



**BHARAT HEAVY ELECTRICALS LIMITED**  
 RAMACHANDRAPURAM, HYDERABAD-32  
 FACTORY CIVIL ENGINEERING DEPARTMENT

Issued to agency:

## SCHEDULE- A

Tender Notice No:

**PRICE BID**

HY/FCD/OT- 06/2009-10 , Dt:23.07.09

Item no: 01

**Name of work: - Civil works for modification of Reception buliding .**

Sl. No.	Description of the item	Qty	Unit	Rate in Rs	Amount Rs.
<b>Part - I Civil Works</b>					
1	<b>Earth work in excavation in all soils</b> by mechanical means (Hydraulic Excavtors) / manual means in foundations trenches or drains (not exceeding 1.5m in width or 10 Sq.m on plan ) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50M.	200.00	Cu.m	103.40	20680.00
2	<b>Brick work</b> with FPS bricks of class designation 75 in superstructure above plinth level up to ground floor in all shapes and sizes in cement mortar 1:6.	111.00	Cu.m	2357.40	261671.40
3	Providing and laying in position <b>cement concrete</b> of specified garde excluding the cost of centering and shuttering including consolidation by vibrations for all works up to plinth level with <b>1:4:8</b> (1 cement : 4 coarse sand : 8 graded stone aggregate of 20 mm nominal size ).	37.00	Cu.m	2449.00	90613.00
4	Providing and laying in position specified grade of <b>reinforced cement concrete</b> excluding the cost of centering ,shuttering, finishing and reinforcement ,including consolidation by vibrations for all works <b>up to plinth level</b> with <b>1:1½ :3</b> (1 cement : 1½ coarse sand : 3 graded stone aggregate of 20 mm nominal size ).	114.00	Cu.m	3732.00	425448.00
5	<b>Centering and shuttering</b> including strutting, propping etc; and removal of form work, for columns, pillars,peirs,abutments,machine foundations, posts and struts.	758.00	Sq.M	180.40	136743.20
6	<b>Reinforcement for R.C.C. work</b> including straightening , cutting , bending , placing in position and binding grills with binding wire all complete by cold twisted bars.	10.60	M.T	42700.00	452620.00

Sl. No.	Description of the item	Qty	Unit	Rate in Rs	Amount Rs.
7	<b>Filling</b> with available excavated earth (excluding rock) in trenches , plinth , sides of foundations etc. in layers not exceeding 20 cm in depth , consolidation each deposited layer by ramming and watering , lead upto 50.00 m and lift upto 1.50 m.	70.00	Cu.m	45.70	3199.00
8.a	<b>Plastering in CM 1:6 , 20 mm</b> thick to internal and external surfaces of walls including the cost of all materials , labour , curing etc, complete - Upto 10.00 M level.	704.00	Sq.m	95.10	66950.40
8.b	Plastering over <b>roof slab in CM 1:4, 20mm</b> thick mixed with water proofing compound, Make: "Sika" @ 3% by weight of cement as per manufacturer's specification, curing as directed. Rate quoted shall include finishing, cost of all materials and labour etc., complete. (Cement =7.69 kgs/sq.m x3% WP@ Rs 20.00 per kg=Rs 4.61) upto 10 m height.	282.00	Sq m	115.06	32446.92
8.c	<b>Cement Plaster to ceiling /walls with 12mm</b> thick cement plaster finished with a floating coat of neat cement of mix 1:3 ( 1 cement : 3 fine sand ) .	282.00	Sq.m	107.80	30399.60
9	Applying <b>exterior</b> emulsion paint 2 coats to external new plastered surfaces including curing etc., over a coat of primer ( paint will be issued free of cost by BHEL at their stores).	290.00	Sq m	28.20	8178.00
10	Applying two or more coats of distemper with <b>oil bound washable distemper</b> of approved brand and manufacture to given an even shade including preparation of the surface, cost of all labour, material and other incidentals including priming coat with cement primer.	696	Sq.m	41.55	28918.80
11	<b>Dismantling brick masonry</b> walls for all heights, removing and clearing the debries and carting away upto to lead of 2 KM including loading, unloading and spreading segregating useful materials as directed by Engineer-in-charge including the cost of all labour scaffolding etc., complete.	4.50	Cu.m	355.88	1601.46

