

S.No	Description of the Item	Measurements				Unit	Amount in Rs.	
		No's	L	B	D		Qty	Rate
1	Dismantling of Old Structure & Miscellaneous civil works							
2	Earth Work Excavation for foundations (manual means) of building and depositing the earth on bank with initial lift of 2m in loamy and clayey soils like black cotton, red earth, ordinary gravelly soils including shoring, strutting, sheeting, planking and dewatering including cost of hire charges of T & P, Labor Charges, and over heads and contractors profit, complete for finished item of work (APSS No. 408)							
	For Columns	1 x 5	2.06	1.68	1.83	31.67		
		1 x 3	1.91	1.68	1.83	17.62		
		1 x 2	1.68	1.45	1.83	8.92		
		1 x 2	1.07	1.07	1.83	4.19		
	Long Walls	1 x 3	13.8	0.9	1.83	68.18		
	Short Walls	1 x 4	9.83	0.9	1.83	64.76		
	Compound Wall	1 x 1	57.9	0.9	1.2	62.53		
	<b>Total</b>					<b>257.87</b>	<b>Cubic Meter</b>	
3	Plain cement concrete (1:4:8) (Cement : Fine Aggregate: Coarse Aggregate) for foundations and under flooring bed using coarse aggregate 40mm size hard machine crushed granite from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc to site, including sales and other taxes on all materials and including all charges for machine mixing, laying concrete in foundations and under Flooring bed, ramming in 15cm layers finishing top surface to the required level curing etc., and over heads and contractor profit. Complete for finished item of work (APSS No.402)							
	For Columns	1 x 5	2.06	1.68	0.3	5.19		
		1 x 3	1.91	1.68	0.3	2.89		
		1 x 2	1.68	1.45	0.3	1.46		
		1 x 2	1.07	1.07	0.3	0.69		
	Long Walls	1 x 3	13.8	0.9	0.3	11.18		
	Short Walls	1 x 4	9.83	0.9	0.3	10.62		
	Bed for Flooring	1 x 1	13.8	9.83	0.3	40.70		
	Compound Wall	1 x 1	57.9	0.9	0.3	15.63		
	<b>Total</b>					<b>88.36</b>	<b>Cubic Meter</b>	
4	Supply and placing of Design mix concrete M25 grade correspond to is 456 with minimum cement content of 380 Kgs / 1 cum of concrete using weigh batcher / mixer with 20mm size graded machine crushed hard granite metal (coarse aggregate as per IS 383-1970 and IS 2386 Part 1 to part 8) from approved quarry including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and sales, other taxes on all materials, centering using steel scaffolding pipes, jack props, Wallers, foot plates, brackets, steel centering plates etc., including all operational incidental and labor charges such as weigh batching, machine mixing, lifting of concrete manually, laying concrete, vibrating curing etc., and over heads, contractor profit complete with including cost of steel and its fabrication charges for finished item of work (APSS No.402) & 126.							
	For Footings	1 x 5	2.06	1.68	0.45	7.79		
		1 x 3	1.91	1.68	0.38	3.66		
		1 x 2	1.68	1.45	0.3	1.46		



