

ANNEXURE-I

BILL OF QUANTITY AND PRICE SCHEDULE

Name of Project
Name of Work

220 KV SWITCHYARD FOR 1X370 MW YELAHANKA
220KV SWITCHYARD CIVIL WORKS INCLUDING
METERING ROOM

S.No.	Description of Item	Unit	Quantity	Unit Rate (Rs)	Amount (Rs)
1	Earthwork in excavation over areas (exceeding 30cm in depth 1.5m in width as well as 10sqm on plan) including dewatering as necessary of rainwater/subsoil seepage water and disposal of excavated earth upto 100m and lift upto 3.5m, disposed earth to be levelled and neatly dressed.				
(a)	All kinds of soil.	cum	5800	131.94	765234.60
(b)	Ordinary Rock	cum	10	201.71	2017.05
2	Earthwork in excavation in foundation trenches or drains (not exceeding 1.5m in width as well as 10sqm on plan) including dewatering as necessary of rainwater/subsoil seepage water, dressing of sides and ramming of bottoms, lift upto 3.5m and including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 100m.				
(a)	All kinds of soil.	cum	1650	133.42	220136.40
3	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 upto 100m and lift upto 3.5m.	cum	4400	85.48	376094.40
4	Carriage & disposal of surplus excavated earth beyond initial lead by mechanical means not necessarily all the times on pucca roads, including loading, unloading, dressing of excavated material, etc., complete as per specifications .				
(a)	Lead upto 1km.	cum	3000	84.44	253306.80
(b)	Lead upto 2km.	cum	100	95.82	9581.88
(c)	Lead upto 3km.	cum	100	107.08	10707.96
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level.				
(a)	M15	cum	500	4604.33	2302165.50
(b)	M10	cum	10	3965.96	39659.64
(c)	M7.5	cum	10	3397.88	33978.75
6	Centering and shuttering including strutting, propping, etc., and removal of form for:				
(a)	Foundations, footings, bases of columns, etc., for mass concrete.	Sqm	1450	170.24	246845.10
(b)	Columns, pillars, piers, posts and struts,	Sqm	2600	372.91	969571.20
(c)	Walls (any thickness).	Sqm	4200	290.85	1221582.60
(d)	Lintels, beams, plinth beams and cantilevers.	Sqm	50	267.50	13374.75
(e)	Suspended floors, roofs, landings, balconies, chajjas and access platforms at all levels.	Sqm	50	317.42	15871.20
7	Steel reinforcement .				
(a)	Including supply ,straightening, cutting, bending, binding (i/c cost of binding wire), placing in position, etc., all labour & material, complete.	Kg	10000	38.76	387600.00
(b)	Excluding supply but including unloading, storing, watch & ward ,handling , straightening, cutting, bending, binding (i/c cost of binding wire), placing in position, etc., all labour & material, complete.	Kg	174000	7.43	1292054.40

