both faces, finishing,curing etc., Complete. Rate to include cost of all materials and labour but excluding fabrication charges for reinforcement as per standard specifications. Cement & reinforcement steel alone will be issued free of cost at BHEL stores.	50.000	SQM	778.53	38926.50
9.7	91	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick :				
9.7.1	91A	Second class teak wood	78.000	sqm	1950.35	152127.30
9.7.7	91B	Float glass panes				
9.7.7.1	91B1	4 mm thick glass pane	78.000	sqm	919.25	71701.50
DATA	92	Providing and fixing Chlorinated polyvinyl chloride (CPVC) pipes,having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in charge. CPVC pipes alone will be issued free of cost at BHEL stores. Concealed work,including cutting chases and making good the walls etc.				

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



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ESTIMATE REF NO : CF/C/13/21

NAME OF WORK : COMPLETION OF CIVIL WORKS IN TYPE C-48 UNITS IN BHEL TOWNSHIP

CPWD 2012 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
DATA	92A #	20 mm dia nominal outer dia pipes	500.000	METRE	189.47		94735.00	
18.52	93	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.						
18.52.1	93A	15 mm nominal bore.	96.000	each	426.55		40948.80	
9.51	94	Providing and fixing fly proof galvanized M.S. wire gauge 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.						
9.51.1	94A	With 2nd class teak wood beading 62X19 mm.	23.000	sqm	758.20		17438.60	
NOTE	95	General Note: Cement will be issued free of cost at BHEL stores for all the items except Ready Mix Concrete as the same has to be brought from outside the BHEL premises. Reinforcement steel will be issued free of cost at BHEL stores.						

Escalation is not applicable for this Item Sl. No.

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



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TOTAL ESTIMATED VALUE BEFORE ESCALATION	37862197.17
**ESCALATION @ 5.00 %	1471150.64
TOTAL ESTIMATED VALUE (A)	39333347.81

CONTRACTOR TENDER PERCENTAGE @	ABOVE	<input type="checkbox"/>				
	BELOW	<input type="checkbox"/>				
	AT PAR	<input type="checkbox"/>	_____ %	(B)	<input type="text"/>	<input type="checkbox"/>
(Percentage in words)			
	SUB TOTAL		if above (A) + (B)	(C)	<input type="text"/>	<input type="checkbox"/>
			if below (A) - (B)	(C)	<input type="text"/>	<input type="checkbox"/>
			if at par (A)	(C)	<input type="text"/>	<input type="checkbox"/>
			*SERVICE TAX @ _____ %	(D)	<input type="text"/>	<input type="checkbox"/>
	SERVICE HEAD :		_____			
			TOTAL VALUE OF WORK [(C) + (D)]	(E)	<input type="text"/>	<input type="checkbox"/>
(Rupees in words)			

- NOTE :**
- 1) Tick whichever is applicable. In case of omission in Ticking, figures indicated in the amount column will be considered.
 - 2) Boxes 1,2,3 any one box is to be ticked as per quote. Boxes 5,6,7 any one box is to be filled in with appropriate figures. Box 9 value is equal to Box 5 or 6 or 7 plus box 8.
 - 3) Free Issue of Material by BHEL is Rs. ~~6169046.34 /-~~
 - **4) Escalation not included for item sl no. marked with # symbol.

Use page 28 of 29 for quoting the tender percentage and Service Tax percentage to arrive at the total cost to BHEL.

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PRICE BID

ESTIMATE REF NO : CF/C/13/21

NAME OF WORK : COMPLETION OF CIVIL WORKS IN TYPE C-48 UNITS IN BHEL TOWNSHIP

SPECIAL CONDITION

- 1 The tenderer shall quote a percentage above or below or at par, the rates shown in the Bill of Quantities based on CPWD DSR 2012. The percentage quoted shall be clearly written both in words and figures. The contractor should accustom with CPWD DSR & Specifications before quoting.

The total value of this contract & Quantities of works indicated in this tender are tentative and is liable to vary according to the needs of the BHEL without entitling the contractors to any compensation. Hence while quoting percentage, the tenderer shall take this contingency into account and offer their quotation.
- 2 The quoted percentage will apply to the individual items uniformly and few of the items may / may not be operated. The tenderer/ Contractor shall have no claims in this regard.