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			L	B	D	Rate			Amount	
	Sloped Portion	1 x 2	1.07	1.07	0.3	0.69	Cubic Meter			
		1 x 6	0.3	0.53	0.6	0.57	Cubic Meter			
		1 x 4	0.3	0.69	0.6	0.50	Cubic Meter			
		1 x 2	0.3	0.38	0.6	0.14	Cubic Meter			
	Columns	1 x 4	0.225	0.6	4.18	2.26	Cubic Meter			
		1 x 6	0.225	0.45	4.18	2.54	Cubic Meter			
		1 x 2	0.225	0.3	4.18	0.56	Cubic Meter			
	Pilinth Beams	1 x 1	77.57	0.225	0.38	6.63	Cubic Meter			
	Lintels	1 x 1	40	0.23	0.23	2.11	Cubic Meter			
	Roof Beams	1 x 1	61.5	0.225	0.6	8.30	Cubic Meter			
		1 x 1	9.37	0.6	0.6	3.37	Cubic Meter			
	Sunshades	1 x 8	1.2	-	-	9.60	Running Meter			
	For Slab	1 x 1	14.4	9.83	0.15	21.23	Cubic Meter			
	Staircase					1.50	Cubic Meter			
	Strong Room	1 x 1	17.36	0.225	3.33	13.01	Cubic Meter			
	Deduct for Strong Room Door									
	<b>Total</b>									
5	Random Rubble stone masonry in cm (1:8) prop : (cement : sand) using hard other granite stones carted from approved quarry including cost and conveyance of all materials like cement, screened sand, water, stones etc., from approved quarry to site, sales & other taxes on all materials, including labor for cutting stones to required size and shape, mixing of cement motor construction, curing etc and over heads, contractor profit, complete for finished item of work in foundation and basement (APSS No. 601 & 615).									
	Long Walls	1 x 3	13.8	0.6	1.2	29.81	Cubic Meter			
	Short Walls	1 x 4	9.83	0.6	1.2	28.31	Cubic Meter			
	Basement, Long Walls	1 x 3	13.8	0.4	0.9	14.90	Cubic Meter			
	Short Walls	1 x 4	9.83	0.4	0.9	14.16	Cubic Meter			
	Compound Wall	1 x 1	57.9	0.45	1.2	31.27	Cubic Meter			
	<b>Total</b>					<b>118.45</b>	<b>Cubic Meter</b>			



S.No	Description of the Item	Measurements				Amount in Rs.		
		No's	L	B	D	Qty	Rate	Amount
6	Refilling with useful available excavated earth with lead of 50mtrs in trenches, sides of foundations and basement with initial lead in layers not exceeding 15cm thick, watering and ramming including cost and conveyance of water to work site and all operational, incidental labor charges, hire charges, T & P etc., over heads, contractor profits. Completes for finished item of work (APSS No. 309 & 310)	1 x 1	14.4	9.83	1	141.55	Cubic Meter	
	<b>For Total Building</b>							
7	Brick masonry work in c.m. (1:6) prop (cement : sand) in super structure with red bricks from approved source having minimum crushing strength of 50 kg / sq-cm including cost and conveyance of all materials like cement, sand, bricks, water etc including sales, other taxes on all materials and such as labor charges, like mixing cement motor scaffolding charges, constructing masonry, lift charges, curing over heads, contractor profit etc., complete for finished item of work (APSS No. 501 & 504)	1 x 1	61.55	0.23	3	42.47	Cubic Meter	
	Double Brick Wall (9" thick)	1 x 1	47.24	0.23	0.9	9.78	Cubic Meter	
	Parapet Wall	1 x 1	57.9	0.23	1.5	19.98	Cubic Meter	
	Compound Wall							
	<b>DEDUCTIONS:</b>							
	Doors, D	1 x 1	1.2	0.23	2.4	(-) 0.66	Cubic Meter	
	Windows, D	1 x 3	1	0.23	2.1	(-) 1.45	Cubic Meter	
	Ventilator, V	1 x 8	1.2	0.23	1.2	(-) 2.65	Cubic Meter	
	<b>Total</b>	1 x 2	0.6	0.23	0.6	(-) 0.17	Cubic Meter	
	<b>Total</b>					<b>67.30</b>		
8	Plastering 12mm thick in two coats using screened sand with base coat of 8mm thick in cm. (1:6) and top coat of 4mm thick in cm (1:4) with dubara sponge finishing including cost and conveyance of all materials like cement, sand, water etc., to site, including sales & other taxes on all materials and all operational, incidental charges on materials and including cost of all labor charges for mixing motor, finishing, scaffolding, lift charges, curing, including cutting grooves, and overhead, contractor profit, complete for finished item of work (APSS No. 901, 903 & 904)	1 x 2	61.55	3	--	369.30	Square Meter	
	Walls	1 x 2	47.24	0.9	--	85.03	Square Meter	
	Parapet Wall	1 x 1	13.8	9.83	--	137.03	Square Meter	
	Ceiling Wall	1 x 2	57.9	1.5	--	173.70	Square Meter	
	Compound Wall							
	<b>DEDUCTIONS:</b>							
	Doors, D	1 x 2	1.2	2.4	--	(-)5.76	Square Meter	
	Windows, D	3 x 2	1	2.1	--	(-)12.60	Square Meter	
	Ventilator, V	8 x 2	1.2	1.2	--	(-)23.04	Square Meter	
	<b>Total</b>	2 x 2	0.6	0.6	--	(-) 1.44	Square Meter	
	<b>Total</b>					<b>722.22</b>		