S.No.	Description of Item	Unit	Quantity	Unit Rate (Rs)	Amount (Rs)
8	Providing and laying in position machine batched and machine mixed design mix M25 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).				
(a)	All works upto plinth level	cum	1800	5346.99	9624587.40
(b)	Add for using extra cement in the items of design mix over and above the specified cement content therein.	quintal	550	601.60	330877.80
9	Providing and laying design mix cement concrete of M-30 grade, in roads, using cement content as per design mix, using coarse sand and graded stone aggregate in appropriate proportions as per approved & specified design criteria, providing dowel bars with sleeve/ tie bars wherever required, laying at site, spreading and compacting, mechanically by using needle and surface vibrators, levelling to required slope/ camber, finishing with required texture, including steel formwork with sturdy M.S. channel sections, curing, making provision for contraction/ expansion, construction & longitudinal joints by groove cutting machine, providing and filling joints with approved joint filler and sealants, complete all as per direction of Engineer-in-charge (Item of joint fillers, sealants, dowel bars with sleeve/ tie bars to be paid separately)(Note: Cement content considered in M-30 is @ 340 kg/cum. Excess/ less cement used as per design mix is payable/ recoverable separately).	cum	300	5731.89	1719567.00
10	Add for using extra cement in the items of design mix over and above the specified cement content therein	quintal	70	601.60	42111.72
11	Extra for providing and mixing water proofing material of approved make in cement concrete work in the proportion recommended by the manufacturer.	kg/50 kg of cement	1650	36.06	59494.05
12	Providing & fixing in position precast cement concrete trench covers, coping, roof units, fascia, RCC grills, etc., at various elevations in all kinds of work including moulding, formwork, mixing, laying out, compacting and curing, storing, transportation, erection without damage, setting in position with cement and sand mortar, grouting etc all as per specs, drawings and directions of Engr-in-Charge but excluding the cost of reinforcement, inserts, edge angles, etc.				
	Grade of concrete shall be M25.	cum	30	5346.99	160409.79
13	Structural steelwork welded in built up sections like edge protection angles,insert plates with lugs & framed work including providing, cutting, hoisting, fixing in position/ embedding in concrete and applying a priming coat of approved steel primer all complete.	kg	13700	40.79	558820.26
14	Grouting of block outs, pockets, foundations, bolts holes and underside of base plates with cement, sand aggregate (of size 6 mm and down) grout 1:1:2 with non-shrink additive and shall be of strength not less than M30 including placing, curing, cleaning, surface preparation, testing, etc. complete with labour, materials, equipment, handling, testing, etc. all complete as per specifications, drawings and instructions of the Engineer.	cum	15	11893.75	178406.25
15	Providing and fixing (all dia & length) GI foundation bolts in position with help of proper templates including supply of templates ,nuts and washers all complete as per specs, drawings & directions of Engr-in-Charge. (Mass of zinc coating = 610gms/sqm)	kg	11100	88.28	979919.10

S.No.	Description of Item	Unit	Quantity	Unit Rate (Rs)	Amount (Rs)
16	Extra over Item above for providing galvanised bolts (Mass of zinc coating = 610gms/sqm), nuts & washer .	kg	11100	5.95	66010.31
17	Fixing (all dia & length) foundation bolts in position with help of proper templates(to be supplied by contractor) including nuts and washers all complete as per drawings & directions of Engr-in-Charge. (Bolts to be supplied by BHEL)	kg	1000	7.74	7735.70
18	Providing and laying non-pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement: 2 fine sand) including testing of joints etc., complete.				
(a)	100mm dia. RCC pipe	RM	50	222.72	11135.85
(b)	150 mm dia. RCC pipe	RM	10	259.59	2595.90
(d)	250 mm dia. RCC pipe	RM	10	349.30	3492.99
19	Providing and laying non-pressure NP3 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement: 2 fine sand) including testing of joints etc., complete.				
(a)	300mm dia. RCC pipe	RM	250	620.85	155213.44
(b)	450mm dia. RCC pipe	RM	10	903.93	9039.25
(c)	600mm dia. RCC pipe	RM	10	1241.71	12417.08
20	Providing and placing in position suitable PVC water stops conforming to IS 12200 of Deep-Jyoti or equivalent for construction/expansion joints between two RCC members and fixed to the reinforcement with binding wire before pouring concrete etc. complete.				
(a)	Serrated with central bulb(225mm wide,8-11mm thick)	RM	60	468.33	28099.98
21	Preparation and consolidation of subgrade with power road roller of 8 to 10 tonne capacity after excavating earth to an average of 22.5cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth lead upto 50m.	Sqm	1200	62.48	74970.00
22	Extra for compaction of earthwork in embankment under optimum moisture conditions to give at least 95% of the maximum dry density (Proctor density)	cum	1200	7.91	9486.00
23	Suppling and stacking at site				
(a)	90 mm to 45 mm size stone aggregate	cum	10	1030.97	10309.65
(b)	63 mm to 45 mm size stone aggregate	cum	360	1122.82	404213.76
(c)	53 mm to 22.5 mm size stone aggregate	cum	10	1214.62	12146.16
(d)	Stone screening 13.2 mm nominal size (type A)	cum	40	1365.53	54621.00
(f)	Moorum	cum	10	636.94	6369.39
24	Laying spreading and compacting stone aggregate of specified sizes to WBM specifications including spreading in uniform thickness, hand picking, rolling with 3 wheeled road/vibratory roller 8-10tonne in stages to proper grade and camber, applying and brooming requisite type of screening/binding material to fill up interstices of coarse aggregate water and compacting to the required density (payment for stone aggregate, screenings, kankar, moorum and red bajri etc., to be made separately)	cum	300	336.75	101025.90
25	Providing and fixing in position 25 mm thick bitumen impregnated fibre board conforming to IS: 1838, including the cost of primer, sealing compound in expansion joints.	per cm depth per 100 m length	150	438.91	65835.90
26	Providing and laying in position bitumen hot sealing compound for expansion joints etc. Using grade A sealing compound	per cm depth per cm width per m length	900	1.68	1514.70

