

BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

ESTIMATE

ESTIMATE REF NO : CF/C/10/11

NAME OF WORK : CONSTRUCTION OF ADDITIONAL ROOM FOR TYPE "A" - 48 UNITS IN TOWNSHIP

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RS RATE P	RS AMOUNT P
15.2	01	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge				.00
15.2.2	01A	1:4:8 or leaner mix	1.200	CUM	226.90	272.28
15.3	02	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.	15.600	CUM	537.55	8385.78
15.7	03	Demolishing brick work 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.				
15.7.4	03A	In cement mortar	55.200	CUM	310.75	17153.40
15.9	04	Demolishing stone rubble masonry 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:				
15.9.2	04A	In cement mortar	0.240	CUM	370.75	88.98
15.12	05	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
15.12.1	05A	Of area 3 Sq.m and below	48.000	SQ.M	54.60	2620.80
15.26	06	Demolishing brick tile covering in terracing including stacking of serviceable material and disposal of unserviceable material within 50 metres lead	72.000	SQ.M	15.45	1112.40

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15.27	07	Demolishing mud phaska in terracing and disposal of material within 50 metres lead.	7.200	CU.M	137.90	992.88
15.42	08	15.42. Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead :				
15.42.1	08A	75 to 80 mm dia pipe	144.000	R.M	11.40	1641.60
15.42.2	08B	100 mm dia pipe	144.000	R.M	11.80	1699.20
15.56	09	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	96.000	SQ.M	8.20	787.20
2.1	10	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	10A	All kinds of soils	144.000	SQ.M	20.74	2986.56
2.6	11	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	11A	All kinds of soil	0.240	CU.M.	101.85	24.44
2.7	12	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50 m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed				

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2.7.1	12A	Ordinary rock	0.240	CU.M	152.60	36.62
2.8.1	13	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. All kinds of soils	108.000	CU.M.	103.40	11167.20
2.9.1	14	Excavation work 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 soils as directed, within a lead of 50m. In ordinary rock.	0.240	CU.M.	162.65	39.04
2.26.	15	Extra for every additional lift of 1.50m or part thereof in.				
2.26.1	15A	All kinds of soils	31.200	CU.M.	18.90	589.68
2.26.2	15B	Ordinary or hard rock	2.400	CU.M.	33.85	81.24
2.34	16	Supplying chemical emulsion in sealed containers including delivery as specified. Chlorpyriphos / Lindane emulsifiable concentrate of 20%	372.000	LITRE	174.30	64839.60
DATA	17	Diluting and injecting chemical emulsion (to be supplied free of cost at site of work) for PRE-CONSTRUCTIONAL Anti-termite treatment and creating a continuous barrier under and around the column pits, wall trenches, basement excavation, top surface of plinth filling, junction of wall and floor, along the external perimeter of building	288.000	SQ.M	83.27	23981.76

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		expansion joints, over the top surface of consolidated earth of which apron is to be laid, surroundings of pipes and conduits etc. complete as per specification. (Plinth area of the building at ground floor only shall be measured for payment).				
2.25	18	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.	105.600	CU.M	45.70	4825.92
2.27	19	Supplying and filling in plinth with Jamuna sand under floors including, watering, ramming consolidating and dressing complete.	24.000	CU.M.	301.50	7236.00
2.28	20	2.28 Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m In all kinds of soil.	24.000	SQ.M	5.12	122.88
2.31	21	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth upto 30 cm measured at a height of 1 m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared.	240.000	SQ.M	2.64	633.60
2.32	22	Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared.	240.000	SQ.M.	1.36	326.40
2.33	23	Felling trees of the girth (measured at a height of 1 m above ground level) including cutting of trunks and branches removing the roots and stacking of serviceable material and disposal of unserviceable material.				
2.33.1	23A	Beyond 30 cm girth upto and including 60 cm girth	72.000	EACH	81.70	5882.40