Sl. No.	Description of the item	Qty	Unit	Rate in Rs	Amount Rs.
12	Supplying and laying of <b>vitrified tiles</b> of brighter shades and marble design of Premium Quality (1st quality ) in required texture, design and colour, for flooring /skirting /cladding using vitrified tiles of size <b>600 x 600mmx8 mm</b> thick of approved make. It includes cost of cutting, chamfering of tiles to required size, with base of Conmax C - 500 tile adhesive for fixing tiles on existing mosaic/cement flooring, jointing the tiles with colour tint etc. complete as directed by Engineer-in-charge. The rate quoted shall include cost of all materials, labour, adhesives, colour tint material, leads and lifts etc. complete. Amount will be paid on the basis of measurement of the area of finished work only. It also includes surface preparation of existing ceramic floor giving necessary slopes, cleaning joints and grouting joints with pigmented additives to match shade of the tile, making pockets for electrical, communication, network cables etc. complete as directed by Engineer-in-charge. Amount will be paid on the basis of measurement for finished work only.	260.00	Sq.m	950.00	247000.00
13	Supply and fixing <b>aluminium partition</b> with new anodised box - section of size 101.60 X 44.45 X 2 mm for verticals, Top & Horizontal and 63.50 X 38.10 X 2 mm for intermediate horizontal at spacing suiting to the site requirements as approved . Wherever doors are coming wooden runners are to be provided into box section. This includes grouting of the frame to the floor properly fixed at ends to walls , cost of aluminium section , labour etc; Complete .( The door opening shall be deducted for payment).	480.00	sq.m	1316.00	631680.00
14	Supply & fixing 5.5 mm thick plain / ground <b>glass</b> to the aluminium frame with rubber beeding screwless snap on clips etc. complete	160	sq.m	668.00	106880.00
15	Supply and fixing 9 mm thick <b>pre-laminated particle board</b> both side laminated exterior grade fixed to frame with rubber beeding screw less snap on clips etc., complete.	320.00	sq.m	534.00	170880.00

Sl. No.	Description of the item	Qty	Unit	Rate in Rs	Amount Rs.
16	Supply and fixing of <b>wooden teakwood doors</b> along with teak wood door frame of required size consist teak scantlings of 100 mm x 75 mm and flush door shutter and laminating both door frame and shutter with premium quality teak veneer in required colour and design and malamine polish. Flush door shutter shall be chemically treated and water/insect/borer proof and 30 mm thick. This includes providing brass hinges, brass aldrops, brass tower bolts, brass handles and brass door stoppers.	21.30	Sq-m	3000.00	63900.00
17	Painting to wooden doors with 2 coats of <b>synthetic enamel paint</b> of approved shade. (The required paint only will be issued free of cost by B.H.E.L at their stores.)	55.38	sq. m	28.50	1578.33
18	Providing and fixing shutters along with frames for toilets that are 30 mm thick factory made PVC rigid foam panelled <b>door and shutters</b> of approved brand made from M.S. tube, 19 gauge thick, size 19x19mm for styles and 15x15mm for top and bottom rails, covered with heat moulded PVC "C" channel of 5mm thick sheet and 30x50mm wide for styles and 5mm thick and 75mm wide PVC sheets for top rail and bottom rail either side and 5 mm thick, 20mm wide cross PVC sheet as gap insert for top rail and bottom rail, paneling of 5mm thick PVC sheet fitted with M.S. frame welded / sealed to the styles and rails with 5x30mm PVC sheet beading on either side and joined together with solvent cement adhesive etc. complete in all respects as per direction of engineer in-charge fixed to frames. This includes providing brass hinges, brass aldrops, brass tower bolts, brass handles and brass door stoppers (For W.C. and bathroom doors).	5.60	Sq.m	1830.00	10248.00
19	Providing and Laying <b>ceramic glazed floor tiles</b> 300 X 300 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 20mm thick cement mortar 1:4 (1cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc; complete.	36.00	Sq m	598.65	21551.40
20	Supply and fixing of <b>vertical blinds</b> 100 mm in required colour along with channels, fabric bottom weights etc complete. The basic cost of the blinds shall be in the range of Rs. 70/- per S Ft. The colour and design of the blinds will be selected by department within the specified cost. The agency shall procure the same.	40.00	Sq-m	800.00	32000.00