S.No.	Description of Item	Unit	Quantity	Unit Rate (Rs)	Amount (Rs)
27	Providing and laying at or near ground level factory made kerb stone of grade M25 cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement : 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not be more than 5mm), including making drainage opening wherever required complete etc. all complete as per the direction of Engineer-in-charge. (Length of finished kerb edging shall be measured for payment). (Precast CC kerb stone shall be approved by Engineer-in-charge). (kerb stone will be fixed over 20 thk cement mortar) .	cum	40	5147.74	205909.44
28	Providing & fixing PVC Coated galvanised chainlink fencing including all allied activities, all complete as per Customer Technical specification , drawing and direction of Engineer incharge. (Rates shall be inclusive of all civil works including labour & material like PVC Coated GI chainlink fence, fence posts, HTSSW wire, Concertina coil, brick work/, plaster, coping, painting with textured paint, etc.all complete)- (Earthwork,Concreting & Reinforcement steel shall be paid seperately .)	RM	480	2800.92	1344441.60
29	Providing & fixing gate made of medium duty MS pipe including all allied activities, all complete as per Customer Technical specification , drawing and direction of Engineer incharge.. (Rates shall be inclusive of all labour material items like medium duty pipe, hinges, MS aldrop, tempered steel pivot, guide track of MS tee, Bronze-Alu. ball bearing arrangement, caster wheel, fabrication, welding, primer, painting etc.all complete) (Earthwork, concrete, reinforcement required for gate post to be paid separately)	Kg	1500	74.12	111182.78
30	Providing and laying stone aggregate in switch yard areas in 75mm thick layer using 20 mm aggregates size in layer I and 75mm thick layer using 40mm size aggregate in layer II (Top) making overall thickness of stone aggregate as 150mm . Before laying the stone aggregates , the yard surface shall be treated with antiweed treatment (as per manufacturer recommendations) all complete as per Customer's specification and direction of Engineer in Charge. (The rate shall be inclusive of all materials ,labour,loading,unloading and surface preparation, compaction, micro grading etc. required for aggregate laying and antiweed treatment)	Sqm	10000	165.80	1657988.75
31	Providing & applying two coat of residual petroleum bitumen of penetration 85/25 grade as per IS:702 of approved quality using 1.7 kg per sqm per coat on concrete surface in contact with soil, after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.	Sqm	7400	183.92	1361044.63
32	Providing and laying 75mm thk factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	Sqm	450	547.38	246322.35
33	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	10	998.53	9985.29
34	Demolishing brick work in Cement Mortar 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.	cum	10	577.93	5779.32
35	Providing, laying and compacting rubble soiling of required thickness in floor, foundations of equipment under the floors etc... as per direction of Engineer-in-Charge.	cum	10	857.82	8578.20

