



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM::HYDERABAD::32
FACTORY CIVIL ENGINEERING DEPARTMENT

SCHEDULE- A

Tender Notice No:

HY/FCD/OT-09/2012-13, Dt: 07.07.2012

PRICE BID

Item no.: 3

Name of work: Renovation of office cabins in 51 block.

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
	Part-I (Old cabins-51 block)				
1	Earth work excavation in all soils by mechanical means (Hydraulic Excavators) / 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 etc. complete as directed by Engineer-in-charge.	24.00	Cu.m	103.40	2,481.60
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering including consolidation by vibrations for all works up to plinth level with 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate of 20 mm nominal size) etc. complete as directed by Engineer-in-charge.	6.00	Cu.M	1,560.50	9,363.00
3	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement, including consolidation by vibrations for all works up to plinth level with 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate of 20 mm nominal size) etc. complete as directed by Engineer-in-charge.	31.00	Cu.M	1,641.30	50,880.30
4	Coursed rubble masonry in second sort with hard stone in foundation & plinth with cement mortar 1:6 (1 cement : 6 coarse sand) etc. complete as directed by Engineer-in-charge.	13.00	Cu.M	1,521.00	19,773.00
5	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding grills with binding wire all complete by cold twisted bars etc. complete as directed by Engineer-in-charge.	2.99	M.T	4,003.00	11,968.97
6	Centering and shuttering including strutting, propping etc.; and removal of form work, for columns, pillars, piers, abutments, machine foundations, posts and struts etc. complete as directed by Engineer-in-charge.	200.00	Sq.M	180.40	36,080.00
7	Brick work with clay flyash FPS brick of class designation 75 in super structure above plinth level upto floor five level in cement mortar 1:6 (1 cement : 6 Coarse sand) etc. complete as directed by Engineer-in-charge.	85.00	Cu.M	1,808.00	1,53,680.00

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
8a	Plastering in CM 1:6, 20 mm thick to internal and external surfaces of walls including the cost of all materials, labour, curing etc. complete -Upto 10.00 M level etc. complete as directed by Engineer-in-charge.	422.00	Sq.m	65.80	27,767.60
b	Cement Plaster to ceiling /walls with 12mm thick cement plaster finished with a floating coat of neat cement of mix 1:3 (1 cement : 3 fine sand) etc. complete as directed by Engineer-in-charge.	150.50	Sq.m	59.00	8,879.50
9	Conveyance of excavated spoil up to a lead of 2 Kms, including loading, unloading and spreading etc. complete as directed by Engineer- in- charge.	24.00	Cu.M	56.41	1,353.84
10	Plastering over roof slab in CM 1:4, 20mm 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 etc. complete as directed by Engineer-in-charge.	42.00	Sq.m	81.30	3,414.60
11	Dismantling the existing wooden / aluminium partitions into small units including removing doors, glass panes, etc., transporting and stacking carefully for reuse, in the departmental stores complete. All as directed by the Engineer-in-charge.	268.00	Sq. m	117.70	31,543.60
12	Dismantling steel work in built up sections in angles tees, flats and channels including all gusset plates, bolts, cutting rivets, welding etc., including dismembering and stacking within 50 meters lead etc. complete as directed by Engineer-in-charge.	150.00	MT	890.11	1,33,516.50
13	Applying two coats of oil bound distemper of given shade over a coat of primer including through cleaning of the surfaces, cost of all labour and other incidentals. (Only OBD, OBD Primer Paint will be issued by BHEL on FREE of cost at their stores) etc. complete as directed by Engineer-in-charge.	627.00	Sq.m	29.00	18,183.00
14	Applying exterior emulsion paint two coats of given shade on old surfaces of walls at all heights of the buildings of shop annexes including scraping the old surfaces, cost of all labour and other incidentals. (Only exterior emulsion Paint will be issued by BHEL on FREE of cost at their stores) etc. complete as directed by Engineer-in-charge.	568.80	Sq.m	20.55	11,688.84