Sl. No.	Description of the item	Qty	Unit	Rate in Rs	Amount Rs.
21	Providing and fixing 1st quality <b>ceramic glazed wall tiles</b> conforming to IS : 15622 (thickness to be specified by the manufacture) 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 12mm thick bed of cement mortar 1:3 (1cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 Kg per Sq.m including pointing in white cement mixed with pigment of matching shade complete.	104.00	Sq.m	556.80	57907.20
22	Providing & Fixing of top fixed, side hung of <b>NCL Secular windows</b> fabricated from Roll formed section made of pre painted steel (Base steel as per IS 513 of 0.6 mm thick, 'D' quality, galvanized as per IS 277 with zinc 150 GSM / Sq. Mtr). Section for shutter should be of 46 x 46 mm, external frame should be of 46 x 52 mm, section for glass beading should be of 18 x 25 mm & center mullion should be 46 x 70 mm. The sections to be cut to length, meter joined with corner bracket. Centre mullions are to be fixed using mullion cap. Handle made of high grade aluminium powder coated & with nylon receiver & glazed with 4 mm thick, modi float glass. Gasket made of E.P.D.M. Corner brackets made of C.R.C.A with zinc phosphating. Mullion caps made of glass filled nylon. The above frames should be fixed to the concrete / masonry walls by means of self expanding screws.	36.00	Sq m	4506.70	162241.20
23	Supply & fixing 10 mm thick best quality approved colour and design machine cut <b>granite tiles</b> of size 600 mm x 300 mm with mirror polished granite stone for flooring, platforms, cladding, vanity counter Facia etc and for any other locations including cutting, champering, rounding and mirror polishing etc. complete as directed. Cost of the granite shall be Rs. 650/- per sq. m and tiles will be selected by department within the above specified cost.	62.00	Sq m	810.00	50220.00
24	Supply & fixing of <b>18 mm thick</b> best quality approved colour and design machine cut <b>mirror polished granite slabs</b> in required sizes for counter wash basins, floorings, vanity counter, claddings, facias etc. including cutting, champering, rounding and mirror polishing etc. complete as directed. Cost of granite slabs shall be Rs. 1600/- per Sq. m and granite slabs of required design and colour will be selected by department.	11.00	sq.m	3071.00	33781.00