S.No.	Description of Item	Unit	Quantity	Unit Rate (Rs)	Amount (Rs)
36	Supplying chemical emulsion in sealed containers including delivery as specified - Chloropyriphos emulsifiable concentrate of 20%	litre	50	189.67	9483.45
37	Diluting & injecting chemical emulsion for PRE-CONSTRUCTIONAL ANTI-TERMITE treatment and creating a continuous chemical barrier under and all around the column pits, wall trenches, basement excavation, top surface of plinth filling, junction of wall & floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surroundings of pipes and conduits, etc complete as per Technical specifications (Plinth area of the building at ground floor only shall be measured for payment).	Sqm	150	90.02	13502.25
38	Providing and laying M20 reinforced cement concrete in ground floor grade slab/plinth protection of building excluding the cost of centring, shuttering, finishing and reinforcement.	cum	5	5196.75	25983.74
39	Providing and laying damp proof course 50mm thick cement concrete 1:1.5:3 (1 Cement:1.5 coarse sand : 3 graded stone aggregate 12.5 mm nominal size) .	Sqm	5	259.79	1298.97
40	Brickwork with FPS bricks of class designation 75 in foundation and plinth in:Cement mortar 1:6 (1 cement : 6 coarse sand) as per drawing and specification	cum	2	3382.88	6765.76
41	Brickwork with FPS bricks of class designation 75 in superstructure above plinth level upto V level in all shapes and sizes:Cement mortar 1:6 (1 cement : 6 coarse sand) as per drawing and specification	cum	10	3953.67	39536.73
42	18 mm cement plaster in two coats under layer 12 mm thk 1:4 (1 cement : 4 fcoarse sand) finished with top layer 6 mm thk cement plaster 1:6 (1 cement : 6 fine sand) .	Sqm	60	186.56	11193.48
43	12mm thk cement plaster on even side of the walls in the mix:				
(a)	1:4 (1cement : 4 fine sand)	Sqm	50	125.97	6298.50
44	6mm cement plaster to ceiling of mix				
(a)	1:3 (1 cement : 3 fine sand)	Sqm	40	103.02	4120.80
45	Providing and applying white cement basd putty of average thickenes 1 mm of approved brand & manufacturer over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	50	77.57	3878.55
46	Plaster drip course in plastered surface or moulding to RCC projections:	metre	10	22.70	226.95
47	Providing & fixing chicken wire mesh in plaster all complete as per specification and direction of Engineer - in - charge.	Sqm	150	36.80	5519.69
48	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded builtup standard tubular and other sections of approved make conforming to IS: 733 and IS:1285, fixed with rawl plugs and screws or with fixing clips or with expansion hold fasteners including necessary filling up of gaps at junctions at top, bottom and sides with required PVC/neoprene felt, etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, aluminium snap beading for glazing/panelling, CP brass/stainless steel screws, all complete as per architectural drawings and direction of Engineer-in-charge. (Glazing and panelling to be paid for separately).				
(a)	For fixed portion				
	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	kg	15	365.47	5481.99

S.No.	Description of Item	Unit	Quantity	Unit Rate (Rs)	Amount (Rs)
(b)	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) (Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	kg	280	414.63	116096.40
49	Providing and fixing double action hydraulic floor spring of approved brand and manufacture IS 6315 marked "hardwyn" make (Model 3000) or equivalent for doors including cost of cutting floors as required, embedding in floors and cover plates with brass pivot and single piece M. S. sheet outer box with slide plate etc. complete as per direction of Engineer-in-charge.				
(a)	With Stainless steel cover plate	each	2	1992.16	3984.32
50	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions, etc., with PVC/neoprene gasket, etc., complete as per the architectural drawings and directions of Engineer-in-charge (Cost of aluminium snap beading shall be paid in basic item).				
(a)	With float glass panes of 5.5 mm thickness(weight not less than 13.75 kg/sqm).	Sqm	6	923.87	5543.19
(b)	With frosted/ground glass panes of 4 mm thickness.	Sqm	7	739.86	5179.00
51	Providing and fixing chromium plated brass 100mm mortice latch and lock with 6 levers and a pair of lever handles with necessary screws etc. complete (best make of approved quality).	each	2	659.43	1318.86
52	Providing and fixing aluminium sliding door bolts 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.				
(a)	300 X 16mm	each	2	207.88	415.75
53	Providing and fixing aluminium tower bolts 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.				
(a)	300 X 10mm	each	2	102.41	204.82
(b)	150 X 10mm	each	2	60.18	120.36
54	Providing and fixing aluminium handles 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.				
(a)	125mm	each	2	63.75	127.50
55	Steelwork welded in built up sections/framed work including providing, cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc., as required.				
(a)	In covering of floors/trenches of control room building with chequered plates, stringers, treads, landings, etc., of staircases involving use of chequered plates, wherever required, all complete.	kg	500	68.54	34272.00
(b)	In gratings, frames, ladders, stair railings, grills, rails, ISMB, ISMC and similar works.	kg	100	79.46	7945.80
56	Providing and laying non-skid fully vitrified tiles in different sizes(thickness to be specified by manufacturer) with water absorption's less than 0.08% and conforming to IS: 15622 of approved make in all colours and shades laid over 20 mm thk cement mortar 1:4 (1 Cement:4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete as per direction of Engineer-in charge.				
(a)	Size of tile 600 x 600 laid in pattern	Sqm	20	1363.84	27276.84