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2.33.2	23B	Beyond 60 cm girth upto and including 120 cm girth	60.000	EACH	359.80	21588.00
2.33.3	23C	Beyond 120 cm girth upto and including 240 cm girth	18.000	EACH	1658.85	29859.30
2.33.4	23D	Above 240 cm girth	12.000	EACH	3330.20	39962.40
4.1	24	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : Cement alone issued free of cost at BHEL stores.				
4.1.3	24A	1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	4.800	CU.M.	1599.85	7679.28
4.1.9	24B	1:4:8 (1 cement: 4 fine sand : 8 graded stone aggregate 40 mm nominal size)	24.000	CU.M.	1415.55	33973.20
4.1.10	24C	1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)	24.000	CU.M.	1564.35	37544.40
4.5.1	25	Providing and fixing up to floor five level precast cement concrete string or lacing courses, 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, shuttering and finishing smooth with 6mm thick cement plaster 1:3 (1 Cement : 3 fine sand) on exposed surfaces complete in 1:2:4 (1 cement : 2 coarse sand: 4 graded stone). Cement only will be issued free of cost at BHEL stores.	6.000	CU.M.	2845.95	17075.70
4.11	26	4.11 Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size). Cement alone will be issued free of cost at BHEL stores.	72.000	CU.M	95.17	6852.24
4.12	27	4.12 Extra for providing and mixing water proofing material in cement concrete work @ 1 kg per 50kg of	14.400	KG.	27.45	395.28

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		cement.				
5.33	28	5.33 Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete work 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. M-25 grade reinforced cement concrete by using 410kg. of cement per cum of concrete. All work up to floor V level. Cement alone will be issued free of cost at BHEL stores.	7.500	CU.M.	2023.60	15177.00
5.37	29	Providing and laying in position ready mixed concrete manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10kms 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. M-25 grade Reinforced	72.000	CU.M.	4356.50	313668.00

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		cement concrete by using 410kg of cement per cum of concrete. All works up to floor V level. (No cement well be issued from BHEL stores for this item)				
5.39	30	Extra for R.M.C. beyond the initial lead of 10 KM.	1440.000	CUM/KM	20.99	

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					30096.00	
5.17	31	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 and finishing smooth with 6mm thick cement plaster 1:3 (1 cement : 3 fine sand) on exposed surfaces complete but excluding the cost of reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size). Cement alone will be issued free of cost at BHEL stores	12.000	CU.M	4295.36	51544.32
5.9	32	Centering and shuttering including strutting, propping etc. and removal of form for:				
5.9.3	32A	Suspended floors, roofs, landings, balconies and access platform.	600.000	SQ.M	187.35	112410.00
5.9.5	32B	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	120.000	SQ.M	162.65	19518.00
5.22.3	33	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. Cold twisted bars. Reinforcement will be issued free of cost at BHEL stores.	7920.000	KG.	6.19	49024.80
6.1.2	34	Brick work with F.P.S. bricks of class designation 75 in foundation and plinth in: Cement mortar 1:6 (1 cement: 6 coarse sand) Cement alone will be issued free of cost at BHEL stores.	12.000	CU.M.	1798.00	21576.00
6.4.2	35	Brick work with F.P.S. bricks of class designation 75 in	240.000	CU.M	2106.50	505560.00

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		superstructure above plinth level up to floor V level in all shapes and sizes in Cement mortar 1:6 (1 cement: 6 coarse sand). Cement alone will be issued free of cost at BHEL stores.				
6.12.2	36	Half brick masonry with F.P.S. brick of class designation 75 in foundations and plinth in. cement mortar 1:4 (1 cement: 4 coarse sand) Cement alone will be issued free off cost at BHELstores.	7.200	SQ.M	215.23	1549.66
6.13.2	37	Half brick masonry with F.P.S. bricks of class designation 75 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand) Cement alone will be issued free of cost at BHEL stores.	172.800	SQ.M	247.68	42799.10
7.1.1	38	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) at plinth level with : Cement mortar 1:6 (1 cement: 6 coarse sand). Cement alone will be issued free of cost at BHEL stores.	96.000	CU.M	1411.55	135508.80
11.37	39	Providing and laying Ceramic glazed floor tiles 300mm x 300mm or more (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 20mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete. Cement will be issued free of cost at	490.000	SQ.M	534.31	261811.90