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
15	Supplying and laying of vitrified tiles 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 600 x 600mmx8 mm thick of approved make. It includes cost of cutting, champering 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 etc. complete as directed by Engineer-in-charge.	328.50	Sq.m	950.00	3,12,075.00
16	Supply & fixing of full height aluminium door with double leaf manual slide opening mechanism at main entrance in required size made out of anodised aluminum box section of size 44.50x47.50x2 mm for verticals, top and middle rails and 101.60x44.50x2 mm for bottom rail inclusive of supply & fixing of all aluminium fixtures and fittings suitable to the door sliding mechanism, handles, suitable locking arrangement etc. complete, wherever members are joined wooden runners are to be inserted in the box section. This includes grouting of rails/aluminum sliding sections to the floor properly etc. complete as directed by Engineer-in-charge. Providing & fixing of 12 mm toughened glass with rubber beading with screw less snap on clips etc. for top portion of the door frame of approximate size 3' x 2.5' on each door leaf and 12 mm thick "Novapan" particle board, exterior grade, laminated on both sides fixed to bottom portion of the door frame of approximate size 3' x 4.5' on each door leaf with rubber beading, screw less snap on clips etc. complete. (No. of door -1,	69.80	Sq.m	4,000.00	2,79,200.00
	door leaf - 2 Nos.and the approximate size of the door is 1.8x2.4 m - 2 Nos. & 1.2x2.1 m - 2 Nos etc. complete as directed by Engineer-in-charge.				

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
17	Providing & Fixing of top fixed, side hung of NCL Secular windows 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. Million caps made of glass filled nylon. The above frames should be fixed to the concrete / masonry walls by means of self expanding screws etc. complete as directed by Engineer-in-charge.	9.00	Sq.m	4,046.00	36,414.00
18	Supply and aluminium partition 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 inter mediate 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 flooe properly fixed at ends to walls, cost of aluminium section , labour etc.; Complete. (The door opening shall be deducted for payment) etc. complete as directed by Engineer-in-charge.	172.50	One sq.m	1,316.00	2,27,010.00
19	Supply and fixing 5.0 mm thick (Modi Float /Saint gobin glass) plain glass to the aluminium frame with rubber beading, screw less snap on clips etc. complete as directed by Engineer-in-charge.	172.50	One sq.m	557.35	96,142.88
20	Providing and fixing in true horizontal level 600 mm x 600mm false ceiling system manufactured by M/s. Armstrong World Industries using DUNE SUPREME RH 99 MICROLOOK EDGE WITH SILHOUETTE GRID, using hot dipped galvanized steel section, rotary stitched main tee of size 15mm x 42 mm web height, having 0.36 mm gauge at every 600 mm center to center maximum and rotary stitched cross tee of size 15 mm x 42 mm, having 0.33 mm gauge at every 600 mm. c/c. and wall angle of size 19 x 19 mm., having 0.35 mm gauge fixed to the periphery of the wall. The above grid is suspended at every 600mm c/c. in both directions using 2.0 mm. thick pre-straightened GI wire, and laying Dune Supreme Microlook Edge ceiling tiles manufactured by M/s. Armstrong World Industries, of size 600mmx600mmx15mm having NRC 0.50, Light reflectance of >85% (WT), thermal conductivity k = 0.052-0.057 W/m0K, Humidity Resistance of 99% (having LIFETIME GUARANTEE against SAG), having Fire Performance CLASS O / CLASS 1 (BS 476), surface having 3 coats of white paint - crisp finely granulated with micro perforations,	169.00	Sq.m	1,130.00	1,90,970.00