Andhra Pragathi Grammeena Bank  
Head Office : Kadapa  
Hussainapuram, D Branch - Financial Bid Format

S.No	Description of the Item	No's	Measurements				Qty	Unit	Amount in Rs.	
			L	B	D	Rate			Amount	
9	Flooring with soluble salt porcelain vitrified tiles screen printed and polished of size 600mm x 600mm and thickness between 8 to 10mm 1 <sup>st</sup> Quality of conforming to IS : 13711, IS 13712, IS:13630 (Part 1 to 15)Jany color and finish in all shades and design with boarders laying tiles using spacers of 2mm thick, set over a base coat of cm. (1:8) 12mm thick using screened sand over c.c. bed including neat cement slurry of honey like consistency spread @ 3.5 Kg/Sqmts and joined neatly with white cement paste to full length including cost conveyance of all materials like cement, sand, water, tiles, white cement etc., to site including cost of base coat and all labor charges for mixing of cement mortar, laying tiles to required slope over heads. Contractor profits. Complete for finished item of work (APSS No. 701 & 707)									
	For Building	1x1	14.05	9.6	-	134.88	Square Meter			
	skirting @ 15%					20.23	Square Meter			
	Total					155.21				
10	Supply and Fixing of doors with best teak wood frame of section 100mm x 65mm with fixed Fan light of 500mm at the top fixed with 4mm thick pin headed glass using 12mm x 12mm teakwood beading and 2 no's of 10mm square bars and ISI marked, including cost and conveyance to site of teak wood frame, flush shutter including supply and fixing 6 no's ms z hold farts of size 300mm x 40mm x 5mm including cost of ISI marked brass Fixtures of 6 No's Butt hinges (IS : 205) 150mm long, 1 No airdrop (IS. 2681) 300mm long, 2 No's tower bolts, 10mm bolt (IS-204), of 200mm long at top 1 No tower bolt, 10mm bolt (IS-204) 150mm long at bottom, 2 No's 150 mm long fancy handles (IS- 208) door stopper and 2 No's rubber bushes including fixing the fixtures to door with required number of screws bolt and nuts including labor charges for fixing the frame in position, fixing the shutter to the frame, fixing glass in fan light portion etc., including overheads & contractor profit. Complete for finished item of work as per (APSS 1001 &	1x4				4.00	Each			



S.No	Description of the Item	Measurements				Amount in Rs.		
		No's	L	B	D	Qty	Rate	Amount
11	Providing and fixing in position aluminum windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m, sides and top sections 1.3 mm, thick, weight 0.933 kg/shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm, weight 0.417 kg/m, shutter side outer 40mmx18mm, wall thickness 1.25mm, weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm, thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminum handles tower bolts etc., providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminum sections including cutting to required length, joints mitred subdividing the frame tenoned and riveted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/sills as the case may be, with necessary steel	1x8	1.2	1.2	-	11.52		
12	Providing & of Fixed Louvered Ventilator made out of multi chambered uPVC sections with TPv gaskets having isolated drainage and reinforced with Galvanized Iron profiles throughout the windows. The outer frame having an overall size of 60x55mm with reinforcement of 1 mm thickness and Mullion with overall size of 74x60mm with reinforcement of 1 mm thickness. Ventilator shall be provided with 4.5 mm Pin Head glass, standard hardware, wall thickness of frame Mullion shall be 2- 2.2 mm					1.13	Square Meter	
13	Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint, cost of materials, labor, HOM of machinery complete as per specifications. size of gate 2.4mx1.4m. Specification No.					10.87	Square Meter	
14	Providing and fixing pull and push type rolling shutters of approved make out of 18 gauge, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labor, HOM of machinery complete as per specifications. Shutter size 3mx2.8 m. Specification No					10.87	Square Meter	



Andhra Pragathi Grameena Bank  
Head Office : Kadapa  
Hussainapuram, D Branch - Financial Bid Format