Sl. No.	Description of the item	Qty	Unit	Rate in Rs	Amount Rs.
25	Supply & fixing of 6 mm thick <b>mirror</b> of approved quality "Modi/Saint Gobain float glass", with 6 mm thick hard board back and with best quality Steam beige frame all round the mirror including necessary clamps, malamine polishing to the beading, including cost of all materials etc. complete.	5.00	Each	1445.00	7225.00
26	Supply and fixing of "Parryware" make ceramic oval shape below counter <b>wash basin</b> size 550 mm x 450 mm, Code No.: 0418, regular in colour (light Ivory) with all accessories like brackets, screws, waste coupling half thread/full thread , connecting hose 2' etc. complete.	4.00	Each	2024.00	8096.00
27	Supply & fixing of new "Parryware" make Indian water closet, <b>Orissa Pan</b> size 580 mmx410mm-Open rim (Code no. C0109) with P/S trap box rim with internal foot treads including ceramic low level flushing cistern 10 liters capacity with Parryware wonder flush kit, regular in colour with all required accessories etc. complete.	2.00	Each	4261.00	8522.00
28	Supply & fixing of new <b>urinary pans</b> "Parryware" make, Ceramic, Model (Cat 0575) "New Magnum Urinal" (600 x 400 mm) along with all accessories, CP spreader brackets etc. regular in colour along with partition for Magnum Urinal ceramic, 'Z' type brackets to be screwed to the wall at the bottom size 810 x 390 mm in regular colour etc. complete.	4.00	Each	3933.00	15732.00
29	Supply and fixing of new "Parry ware" make EWC <b>ceramic cascade water closet</b> suite with "P/S" trap including Cascade seat cover (Cat 8012) with all accessories regular in colour along with (water closet suite including with attached flush cistern 10 litres capacity with parry ware flush fittings) etc complete.	2.00	Each	6985.00	13970.00
30	Supply and fixing of "Jaquar" make Pressmatic <b>pillar cock</b> auto closing system, Cat No. 031	4.00	Each	1400.00	5600.00
31	Supply and fixing of "Jaquar (Continental)" make <b>sink cock</b> with raised 'J' shaped swinging spout, Cat No. 359	2.00	Each	1060.00	2120.00
32	Supply and fixing of "Jaquar" make <b>angular stop cock</b> , Cat No. 053	10.00	Each	495.00	4950.00
33	Supply and fixing of "Jaquar (Florentine)" make <b>2-way bib cock</b> with wall flange	4.00	Each	1230.00	4920.00

Sl. No.	Description of the item	Qty	Unit	Rate in Rs	Amount Rs.
34	Supply and fixing of "Jaquar (Allied)" make <b>Health Faucet</b> with 8 mm dia, 1 m long flexible tube and wall hook,	2.00	Each	1325.00	2650.00
35	Supply and fixing of "Base" make <b>Paper Holder</b> (EX - 5406).	2.00	Each	500.00	1000.00
36	Supply and fixing of "Base" make <b>towel ring</b> (EX - 5402).	4.00	Each	500.00	2000.00
37	Supply and fixing of "Base" make <b>Soap dish</b> (EX - 5403).	4.00	Each	500.00	2000.00
38	Supply and fixing of "Base" make <b>Odonil Holder</b> (EX - 5407).	4.00	Each	500.00	2000.00
39	Supplying and fixing CI <b>Nahany traps</b> 1st quality ISI marked conforming to IS: 1729 - 1979 with C.P Grating fixing with white cement as per site requirements with standard practice - 100mm inlet - 75 mm dia (3") outlet pipe - 4 Kgs.	2.00	Each	200.00	400.00
40a	Supply & fixing <b>15 mm dia Nominal Bore GI pipe medium Grade properties</b> and weight as per IS 1239 ISI mark with GI fittings including the cost of GI pipe & its fittings, chasing brick work/concrete and making good the same ,cost of labour , all materials etc. complete.	5.00	RM	131.00	655.00
b.	.. Do... 20mm dia (3/4")	50.00	RM	146.00	7300.00
c.	.. Do... 25mm dia (1")	50.00	RM	191.00	9550.00
41.	Supply & fixing of <b>Gunmetal Gate (GM peet) valve</b> as per IS -778 class-I, Indian make heavy type 15 mm (1/2") dia NB size.	2.00	Each	242.00	484.00
b	.. Do .. 20mm dia (3/4")	4.00	Each	327.00	1308.00
c.	.. .do ...25mm dia (1")	4.00	Each	482.00	1928.00
42	Supplying ,laying ,jointing and testing 152.4 mm (6") <b>SWG pipes</b> of ISI make conforming to ISI 651 & 4127 with airtight cement joints in Cement mortar 1:5:1 prop. including excavation of trenches and socket pits in anysoil(except rock requiring blasting) up to 1524 mm(5'.0") depth and refilling with watering and tamping.	45.00	RM	254.00	11430.00
43	Supplying and fixing plain <b>PVC pipe of 75mm dia (as per IS 4kg/sq.m)</b> of approved quality with specials, accessories and approved sealing /jointing compound on the exterior of the inserted portion of the fitting and fixing in position and joing to MS gutters , including cost of all materials ,sealing compound ,labour etc., for all heights complete	10.00	RM	55.90	559.00