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
	back of the tile duly sanded and finished with a coat of protective paint over the formed grid and complete in all respects. Boards, where light fixtures to be fixed shall be handed over to Department etc. complete as directed by Engineer-in-charge. Make: Armstrong				
21a	Fabrication of structural steel work including all materials going into the process of fabrication and forming an integral part of steel work together with all shop and site rivets and electrodes for site welding as necessary and all site connections comprising sag rods, floor beams, girders, bracings, trusses and frame work for fixed false ceiling and for movable false ceiling, purlins with channel / angles, MS flat supports including all connections as per detailed drawings connected steel works etc., cleats, gusset plates, all bolts, nuts, washers, base plates, anchor bolts as per detailed drawings, cutting, welding and painting 2 coats of red-oxide primer before erection etc., complete. The rate shall include painting 2 coat of Red-oxide as per IS specifications and all charges for handling, leading and loading at the fabrication yard. The raw structural steel sections, electrodes, gasses will be issued by BHEL on FREE of cost at their stores etc. complete as directed by Engineer-in-charge.	5.91	MT	7,563.80	44,702.06
b	Erection of Steel work out lined in item No.1 above including the charges for handling, leading and stacking at site at approved locations prior to erection including all site riveting, bolting, jointing and site welding where ever required etc. complete as directed by Engineer-in-charge.	5.91	MT	3,241.60	19,157.86
c	Painting at site of all structural steel work with 2 coats of aluminium paint / synthetic enamel paint of approved shade to trusses, columns, girders, bracings etc., with aluminium paint or synthetic enamel paint as required etc., complete. The required paint only will be issued free of cost by B.H.E.L at their stores etc. complete as directed by Engineer-in-charge.	5.91	MT	596.50	3,525.32
22	Supplying and fixing of Tracked Hi-rib single skin galvalume / Zinalume sheets of 0.5 mm thick. One Meter width and length upto 12 M with Factory cut and fixing to the roof shall be crest fixed to roof purlins with number 12 14 x 55 mm long polymer coated galvanized hex-head self drilling screws with integral washers and EPDM seals (4 fasteners per support) for sheet etc., complete as directed. (Including cost of galvalume sheets). - for roofing bare galvalume etc. complete as directed by Engineer-in-charge.	117.00	Sq.m	545.90	63,870.30
		Total Part-I		₹	17,93,641.75
	Add increase in Vat 1% over the material cost (70% of Above value)			₹	12555.49
	Total			₹	18,06,197.25

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
Part-II (51 shop IT Networking)					
1	Supply, fixing and termination of CAT-6 Information Out Let, Face Plate with Back box Make: D-Link / Dig link / Legrand / Pnduit / Systimax / Tyco	45.00	Nos	285.00	12,825.00
2	Supply and laying of Cat-6 UTP Cable Make: D-Link / Dig link / Legrand / Pnduit / Systimax / Tyco	1,800.00	Mtrs	23.60	42,480.00
3	Supply and laying/Fixing of 1" PVC Pipe Make: with ISI mark	180.00	Mtrs	31.00	5,580.00
4	Supply and Laying/Fixing 2" PVC Caising and Capping Make: with ISI mark	225.00	Mtrs	43.00	9,675.00
5	Supply and termination of CAT-6 Jack panel 24 port. Make: with ISI mark	3.00	Nos	4,400.00	13,200.00
		Total Part-II		₹	83,760.00
Part-III (51 shop cabins & false ceiling)					
1	Brick work with clay flyash FPS brick of class designation 75 in super structure above plinth level upto floor five level in cement mortar 1:6 (1 cement : 6 Coarse sand) etc. complete as directed by Engineer-in-charge.	5.00	Cu.M	1,808.00	9,040.00
2	Plastering in CM 1:6, 20 mm thick to internal and external surfaces of walls including the cost of all materials, labour, curing etc. complete -Upto 10.00 M level etc. complete as directed by Engineer-in-charge.	422.00	Sq.m	65.80	27,767.60
3	Thorough cleaning of existing oil bound distemper paint/white washing with water by scrapers or any other suitable tools and applying one coat of oil based cement primer and applying 3 coats altek lappam one coat after drying the previous coat and sand papering and applying one coat of oil bound cement primer etc., complete as directed by the Engineer-in-charge. (Only OBD Paint will be supplied by BHEL) etc. complete as directed by Engineer-in-charge.	50.00	Sq.m	84.10	4,205.00
4	Applying two coats of oil bound distemper of given shade over a coat of primer including through cleaning of the surfaces, cost of all labour and other incidentals. (Only OBD, OBD Primer Paint will be issued by BHEL on FREE of cost at their stores) etc. complete as directed by Engineer-in-charge.	55.00	Sq.m	29.00	1,595.00
5	Applying two coats of synthetic enamel paint of given shade to old steel work including scraping old surfaces, cost of all labour, tools and other incidentals etc. Complete.(Only Synthetic enamel Paint will be issued by BHEL on FREE of cost at their stores) etc. complete as directed by Engineer-in-charge.	125.00	Sq.m	20.00	2,500.00