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CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE RS P	AMOUNT RS P
		BHEL Stores.				
DATA	40	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position : Australian Vengai.	1.680	CU.M	79099.10	132886.49
9.6	41	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 black enameled M.S. butt hinges with necessary screws as per directions of Engineer-in-charge and panelling with panels of:				
9.6.1	41A	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 :	90.000	SQ.M	1877.20	168948.00
9.21.3	41B	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 : 25mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws.	96.000	SQ.M	853.05	81892.80
DATA	42	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4mm thick float glass panes including black enamelled ISI marked MS butt hinges with necessary screws. Australian vangai (30mm thick)				

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DATA	42A	Australian Vengai	10.000	SQ.M	2091.26	20912.60
AGT. 24/04-1	43	Carrying from BHEL stores & fixing of windows in position (Labour charges only)	48.000	EACH	50.00	2400.00
9.48	44	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. all complete. Fixed to openings /wooden frames with rawl plugs screws etc. No materials will be issued from BHEL stores.	720.000	KG	64.40	46368.00
9.96-100	45	Providing and fixing aluminium fittings ISI marked anodised (anodic coating not less than grade AC 10 as per IS:1868) transparent or dyed to the required colour or shade with nuts and screws etc complete.				
9.96.2	45A	250 x 16 mm sliding door bolts	48.000	EACH	134.10	6436.80
9.97.3	45B	200 x 10mm tower bolts	96.000	EACH	52.00	4992.00
9.97.5	45C	100 x 10mm tower bolts	6.000	EACH	32.15	192.90
9.100.2	45D	100 mm handle	96.000	EACH	35.30	3388.80
L.S	45E	200 x 6mm hook & eye	48.000	EACH	10.00	480.00
L.S.	45F	Nylon buffer for doors & windows	48.000	EACH	10.00	480.00
9.79.4	46	Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers including necessary screws etc. complete (best make of approved quality) : 75 mm lock	48.000	EACH	115.45	5541.60
9.46.2	47	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 : 20mm dia	60.000	R.M.	187.80	11268.00

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DATA	48	Providing and laying weathering course on top of roof slab with brick jelly 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 courses of ressed 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 will be issued free of cost at BHEL stores.	384.000	SQ.M.	583.50	224065.54
12.41	49	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	49A	75 mm dia	144.000	R.M.	95.00	13680.00
12.41.2	49B	110mm dia pipe	288.000	R.M.	163.40	47059.20
12.42	50	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.				
12.42.1.1	50A	75mm coupler	48.000	EACH	81.40	3907.20
12.42.1.2	50B	110 mm dia coupler	72.000	EACH	101.65	7318.80
12.42.3.1	50C	75x75x75 mm single tee with door	24.000	EACH	177.45	4258.80
12.42.3.2	50D	110x110x110 mm single tee with door	48.000	EACH	260.70	12513.60
12.42.5.1	50E	75mm bend	48.000	EACH	88.40	4243.20

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12.42.5.2	50F	110 mm dia Bend	48.000	EACH	134.20	6441.60
12.42.6.1	50G	75mm shoe	24.000	EACH	152.25	3654.00
12.42.6.2	50H	110mm shoe	48.000	EACH	263.10	12628.80
13.1.2	51	Plastering in cement mortar 1:6 (1 cement: 6 fine sand) , 12 mm thick Cement alone will be issued free of cost at BHEL stores.	1320.000	SQ.M	49.00	64680.00
13.2.2	52	Plastering in cement mortar 1:6 (1 cement :6 fine sand), 15mm thick. Cement alone will be issued free of cost at BHEL stores.	1500.000	SQ.M	56.28	84420.00
13.28	53	12mm thick plain cement mortar bands in cement motar 1:4 (1cement : 4 fine sand). Raised band. Cement alone will be issued free of cost at BHEL stores.	144.000	SQ.M	137.55	19807.20
13.16	54	Plastering in cement mortar 1:3 (1 cement : 3 fine sand), 6mm thick for all RCC works. Cement alone will be issued free of cost at BHEL stores.	550.000	SQ.M	43.14	23727.00
13.37	55	White washing with lime to give an even shade -three or more coats on new work.	3120.000	SQ.M	6.75	21060.00
13.46	56	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including base coat of water proofing cement paint applied @ 2.20 kg/10 sqm).	1320.000	SQ.M	50.40	66528.00
14.42	57	White washing with lime to give an even shade				
14.42.1	57A	Old work (two or more coats)	240.000	SQ.M	4.10	984.00
14.42.2	57B	Old work (One or more coats)	240.000	SQ.M	2.55	612.00
14.64	58	Finishing walls with water proofing cement paint of required shade : Old work (one or more coats applied @ 2.20 kg/10 sqm)	960.000	SQ.M	27.95	26832.00