Sl. No.	Description of the item	Qty	Unit	Rate in Rs	Amount Rs.
44	Supplying and fixing plain PVC pipe of <b>110mm dia (as per IS 4kg/sq.m)</b> of approved quality with specials, accessories and approved sealing /jointing compound on the exterior of the inserted portion of the fitting and fixing in position and joining to MS gutters , including cost of all materials ,sealing compound ,labour etc., for all heights complete	34.00	RM	99.22	3373.48
45. a	<b>Felling trees</b> of the girth (measured at a height of 1m above ground level) including cutting of trunks and branches removing the roots and stacking of serviceable materials and disposal of unserviceable materials - upto 1.20 M	5.00	Each	359.80	1799.00
b	---- upto 2.40 m---	2.00	Each	1658.85	3317.70
46	Supplying and fixing position <b>PVC tank</b> of 1000 Liters capacity double layer of approved make including giving inlet and out let connections, cost of all materials like GI specials, labour etc, complete	2.00	Each	6000.00	12000.00
47	Construction of <b>brick masonry chamber</b> of dimension 0.914 x 0.457 x 0.914 m (3' x 1'6" x 3') with brick in CM 1:6 including plastering over both sides with CM 1:4, 20 mm thick and fitted with light weight CI frame and cover of size 0.914 x 0.457 m in CM 1:4 including bed concrete of CC 1:4:8 as required, supplying and fixing one CI steps in brick masonry if necessary including earth work excavation in all soils, refilling around the chamber removing the surplus earth etc. complete as directed.CI frame and cover of 40 kgs.	2.00	Each	3226.00	6452.00
48	Providing and Fixing in position <b>collapsible steel shutters</b> with channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size with top and bottom Rail of T-iron 40x40x6 mm with 40 mm dia,steel pulles complete with bolts,nuts,locking arrangement,stopppers,handles including applying a primary coat of approved steel primer.	2.31	Sq m	2592.70	5989.14
49	Construction of brick masonry chamber of size 23 x 30 Cm (9" x 12") in brick work in CM 1:6 and plastering in CM 1:4, 20 mm for <b>gully trap</b> 150 mmx100mm including cost of excavation, PCC 1:4:8, 75 mm thick, all materials, labour etc., complete.	2.00	Each	321.00	642.00