S.No	Description of the Item	No's	Measurements				Qty	Unit	Amount in Rs.	
			L	B	D	Rate			Amount	
15	Providing and fixing flush door shutter made out of solid core black board type, well-seasoned chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame all-round door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door using liquid phenol formaldehyde resin as per IS specification 2202 (Part-I) 1991. From manufacturer (Factory) complete as per specification. - 30mm thick both side.Commercial.					3.15	Square Meter			
16	COIR COMPOSITE DOORS - engineered wood plastic composite door frames with cross section of 55 x 110 mm and shutters. Providing and fixing engineered wood door frame of requires size fabricated using Wood Plastic Composites profiles (WPC) of cross section 55 mm X 110 mm with a density of 1250- 1300 kg/m <sup>3</sup> , resistant to water, termite, fungal and UV, using four numbers of L shaped MS or plastic clamps at the corners of the frame to fix it firmly to form a rectangular shape door frame and provided with six numbers of 260mmx25mmx5mm size z shaped MS flat hold fasts for fixing the door frame in the wall and the material and process for manufacturing the door frame confirming to RV-TIFAC Composite Designs and Specifications including all costs of labor, materials, fabrication, assembling, transportation, erection, incidental and unforeseen charges complete as per the directions of the engineer in charge.					6.05	Square Meter			
17	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers. Including cost of all materials, cost of labor and scaffolding etc. Complete as per the specification.					514.69	Square Meter			
18	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labor, complete as per specifications.					514.69	Square Meter			
19	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labor, complete as per specifications. - with primer.					296.70	Square Meter			



S.No	Description of the Item	Measurements				Amount in Rs.		
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20	Providing and fixing M.S. grill work for windows and ventilators weighing 21kg/sq.m using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labor and HOM of machinery complete as per specifications. Specification No.					Kgs	184.00	
21	Providing Ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using color pigment, including cost of materials, labor, curing, complete as per specifications. - for Ceramic Tiles of size 30x30cms6mmthick.					Square Meter	3.98	
22	Providing skirting, dado, rises of steps with color glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labor, complete as per specifications. Color glazed tiles 30x45 cms6mm thick with border of size 30x10cms.					Square Meter	17.48	
23	Providing and laying flooring using pre polished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to match shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labors etc., complete as per specifications using silver grey granite / Multi Red / Ruby Red / Black / Hassan Green Granite of width not less than 900mm.					Square Meter	17.57	
24	<b>Provision for Septic tank Sump</b>						1.00	



S.No	Description of the Item	Measurements				Qty	Unit	Amount in Rs.	
		No's	L	B	D			Rate	Amount
	<b>Plumbing &amp; Sanitary Work</b>								
25	Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labor complete as per specifications.					2.00	Nos		
26	Supplying, installing and testing 2WAY BIB COCK (Ritico flora or equivalent) & 15 mm CP health faucet (Hind ware F160027 or equivalent) of approved make with necessary CP flexible hose 1200mm long nozzle, CP wall flange etc., including cost of materials, labor complete as per specification complete. Supplying & Installation					2.00	No		
27	Providing and fixing white vitreous china clay, flat back wash basin size 450x300mm with a single 15mm C.P brass pillar tap with C.I / M.S brackets, 32 mm C.P brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labor complete as per specifications.					1.00	No		
28	Constructing brick masonry inspection chamber 455x610mm, and 450mm depth, ( clear inside dimension ) for single pipeline, using table molded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labor charges, curing complete as per specifications. Specification No. KBS 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table molded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty)					2.00	Nos		





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29	Over Head Tank - Providing and placing on terrace, Polyethylene water Storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and overflow pipes including cost of all materials, labor, transport charges, HOM of equipments and testing complete as per specifications.(FOR 1000LTR CAPACITY)					1.00	Nos		
30	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M- 15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). 10 x 75 cm					3.00	Nos		
31	Providing and fixing 7.5cm to 15cm dia N.P. grating including cost of all materials, labour, equipments, loading and unloading, leads and lifts and all other incidental charges etc., complete as per the directions of Engineer-in-charge					3.00	Nos		
32	Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipment's with all leads complete as per the direction of Engineer-in chargeof work.					2.00	Nos		
33	Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.					2.00	Nos		
34	Providing and fixing in position 25mm nominal bore non-return valve vertical type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.					2.00	Nos		
35	WATER SUPPLY SYSTEM - Providing and fixing Chlorinated Poli Vinyl Chloride (CPVC) pipes conforming to IS 15778 having terminal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this including fixing the pipe with clamp at 1.00mtrs spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. (Internal)(Concealed work including cutting chasses & good the wall Etc). a) 20 mm dia					50.00	Meters		