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
6	Supply & fixing of full height aluminium door with double leaf manual slide opening mechanism at main entrance in required size made out of anodised aluminum box section of size 44.50x47.50x2 mm for verticals, top and middle rails and 101.60x44.50x2 mm for bottom rail inclusive of supply & fixing of all aluminium fixtures and fittings suitable to the door sliding mechanism, handles, suitable locking arrangement etc. complete, wherever members are joined wooden runners are to be inserted in the box section. This includes grouting of rails/aluminum sliding sections to the floor properly etc. complete as directed by Engineer-in-charge. Providing & fixing of 12 mm toughened glass with rubber beading with screwless snap on clips etc. for top portion of the door frame of approximate size 3' x 2.5' on each door leaf and 12 mm thick "Novapan" particle board, exterior grade, laminated on both sides fixed to bottom portion of the door frame of approximate size 3' x 4.5' on each door leaf with rubber beading, screwless snap on clips etc. complete. (No. of door -1, door leaf - 2 Nos.and the approximate size of the door is 1.8x2.4 m - 2 Nos. & 1.2x2.1 m - 2 Nos etc. complete as directed by Engineer-in-charge.	4.50	Sq.m	4,000.00	18,000.00
7a	Supply and aluminium partition 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 inter mediate 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 flooe properly fixed at ends to walls, cost of aluminium section, labour etc.; Complete. (The door opening shall be deducted for payment) etc. complete as directed by Engineer-in-charge.	61.00	One sq.m	1,316.00	80,276.00
b	Supply and fixing 5.0 mm thick (Modi Float /Saint gobin glass) plain glass to the aluminium frame with rubber beading, screw less snap on clips etc. complete as directed by Engineer-in-charge.	61.00	One sq.m	557.35	33,998.35

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
8	<p>Providing and fixing in true horizontal level 600 mm x 600mm false ceiling system manufactured by M/s. Armstrong World Industries using DUNE SUPREME RH 99 MICROLOOK EDGE WITH SILHOUETTE GRID, using hot dipped galvanized steel section, rotary stitched main tee of size 15mm x 42 mm web height, having 0.36 mm gauge at every 600 mm center to center maximum and rotary stitched cross tee of size 15 mm x 42 mm, having 0.33 mm gauge at every 600 mm. c/c. and wall angle of size 19 x 19 mm., having 0.35 mm gauge fixed to the periphery of the wall. The above grid is suspended at every 600mm c/c. in both directions using 2.0 mm. thick pre-straightened GI wire, and laying Dune Supreme Microlook Edge ceiling tiles manufactured by M/s. Armstrong World Industries, of size 600mmx600mmx15mm having NRC 0.50, Light reflectance of >85% (WT), thermal conductivity k = 0.052-0.057 W/m0K, Humidity Resistance of 99% (having LIFETIME GUARANTEE against SAG), having Fire Performance CLASS O / CLASS 1 (BS 476), surface having 3 coats of white paint - crisp finely granulated with micro perforations,</p> <p>back of the tile duly sanded and finished with a coat of protective paint over the formed grid and complete in all respects. Boards, where light fixtures to be fixed shall be handed over to Department etc. complete as directed by Engineer-in-charge. Make: Armstrong</p>	169.00	Sq.m	1,130.00	1,90,970.00
	Total			₹	3,68,351.95
	Add increase in Vat 1% over the material cost (70% of Above value)			₹	2,578.46
		Total Part-III		₹	3,70,930.41
	Part-IV (51 shop electrical estimate)				
1	<p>Supply and execute the concealed/surface PVC/MS pipe wiring with 1.5 sq. mm. 660/1100V Grand PVC insulated cooper wire multi-strand of make FINOLEX/Radiant/Fincab/Havells/L&T in PVC pipes of suitable dia(as per IS for wiring points) with 14G/1.5 sq. mm green colour cooper wire for earth continuity. Supply of three plate/ pin rose of roma modular type of anchor or North west make for connecting each each light/fan point. each point should not have more than 7 points 700 watts etc. complete as directed by Engineer-in-charge.</p>	44.00	pts	1250.00	55,000.00