The above rates does not include PF & ESI remittance .The tenderer shall quote inclusive of PF & ESI contribution to their workers.
- 3 Items of work other than those mentioned in Bill of Quantities will have to be carried out at the rates to be fixed by this organisation .The same offered percentage will be applicable with reference to CPWD DSR 2012.
- 4 Safety precautions should be taken while doing the work. You will have to follow all safety requirements to carry out the work inside the factory premises.
- 5 **CONTRACT CONDITIONS ON TAXES & DUTIES**
- 6 a. The Tenderer shall have been Registered under Excise, Sales Tax, VAT, Service Tax regulations if applicable and provide a copy of such registration to BHEL as part of the tender document. In case of fresh registration/amendment thereon, the same shall be carried out before start of the work. PAN no shall be submitted as part the tender document. (copy to be enclosed)
- 7 b. Service Tax shall be paid by the service provider namely the Tenderer.
- 8 c. Required Tax Invoice as per the existing provisions to be issued in required parts duly signed by the Competent/Authorized Official of the Contractor to BHEL.
- 9 d. If due to deficiency in the document submitted, BHEL could not avail CENVAT, VAT Credit, the credit amount will be recovered from the amount due to the Tenderer .
- 10 e. If payment of statutory dues are not made in accordance with the applicable provisions of the relevant Act within the time specified and Penalty, Interest etc paid/payable by the Contractor, the same shall not be reimbursed by BHEL and the entire implication is only to be born by the Contractor. The Tenderer shall clearly indicate the rate of applicable taxes and duties for the work to be executed.
- 11 f. The Tenderer shall indicate all exemptions on account of thrushold limits or special notification under any stature. Any modification theron shall also be intimated immediately on changes.
- 12 g. The quote submitted shall include all taxes and duties of whatsoever in nature but exclusive of Service Tax which shall be quoted separately if applicable. The existing rate shall be quoted clearly. If reduced rates are applicable on

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account of material, labour if any the same shall be indicated clearly. After tender opening addition of any tax & duty is not admissible.

- 13 h. If any composition scheme is to be availed by the Tenderer, the all relevant terms and conditions shall be indicated clearly in the offer. The required compliance under relevant statue shall be carried out.
- 14 i. Any statutory variation will be to the account of BHEL. But if the variation is effective during the delayed/extended period of execution for reasons attributable to the vendor, the same shall be borne by the vendor only.
- 15 J1. Whether Servicable Turnover has crossed the Service Tax Threshold Limit as per Service Tax Rules for the tenderer. YES NO Remarks
- 16 J2. Registered with Service Tax authorities Registered with Service Tax authorities YES NO
- 17 J3. If yes copy of Service Tax Regn. Is enclosed YES NO
- 18 J4. Service Tax Registration No.
- 19 J5. Under which Service Head(s):
- 20 J6. Service Tax @ % is applicable as extra for this tender.
- 21 J7. Whether Input credit for the Materials is availed by the tenderer. YES NO
- 22 J8. Whether Input credit for the service portion is availed by the tenderer. YES NO
- 23 J9. The Total Value of Work (A+B+C) quoted is in the Tender is Inclusive of Service Tax . (Must be quoted both in figures and words)
- 24 J10. Tenderer has their own PF registration YES NO
- 25 J11. Tenderer has their own ESI registration YES NO
- 26 J12. PAN No. of the Tenderer
- 27 BHEL will provide water at free of cost by identifying the water source (Open well) within the BHEL premises subject to availability and the contractor has to make their own arrangement for pumping the water from well and using the same after ensuring the suitability for the purpose. In case BHEL is not able to provide water as stated above, the contractor has to make their own arrangement for bringing the required quality of water at their own cost from outside the premises for construction and testing purposes.
- 28 The contractor has to make their own arrangement for the required power supply for the execution of work.
- 29 All materials shall conform to the latest IS / IRC specifications
- 30 Once the work is completed the contractor should remove all the unwanted materials from the site time to time and it should be disposed off as per the instructions of Engineer-in-charge without any further delay.