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36	WATER SUPPLY SYSTEM Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778 having terminal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this including fixing the pipe with clamp at 1.00mtrs spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. (Internal)(Concealed work including cutting chasses & good the wall Etc) b) 25 mm dia					50.00	Meters			
37	INTERNAL & EXTERNAL SEWAGE SYSTEM : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 75mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.					30.00	Running Meter			
38	Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 75mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.					50.00	Running Meter			
39	<b>Electrical Works</b> Supply, installation, testing and Commissioning of UPS power Sub-distribution board made out of 16 gauge CRCA/angle iron dust and vermin proof coated with two coats of red oxide primer and two coats of synthetic enamel grey paint. It consists of the following: Incomer: 40A DP MCB C curve as incomer- 1no OUTGOINGS: 40A DP MCB C curve- 1no, 63A rating copper busbars-1set, 10A DP MCB C curve- 4nos					1.00	Set			
40	Details as in item 1 above but with the following item for sub- distribution to terminal points, 10A DP MCB as incomer- 4nos					1.00	Set			
41	Supply, Laying, testing and commissioning of 1.1KV grade PVC insulated and sheathed aluminum conductor armored cable to be laid on wall/raise ceiling/in the ground as required with necessary clamps and GI pipe accessories complete 4X25sqmm from Meter Board to Main Power distribution board					30.00	Running Meter			



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42	Supply and end termination of the above cable using brass cable glands and copper lugs complete (4 X 16)					2.00	Sets	
43	Supply and wiring 2 runs of 4sqmm and 1 run of 2.5sqmm PVC insulated FRLS copper wire in 25mm dia 2mm thick PVC/casing capping as required above the false ceiling on wall/in the floor for power distribution.					135.00	Meters	
44	Details same as above but with 2 runs of 2.5 sqmm& 1 run of 1.5sqmm in 19mm dia PVC conduit casing capping as required for sub-distribution.					120.00	Meters	
45	Details same as above but with 2 runs of 6 sqmm& 1 run of 2.5sqmm in 25mm dia PVC conduit as input for UPS power source.					8.00	Meters	
46	Details same as above but with 4 runs of 6 sqmm& 1 run of 4 sqmm in 32mm dia PVC conduit with all accessories complete.					8.00	Meters	
	<b>SOCKETS AND SWITCHES</b>							
	Supply and fixing the following in MS enclosure/wall panelling as required with necessary front plate and other accessories complete.							
47	3 Nos 5A socket with switch & indicator as one unit for computer terminal points.					10.00	Nos	
48	5/15A socket with switch for other power requirements.					10.00	Nos	
49	5/15A switch socket in MS enclosure- 4 No.					1.00	Nos	
50	Supply, Installation, testing and commissioning of 32A 3 pin industrial plug and socket controlled by 40A DP C Curve MCB in MS enclosure for UPS power.					3.00	Sets	
	<b>LIGHTING AND WIRING</b>							
51	Supply and wiring 2 runs of 7/20 and of 3/22 PVC insulated copper sheathed copper wire in 25mm dia 2mm thick PVC conduit/casing capping with all accessories including suitable MS/PVC junction boxes wherever required above false ceiling/ on wall from the LDB to switch box/control point.					165.00	Mts	
	<b>POINT WIRING</b>							
	Supply and wiring 2 runs of 2.5 sqmm& 1 run of 1.5sqmm PVC insulated and sheathed copper wire in 19mm dia PVC conduit/casing capping with all necessary accessories above false ceiling/on wall as required from switch box to control point.							
52	Single light point controlled by 6A SP switch.					28.00	Nos	
53	Two light point controlled by 6A SP switch.					1.00	No	
54	Ceiling/wall fan without regulator					14.00	Nos	
55	6A switch socket dependent pt					4.00	Nos	
56	6A switch socket point					4.00	Nos	
57	Exhaust fan point controlled by 15A SP switch.					2.00	Nos	
58	Calling bell point with bell					1.00	No	