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
2	Supply and installation of concealed/surface PVC/MS wiring with 2.5 sq. mm PVC insulated copper wire multi-strand of make FINOLEX/ Radiant/ Fincab/Havells/L&T. the wiring points of 16/20 A power socket including 14G/1.5 sq. mm green colour cooper wire for earth continuity. Independent circuit for each socket from power MCB distribution board (as per IS for wiring points) testing and commissioning. the wiring should not be mixed with lighting pipe wiring and it should run separately in the room/shed at a height of 2 feet from the ground level as per site engineers instruction etc. complete as directed by Engineer-in-charge.	16.00	pts	1750.00	28,000.00
3	Supply and fixing of 10 amps 250V SP switches for control of light fitting and fan with roma type code:21011 of anchor or north west make, fixed on a modular type concealed box with suitable top cover. Testing and commissioning etc. complete as directed by Engineer-in-charge.	28.00	nos	300.00	8,400.00
4	Supply of 3 pin, 250 V, 16/20 Amps power socket cum switch with indication Roma type code: 21124 and 21066 of anchor or north west make, fixed on a suitable modular type concealed box top cover. Testing and commissioning etc. complete as directed by Engineer-in-charge.	16.00	nos	600.00	9,600.00
5	Shifting, assembly, erection and commissioning of 2*36 watts different types of tube light fittings. The light fitting shall be fixed with a suitable down rod, ball and socket etc. and the supply of materials is in the contractors scope. The job includes supply of 1.5 sq. mm cooper wire for connection between ceiling rose and TL etc. complete as directed by Engineer-in-charge.	14.00	nos	600.00	8,400.00
6	Shifting, assembly, erection and commissioning of ceiling fan. The job includes supply of 1.5 sq. mm cooper wire for connection between ceiling rose and fan. Scope includes supply and fixing of fan hook/anchor bolt and electronic regulator etc. complete as directed by Engineer-in-charge.	14.00	nos	950.00	13,300.00
7	Supply and fixing of 3 pin. 250 V,10 amps socket cum switch with indication Roma type code:21113 and 21033 of anchor or north west make, fixed on a suitable modular type concealed box top cover. Testing and commissioning etc. complete as directed by Engineer-in-charge.	16.00	nos	525.00	8,400.00
8	Supply and installation of MCB DB with TPN 415 V, 4 way (for lighting circuit) consisting of 10 to 20 amps- 4 nos. MCBs on each phase with single door metallic cover, sheet enclosed, dust and vermin proof along with controlling 63A 4 pole isolator switch fuse unit with HRC fuses, cable entry and reverse entry box , cable glands, pvc making furreles,etc. it is to be concealed in the wall or as per site engineers instruction. the job includes labeling/ writing the connection chart inside the door with white DUCO paint as required, double earthing, testing and commissioning etc. complete as directed by Engineer-in-charge.	1.00	nos	6500.00	6,500.00
		Total Part-IV		₹	1,37,600.00