S.No.	Description of Item	Unit	Quantity	Unit Rate (Rs)	Amount (Rs)
57	Providing and laying non-skid fully vitrified tiles in different sizes(thickness to be specified by manufacturer) with water absorption's less than 0.08% and conforming to IS: 15622 of approved make in all colours and shades in skirting ,riser of steps , over 12 mm thk cement mortar 1:4 (1 Cement:4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete as per direction of Engineer-in charge.				
	Size of tile 600 x 600 laid in pattern	Sqm	5	1365.98	6829.92
58	Distempering with 1st quality acrylic distemper (ready mixed) of approved manufacturer, of required shade and colour complete, as per manufacturer's specification.Two or more coats on new work	Sqm	50	38.097	1904.85
59	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work.	Sqm	6	54.93	329.56
60	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 priming coat of exterior primer applied @ 2.20 kg/10 sqm).	Sqm	60	68.85	4131.00
61	Applying priming coat				
(a)	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works.	Sqm	10	21.11	211.14
				TOTAL	28150623.07

ANNEXURE-II

BILL OF QUANTITIES FOR UNDER GROUND EARTHING AND ELECTRODES REV.01					
Name of Project		220kV Switchyard at 1x370MW Yelahanka CCPP			
Name of Work		Bill of Quantity for Under Ground Earthing and Electrodes			
S. No	Description	Unit	Quantity	Unit Rate	Total Amount (Rs.)
1	Unloading, storing and laying of 40 mm dia MS Rods at a depth of 1800 mm measured from the top of Finished Ground Level and bringing out risers just below gravel level near the equipment foundations as per requirement including following works: - excavation of trenches - laying of MS rod - welding of rods (refer Drg. No. TB-3-379-316-010, Sh-17, 18 & 19, Rev 00 for Welding details) - backfilling of soil for bringing out pig tail risers of 40 dia MS rod (approximately 1000) for equipments. Risers shall be raised from the earthmat (at 1800 mm depth) to 150 mm above ground level to the nearest point of the equipment. This shall include all cutting, bending, welding, fixing, application of zinc rich paint on cutting surface, etc to the main earthmesh. - any other work necessary to complete the laying of earthmat (40 mm dia MS rod will be supplied by BHEL)	MT	110	22500	2475000
2	Fabrication & laying of Auxiliary Mat of 40 mm Dia MS Rods at a depth of 300 mm from top of FGL including excavation & backfilling as per Drg No. TB-3-379-316-010, Sh-13, Rev 00. - any other work necessary to complete the laying of earthmat (40 Diameter MS rod will be supplied by BHEL)	Nos.	56	3320	185920
3	Installation of Pipe Electrode(to be driven - 3.0 Mtr) as per Drg. No. TB-STD-316-Pipe Electrode, Rev 00 including following works: - excavation - installing the pipe electrode with alternate layers of Coke/charcoal and salt - backfilling and compaction - Casting the Test Pit with Cast Iron covers - any other work necessary to complete the work (GI Pipe, Nuts, Bolts & Washers and funnel with wire mesh will be supplied by BHEL)	Nos.	2	6687	13374
4	Installing of 40 mm diameter Rod Electrode with test pit (LM, Tower with Peak etc) as per Drg. No. TB-3-379-316-010, Sh-11, Rev 00 including following works: - excavation - installing the rod electrode - backfilling and compaction - Casting the Test Pit with Cast Iron covers - any other work necessary to complete the work (40 mm dia MS rod will be supplied by BHEL)	Nos.	23	4200	96600
5	Installing of 40 mm diameter Rod Electrode without test pit (CVT, LA, Fence Corners etc) as per Drg. No. TB-3-379-316-010, Sh-10, Rev 00 including following works: - excavation - installing the rod electrode - backfilling and compaction - any other work necessary to complete the work (40 mm dia MS rod will be supplied by BHEL)	Nos.	43	2200	94600
TOTAL AMOUNT					2865494