Sl. No.	Description of the item	Qty	Unit	Rate in Rs	Amount Rs.
50	Supply and fixing of <b>aluminum window grills</b> of size 1.50 Mx1.80M and 1.20 mx1.80M . along with aluminium frame consisting aluminium 'F' (solid) 0.80kg/12' supply and fixing of design of 4" aparture aluminium grill to the above frame work with necessary fixtures. It includes fixing of total frame to the existing brick work, finishing etc complete. (The material shall be aluminium alloy :6063, thick 7 mm, ultimate tensile strength more than 19 kgs/sq.mm)	36.00	sq.m	1540.00	55440.00
51	Clearing grass and removal of the rubbish up to a distance of 50 m out side the periphery of the area cleared	600.00	sq.m	1.35	810.00
<b>Total of Part -I ( Civil Works)</b>					<b>3353559.23</b>
<b>Part - II Electrical Works</b>					
1	<b><u>ELECTRICAL WORKS</u></b> <b>Cable Raceways</b> Supply, installation, testing & Commissioning of Raceways with covers & Cable Trays with suitable covers for all ratings of power supply points, both 230VAC and 415 V AC. Supply & Installation of 96x38 GI ladder type Cable Tray with all accessories and supporting arrangement from ceiling or Wall complete in all respects.	20.00	One	375.00	7500.00
2	Supply, Installation and commissioning of 8 way, TPN, MCB type Power Distribution Board (PDB) flush mounted on wall, sheet metal fabricated, powder coated, having dust-proof and vermin' proof, and hinged door with all internals such as DIN rails, neutral-link, interconnected wiring complete with earthing lugs housing following switchgears: 63A, FP ELCB as incomer(100mA) - 1 No. 16/20A, SP, MCB outgoing(10KA) - 24 Nos. <b>Make : Siemens/Legrand/Hager</b>	1.00	One	8125.00	8125.00
3	<b>CABLES / MAINS</b> Supply & Installation of 1100V grade FRLS flexible armoured cable having sector / circular shaped aluminum / copper conductor PVC insulated cores, laid up, PVC tape wrapped inner sheathed, GI strip / wire armoured and overall extruded PVC sheathed confirming to IS:1554 laid on wall/ceiling using GI clamps & spacers as per route shown at site and further as directed by Consultant at site in the following sizes, complete in all respects.: Supply & laying of 4C x 16 SQ.MM Copper armoured flexible cable in suitable size of PVC Conduit.	30.00	One	900.00	27000.00

Sl. No.	Description of the item	Qty	Unit	Rate in Rs	Amount Rs.
4	Supply and installation of end terminations for above mentioned cables, including compressed type brass glands, crimping type copper lugs, insulation tape etc. as required complete with earthing of glands in following size, complete in all respects. 4C x 16 SQ.MM copper armoured flexible cable	2.00	Each	650.00	1300.00
5	<b>WIRING</b> Supply & Installation of surface/concealed point wiring FRLS using 600v grade 1.5 SQ.MM copper conductor PVC insulated wires (with proper R,Y,B color code ) pulled through 1.2mm thick PVC conduits laid concealed over false ceiling or in wall chases including 1.0 SQ.MM green color copper earth wire and provision of grid plate type switches as approved by architect, complete in all respects. Primary light/fan points of 10A switch (Switch shall be of <b>ROMA type</b> )	40.00	Each	945.00	37800.00
6	Supply & installation of above for Secondary light/fan points looped from the above point.	10.00	Each	335.00	3350.00
7	Supply & installation of Hub/Server Room Power Points(3R of 4sqmm copper wire in PVC conduit) with 32A Metal Clad Socket with M.S Enclosure control by a 32 A DP MCB.with Top in enclosure from Hub/Server room DB.	1.00	Each	2400.00	2400.00
8	Supply and laying of 1100V grade PVC insulated, copper conductor cables in 1.5mm thick P.V.C. conduits, run above the false ceiling, concealed in the wall or partition, saddles at every 600mm c/c. A separate neutral shall be run for each circuit. The rate shall include all fixing accessories like collars, tees, elbows, providing fan hooks, ceiling roses, holders, wooden blocks, switches, sockets, switch mounting MS boxes, MS Junction Boxes etc., of approved make, complete in all respects, for sl.No. 9 & 10 (Separate rate is not required to be quote for item No.8)				0.00
9	Supply and laying of 2 runs of 2.5 SQ.MM. PVC insulated copper conductor FRLS cable along with 1run of 1.5Sq.mm PVC insulated copper conductor cable. Run in a 19mm dia. 1.2mm thick PVC conduit on surface of the ceiling or in wall.	600.00	One	125.00	75000.00
10	Supply and laying of 2 runs of 4.0 SQ.MM. PVC insulated copper conductor FRLS cable along with 1 run of 1.5Sq.mm PVC insulated copper conductor cable. (1-PH AC'S) Run in a 25mm dia., 1.2mm thick PVC conduit, on surface of the ceiling or in wall, complete in all respects.	125.00	One	150.00	18750.00