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
Part-V (51 office cabin electrical estimate)					
1	Supply and execute the concealed/surface PVC/MS pipe wiring with 1.5 sq. mm. 660/1100V Grand PVC insulated cooper wire multi-strand of make FINOLEX/Radiant/Fincab/Havells/L&T in PVC pipes of suitable dia(as per IS for wiring points) with 14G/1.5 sq. mm green colour cooper wire for earth continuity. Supply of three plate/ pin rose of roma modular type of anchor or North west make for connecting each each light/fan point. each point should not have more than 7 points 700 watts etc. complete as directed by Engineer-in-charge.	90.00	pts	1250.00	1,12,500.00
2	Supply and installation of concealed/surface PVC/MS pipe wiring with 2.5 sq. mm PVC insulated copper wire multi-strand of make FINOLEX/ Radiant/ Fincab/Havells/L&T. the wiring points for 20/16 A power socket including 14G/1.5 sq. mm green colour copper wire for earth continuity. Independent circuit for each socket from power MCB distribution board (As per IS for wiring point) testing and commissioning. The wiring should not be mixed with lighting pipe wiring and it should run separately in the room/shed at a height of 2 feet from the ground level as per site engineers instruction etc. complete as directed by Engineer-in-charge.	30.00	pts	1750.00	52,500.00
3	Supply and fixing of 10 amps 250V SP switches for control of light fitting and fans with Roma type code:21011 of anchor or north west make, fixed on a modular type concealed box with suitable top cover. Testing and commissioning etc. complete as directed by Engineer-in-charge.	60.00	nos	300.00	18,000.00
4	Supply and fixing of 3 pin, 250 V, 20/16 Amps power socket cum switch with indication Roma type code: 21124 and 21066 of anchor make or north west make, fixed on a suitable modular type concealed box top cover. Testing and commissioning etc. complete as directed by Engineer-in-charge.	30.00	nos	600.00	18,000.00
5	Shifting, assembly, erection, testing and commissioning of 2x36 watts different types of tube light fittings. The light fitting shall be fixed with suitable down rod, ball and socket etc. and the supply of the material is in the contractors scope. The job includes supply of 1.5 sq. mm copper wire for connection between ceiling rose and TL etc. complete as directed by Engineer-in-charge.	30.00	nos	550.00	16,500.00
6	Supply and fixing of 3 pin. 250 V, 10 amps socket cum switch with indication Roma type code:21113 and 21033 of anchor make or north west. Fixed on suitable modular type concealed box top cover. Testing and commissioning etc. complete as directed by Engineer-in-charge.	30.00	nos	950.00	28,500.00

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
7	Shifting, assembly, erection, testing and commissioning of ceiling fan. The job includes supply of 1.5 sq. mm copper wire for connection between ceiling rose and fan. Scope includes supply and fixing of fan hook/anchor bolt and electronic regulator etc. complete as directed by Engineer-in-charge.	30.00	nos	525.00	15,750.00
8	Supply and installation of MCB DB with TPN 415 V, 12 way (for lighting circuit) consisting of 10 to 20 amps- 12 nos. MCBs on each phase with double door metallic cover, sheet enclosed, dust and vermin proof. Models s210 of STANDARD/KOPP MAKE along with controlling 100A ICTPN (Sheet enclosure standard/KOPP make) switch fuse unit with HRC fuses, cable entry & reverse entry box, cable glands, PVC marking ferrules etc. it is to be concealed in the wall or as per the site engineer's instructions. The job includes labeling/writing the connection chart inside the door with WHITE duco paint as required, Double earthing, Testing & commissioning etc. complete as directed by Engineer-in-charge.	1.00	nos	21500.00	21,500.00
Total Part-V				₹	2,83,250.00
Total value of work (Part-I + Part-II + Part-III + Part-IV + Part-V)				₹	26,81,737.66
Total : ₹ Twenty six lakhs eighty one thousand seven hundred thirty seven and sixty six paise only					

Note: The required cement and reinforcement steel for all the items will be issued free of cost at BHEL store.	
1	A penalty of 0.5% of the gross value of work will be levied for every week's delay of work subject to a maximum penalty of 10% of the gross value of work.
2	Service tax is extra as applicable, which will be reimbursable to the agency on production of paid proof documents.
3	The rates are inclusive of all taxes and duties.

Note : The bidders are required to quote the tender value on percentage (%) basis at excess or less or on par with estimate value in figures and words.

Tender %	In figure	In words
Excess		
Less		
Estimated value		

Name of the Contractor :

Signature of the Contractor