S.No	Description of the Item	Measurements				Amount in Rs.			
		No's	L	B	D	Qty	Unit	Rate	Amount
	Supply, installation, testing and commissioning of lighting fixture on false ceiling/wall as required with necessary accessories complete.								
59	38W Surface / Recess mtd LED Luminaire with Diffuser Complete Supply					16.00	Sets		
60	Installation Surface/ Recess mounted LED downlighter 17W					16.00	Sets		
61	Supply					2.00	Sets		
62	Installation 20W LED button for indoor application & general lighting.					2.00	Sets		
63	Supply					10.00	Sets		
64	Installation Ceiling fan 48 inches with electronic regulator					10.00	Sets		
65	Supply					9.00	Sets		
66	Installation Industrial type exhaust fan					9.00	Sets		
67	Supply					2.00	Sets		
68	Installation Wall mounting fan with regulator complete					2.00	Sets		
69	Supply					5.00	Sets		
70	Installation <b>EARTHING</b>					5.00	Sets		
71	Supply and providing 2.5mtrs long 40mm dia GI pipe electrode earth station as per IS 3043 with alternate layers of sand and charcoal for earthing of main DB.					1.00	Set		
72	Supply and providing suitable earth station with 600x600x3mm copper plate and 40mm dia GI pipe 2.5mtr long with alternate layers of sand and charcoal and cast iron cover with all civil works as per IS 3043 complete for UPS board earthing. The line earth loop impedance as measured at any junction box shall be value less than 0.5 ohm. The charcoal and salt shall be in proportion of 75% and 25%. There are around salt and charcoal shall be covered by sand					1.00	Set		
73	Supply and laying of 8 SWG bare copper wire for Maindistribution board earthing.					25.00	Meters		
74	Supply and running casing capping conduit of size 19mm on wall panelling/wall/ceiling as required.					5.00	Meters		
75	Supply, installation, testing and commissioning of 63A 4P Onload break chage over switch in MS enclosure with necessary angle frame for fixing DG supply.					1.00	Set		



S.No	Description of the Item	Measurements				Amount in Rs.			
		No's	L	B	D	Unit	Rate	Amount	
76	Supply and fixing MS S hook with necessary chipping of ceiling concrete & civil works					9.00	Sets		
77	Supply and fixing electronic regulator for fans.					9.00	Sets		
78	Supply and wiring 2 core 1.5sqmm flexible conductor.					5.00	Meters		
79	Supply and fixing 25A DP MCB in MS enclosure.					1.00	No		
80	Supply, installation, testing and commissioning of main distribution board made out of 16 gauge CRCA sheet/angle iron coated with two coats of finished paint. It consists of the following: 63A TPN MCCB 10KA FL with shunt tripcoil as incomer - 1 set digital combined meter indicating A,V,KW & KWh complete- 1 set with CTs, indicating lamps, ELR with CBCT and control fuses- 1set, 3 phase to 1 phase selector switch- 1set Outgoings: 40A DP MCB C curve for UPS-2 No, 40A DP MCB for lighting- 1 No, 32 A DP 100ma ELCB-1 No, 10A SP MCB- 9 Nos for lighting sub distribution, 32 A DP MCB C curve for AC-1 No, 32 A DP MCB C curve for fire, Alarm & Board lights- 2 Nos, 32A TPN C curve MCB for RAW power loads-1 No, 40A TPN MCB C curve- 1 No spare, 32A TPN MCB as spare-1 No					1.00	Set		
<b>TELEPHONE WIRING</b>									
81	Supply and laying 2 core copper PVC insulated telephone conductor in existing 19mm dia PVC conduit complete					95.00	Meters		
82	Supply and laying 19mm dia PVC conduit for telephone wiring.					80.00	Meters		
83	Supply and fixing telephone crone box complete					1.00	Set		
84	Supply and fixing RJ telephone socket					4.00	Set		
85	Supply and fixing Hylam sheet at existing lighting control pts.					1.00	Set		
<b>Total</b>									