Sl. No.	Description of the item	Qty	Unit	Rate in Rs	Amount Rs.
11	Supply and installation of 10A, 5 pin 4 nos. shuttered type sockets controlled by 1no. 20A switch with suitable size of front plate etc. in consultation with engineer in charge, complete in all respects. Make: ROMA OF ANCHOR	15.00	Each	1350.00	20250.00
12	Supply and installation of one no 10A/20A 5pin shuttered type sockets controlled by 1no. 10A/20A switch with suitable size of front plate etc. Make: ROMA OF ANCHOR	20.00	Each	800.00	16000.00
13	Supply & fixing of 25 Amps, 240 V box type mounting double pole MCB and heavy duty plug & socket with over load & short circuit protection of North West make catalogue No ACPU 6M-BTJ fixed on a suitable modular type concealed box with suitable top cover for ACs.	6.00	Each	1050.00	6300.00
14	<b>EARTHING</b> Supply and installation of 2 nos. of separate earth pits each with material for power and network (including excavation) comprising of 600mm x 600mm x 3mm thick copper plate buried at a minimum depth of 2.5 meter including necessary materials like charcoal, salt etc as required conforming to BIS standards having brick masonry chamber with hinged cover and watering arrangement, complete in all respects.	1.00	Each	21000.00	21000.00

Sl. No.	Description of the item	Qty	Unit	Rate in Rs	Amount Rs.
15	Supply and installation of isolated earthing system for computer etc. using insulated green copper earthing wire laid through 20mm PVC conduits from separately made earth pit to the equipment in following sizes Supply and installation of 16 sqmm, cu., in 20mm PVC flexible conduit.	20.00	One	150.00	3000.00
16	Supply and installation of 6 sqmm, cu in 20mm PVC flexible conduit.	60.00	One	75.00	4500.00
17	<b>LIGHTING FIXTURES</b> Supply and installation of Energy efficient light fitting, T5 type 2X28W industrial luminaire with 28W T5 Fluorescent lamps. This includes supply & fixing of downrods, round blocks, connecting the copper twin twisted wire from ceiling rose to fitting and other accessories. Make: Philips/Asian Electronics.	35.00	Each	2500.00	87500.00
18	Supply and installation of 300mm(12") sweep Heavy duty exhaust fans. Which includes assembling and testing of all fans. The fans are to be rigidly fixed to wall with suitable arrangement. Black color, double ball bearing, low noise, white epoxy powder coated paint finish with bird guard. Make shall be: Orient/Usha/Crompton.	2.00	Each	2200.00	4400.00
19	Supply & installation of ceiling fan 1400mm sweep (56") double ball bearing type, ISI mark, white colour with all standard accessories including fan hook, downrod, clamps and connecting it up to the fan point with suitable length of 16/0.2mm PVC insulated twin twisted copper conductor cable. Make : Orient/Usha/Crompton.	13.00	Each	2500.00	32500.00
20	Supply and fixing of fan speed regulator Dura EME of Anchor code :21496 fixed on a suitable Modular type concealed box with suitable top cover for Ceiling Fans.	13.00	Each	450.00	5850.00
21	Proper dressing of all the existing power cable and terminated properly by using suitable lugs, ferrules etc.	1.00	LS	2000.00	2000.00
<b>Total Part - II (Electrical Works)</b>					<b>384525.00</b>
<b>Grand Total : Rs</b>					<b>3738084.23</b>

**Rupees : Thirty Seven lakhs thirty eight Thousand nine hundred sixty only.**

**Service Tax:-** The Service tax as applicable is extra which will be paid by BHEL to the agency after submission of necessary valid documents by the agency.

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**Note :** The Tenders are required to quote the tender value on percentage (%) basis at excess or less or on as per estimate value

Tender %	In figure	In words
Excess		
Less		
Estimated Rate only		

Name of the Contractor :

Signature of the Contractor

Accounts Representative

Opening officer