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		over priming coat of primer applied @ 0.80 litres/10 sqm complete including cost of Priming coat.				
13.50.1	59	Applying priming coat:With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	240.000	SQ.M	16.55	3972.00
13.61.1	60	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	240.000	SQ.M	35.35	8484.00
14.54	61	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work.	168.000	SQ.M	22.85	3838.80
AGT. 24/04-1	62	Preparing the surface, supplying and applying one coat of homogeneous mix of cement slurry mixed with styrene butadiene base water proofing treatment over that cement concrete of 1:1.5:3, 30mm thick an average thickness by using 6mm to 12mm hard broken granite stone jelly mixed with logonosulphonates 150 ml. and styrene butadiene compolymer 100 ml. per bag of cement and average thick of 12mm plastering in cement mortar 1:3, mixed with cement and applied a thin coating. Rates include cost of all materials, chemicals and all other labour charges etc. complete. All as per standard specifications.	24.000	SQ.M	287.20	6892.80
1.1.1	63	Carriage of materials by mechanical transport including loading, unloading & stacking - excavated earth, debris etc.				
1.1.1 (I)	63A	1 K.M. lead	156.000	CU.M	49.42	7709.52
1.1.1 (II)	63B	2 K.M. lead	6.000	CU.M	56.41	338.46

3078545.75

CONTRACTOR/ TENDERER

ACCEPTING OFFICER

BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

ESTIMATE

ESTIMATE REF NO : CF/C/10/11

NAME OF WORK : CONSTRUCTION OF ADDITIONAL ROOM FOR TYPE "A" - 48 UNITS IN TOWNSHIP

ESCALATION @ 26.00 % (A) 800421.90

TOTAL ESTIMATED VALUE (B) 3878967.65

CONTRACTOR TENDER PERCENTAGE @ ABOVE / BELOW / AT PAR _____%

(Percentage in words)

SUB TOTAL (A+B)

SERVICE TAX @ % (C)

SERVICE HEAD : _____

TOTAL VALUE OF WORK (A+B+C)

=====

:=====

CONTRACTOR/ TENDERER

ACCEPTING OFFICER

BHARAT HEAVY ELECTRICALS LIMITED	
BOILER AUXILIARIES PLANT	
RANIPET - 632 406	
SPECIAL CONDITIONS OF CONTRACT	
1	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 & accepted percentage will be applicable with reference to CPWD DSR 2007.
2	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.
3	CONTRACT CONDITIONS ON TAXES & DUTIES
	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)
	b. 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 borne by the Contractor. The Tenderer shall clearly indicate the rate of applicable taxes and duties for the work to be executed.
	c. 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.
	d. 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 account of material, labour if any the same shall be indicated clearly. After tender opening addition of any tax & duty is not admissible.
	e. 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.
	f. 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.
4	All materials shall confirm to the latest IS/IRC specifications
5	All works shall be carried out as per standard specifications and instructions of Engineer-in-charge.
6	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.
7	The minimum wages applicable as per the Tamil Nadu minimum wages Act from time to time is to be paid.
8	The contractor have to follow all statutory requirements like PF ,ESI etc.,through out the contract period.
9	The General conditions of contract in force shall apply to this contract.
10	The contractor is required to engage a qualified Engineer with sufficient knowledge of the work through out the contract period.
11	Time is essence of the contract. Any delay beyond the delivery date will be subjected to LD.

12	12(a)Water for construction works will be provided by BHEL from the nearest tapping point and 1% recovery will be effected from the bills on the executed value as certified by the Engineer-in-charge based on the usage of water. The contractor should make necessary arrangement for tapping the same at his own cost. The Contractor should quote the tender considering the above. 12 (b) In case the water for construction purpose is not provided by BHEL, the tenderer has to arrange the facility at his/their own cost and the recovery rate of 1% for water charges will not be effected on the executed value as certified by the Engineer-in-charge.
13	The contractor has to make their own arrangement for the required power supply for the execution of work. However BHEL will issue No-Objection Certificate for getting the temporary power service connection if required.