CONTRACTOR/ TENDERER

ACCEPTING OFFICER

**BHARAT HEAVY ELECTRICALS LIMITED**

BOILER AUXILIARIES PLANT

RANIPET - 632406

PRICE BID**27 of 29**

ESTIMATE REF NO : CF/C/13/21

NAME OF WORK : COMPLETION OF CIVIL WORKS IN TYPE C-48 UNITS IN BHEL TOWNSHIP

- 31 All works shall be carried out as per standard specifications and instructions of Engineer-in-charge.
- 32 All materials, colour, shade, brand, etc. shall be got approved from the Engineer-in-charge before the start of the work and shall confirm to the latest IS/IRC specifications.
- 33 Minimum rates of labour employed in General Engineering and Fabrication Industry as issued by Tamil Nadu Government is applicable from time to time.
- 34 The contractor have to follow all statutory requirements like PF ,ESI etc.,through out the contract period.
- 35 The General conditions of contract in force shall apply to this contract.
- 36 The contractor is required to engage a Diploma holder Engineer through out the contract period.
- 37 Time is essence of the contract. Any delay beyond the delivery date will be subjected to LD.
- 38 "Tenderers are requested to visit the site and verify themselves about the actual site conditions to know about the site facilities, distances and assess the site condition before quoting for the job. No compensation for not acquainting themselves with the actual site conditions will be entertained at the later stage.
- 39 All materials shall confirm to the latest IS/IRC/MORTH specifications.
- 40 Cement and Reinforcement steel will be issued free of cost for theoretical consumption. Excess consumption over and above the theoretical consumption up to 5% will be charged at the recovery rate of Rs 6,040.00 / MT and Rs 54,340.00 / MT respectively. Structural steel will be issued free of cost for theoretical consumption Excess consumption over and above the theoretical consumption up to 5% will be charged at a recovery rate of Rs 51,320.00 / MT. Excess consumption of the free issue materials over and above 5% will be charged with penal recovery which will be at double the rates specified above.
- 41 BHEL will reimburse the Service Tax to the contractor, subject to Service Tax invoice as per law. While quoting, the tenderer should take in to account the implication of Service Tax on the value of free issue materials supplied by BHEL which will works out to Rs. 19489567.46.

CONTRACTOR/ TENDERER

ACCEPTING OFFICER

BHARAT HEAVY ELECTRICALS LIMITED,
BOILER AUXILIARIES PLANT, RANIPET - 632406
CIVIL PROJECTS AND SERVICES DEPARTMENT

Name of work: Completion of Civil works in Type C-48 units in BHEL township.

TENDER Notice No.BAP:CF:23/2013-14

Sl. No.	Description		Values in Rs.ps
1	Estimated value for Completion of Civil works in Type C-48 units in BHEL township		39333347.87
4	Contractor's Tender percentage @ Percentage shall be quoted with (+) sign for 'Above' , with (-) sign for 'Below' and 0% for 'At Par'	Above Below At par	
5	Quoted price		
6	Value of Free issue materials as specified in 41 of special conditions (C-144 units & D-12 units)		6673378.12
7	Value for Calculation of Service Tax	(5)+(6)	
8	For Individuals / Sole proprietaryship firm / partnership firm / HUF / AOP where Reverse charge provisions applicable.		
	Service Tax Rate		
	50% Payable by the bidder		
	50% Payable by BHEL @ 2.472%		
8.1	Service Tax applicable for the value in Sl. No. 7 (100%) for above		
or			
Note:			
For Limited companies where Reverse Charge provisions will not apply, they have to remit the full Service Tax and BHEL shall reimburse the same on production of relevant documents as per Service Tax rules.			
10	Grand total including Service Tax has to be taken for quote in Sealed bid amount.		

Note:			
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Bharat Heavy Electricals Limited

Name of work: Completion of Civil works in Type C-48 units in BHEL township.

Tender Notice No. BAP:CF:23/2013-14

Service Tax

Approximate value of Free materials supplied by BHEL is Rs 6673378.12.

The Bidder shall not include Service Tax in their quoted rates; but the bidder has to separately indicate the Service Tax amount and workings thereof in the Price bid format.

Bidders have to quote full Service Tax payable in the Price bid format included in the Bid document. Out of Full Service Tax amount indicated by the Bidder, 50% of the same shall be considered for evaluation of offers in the case of Bidders being an Individual, Sole Proprietary ship firm, Hindu Undivided Family or Partnership firm whether registered or not, including Association of Persons. For Other Bidders full Service Tax quoted shall be considered for evaluation.

In such cases of successful Bidder being an Individual, Sole Proprietary ship firm, Hindu Undivided Family or Partnership firm whether registered or not, including Association of Persons, 50% Service Tax amount quoted in the Price Bid format will be considered for reimbursement against valid documentary evidence. For others Service Tax quoted in the Price Bid will be considered for reimbursement against valid documentary evidence.

In such cases of Bidders being an Individual, Sole Proprietary ship firm, Hindu Undivided Family or Partnership firm whether registered or not, including Association of Persons, Service Tax payable by BHEL as receiver of Works contract Service i.e. 50% of the Service Tax payable for Works contracts service on composition basis on quoted price and the value of Free issue materials by BHEL @ 2.472 % presently, shall be added to arrive at the total cost to BHEL for each bidder for the purpose of evaluation of Bids.

Manager / Civil Projects & Services