NOTE:-

1) Main earthmat comprising of 40 mm dia MS Rod shall be laid at a depth of **1800 mm** measured from the top of Finished Ground Level.

ANNEXURE -III

BOQ FOR CONSTRUCTION OF STORES

PROJECT: 220KV SUBSTATION AT YELAHANKA IN KARNATAKA					
Sl No.	Description	Unit	Qty.	Unit Rate (Rs.)	Amount (Rs.)
1	Open stores of size 250 Sqm (as per specification enclosed)	Sqm	250	700.00	1,75,000.00
2	Covered store of size 100 sqm (As per specification enclosed).	LOT	1	9,45,000.00	9,45,000.00
	Total Amount (Rs.)				11,20,000.00
	Notes:				
1	The quoted rate should be inclusive of all materials, tools & plants etc. required for above works.				
2	Decision of store location and execution of above items shall be taken by site incharge as per site requirement.				

ANNEXURE-IV

**TRANSMISSION BUSINESS GROUP
(SUB- CONTRACTS MANAGEMENT)
TBG - NOIDA**

PRICE SCHEDULE FORMAT

SUB: EXECUTION AND HANDING OVER OF CIVIL WORKS OF 220 KV SWITCHYARD AT YELAHANKA.

- (a) I/ We hereby agree to execute the above work at ----- % (in figure).....
----- (in words) Above / Below/ At Par the rates of items given in BOQ
for civil works (Annexure-I, II & III) of subject tender.

NOTE:

1. In this annexure the tenderer shall quote a percentage above or below the rates shown in the Bill of Quantities of civil works (Annexure-I, II & III). The percentage quoted shall be clearly written both in words and figures In case of discrepancy in rates in figure and words, the minimum will be taken into account by BHEL.
2. The quoted percentage will apply to the individual items uniformly.

Date:

Place

Signature of tenderer

Name & Designation of authorized person(s) with seal

ANNEXURE-V

SUMMARY OF PRICES FOR EXECUTION AND HANDING OVER OF CIVIL WORKS OF 220 KV SWITCHYARD AT YELAHANKA IN KARNATAKA		
Sl No.	Description	Amount (Rs.)
1 (a)	Total amount as per the rates in BOQ for Civil Works of 220kV switchyard at Yelahanka in Karnataka (Annexure-I)	281,50,623.07
1 (b)	Total amount as per the rates in BOQ for under ground earthing and electrodes work for 220kV switchyard at Yelahanka in Karnataka (Annexure-II)	28,65,494.00
1 (c)	Total amount as per the rates in BOQ for construction of stores for 220kV switchyard at Yelahanka in Karnataka (Annexure-III)	11,20,000.00
1	Total Amount for civil works (Annexure- I, II & III)	321,36,117.07
2	Value of percentage above/below/at par (As indicated in Price Schedule Format, Annexure-IV) applicable to the total amount of civil work (Sl. no. 1 above)% above/below/ At par
3	Total amount for civil work after consideration of percentage above/below/ at par.	