



ಕರ್ನಾಟಕ ವಿಕಾಸ ಗ್ರಾಮೀಣ ಬ್ಯಾಂಕ್
ಕೆನರಾ ಬ್ಯಾಂಕ್ ಪ್ರವರ್ತಿಸಲಾಗುವ ಸರ್ಕಾರಿ ಸ್ವಾಮ್ಯತ್ವದ ಶೆಡ್ಯೂಲ್ಡ್ ಬ್ಯಾಂಕ್
Karnataka Vikas Grameena Bank
A Scheduled Bank Owned by Government-Sponsored by Canara Bank
ಪ್ರಧಾನ ಕಛೇರಿ : ಧಾರವಾಡ Head office : Dharwad

PROPOSED CONSTRUCTION OF KVG BANK AT MULWAD IN VIJAYAPUR DISTRICT, KARNATAKA			
SUMMARY(TO BE FILLED BY CONTRACTOR)			
Sl No	Description	Amount	Remarks
1	Civil Work		
2	Plumbing & Sanitary Work		
3	Electrical Work		
	Total Amount		
Amount in Rupees-			

Note: GST Extra at 18%

CONTRACTOR SIGNATURE & SEAL WITH DATE & TIME

PROPOSED CONSTRUCTION OF KVG BANK AT MULWAD IN VIJAYAPUR DISTRICT, KARNATAKA									
Sl No.	P. No	I No	Description	Unit	Qty	Estimated		Quoted	
						Rate	Amount	Rate	Amount
Part A KPWD SR Items 2018-19-Civil works									
1	138	18.29	KSRRB M200-15.4. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. iii) Dismantling Stone Masonry D. Dry rubble masonry. MORTH Specification No. 202	Cum	38.27	277.00	10600.79		
2	5	2.1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1	Cum	56.70	249.00	14118.30		
3	5	2.3	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5	Cum	267.75	299.00	80057.25		
4	15	4.28	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2	Sqm	227.85	258.00	58785.30		
5	15	4.31	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	101.18	358.00	36222.44		
6	15	4.32	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	42.00	456.00	19152.00		
7	16	4.34	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	294.37	292.00	85956.04		
8	16	4.37	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	5.67	323.00	1831.41		
9	16	4.38	KSRB 4-6.11 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2	Sqm	31.19	521.00	16249.99		
10	14	4.18	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons.up to 3.50m from Ground level. Specification No. KBS 4.6.2	Sqm	140.18	313.00	43876.34		
11	12	4.3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum	9.45	5439.00	51398.55		

SI No.	P. No	I No	Description	Unit	Qty	Estimated		Quoted	
						Rate	Amount	Rate	Amount
12	13	4.10	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregates @ 0.47cum, with super plasticisers @ 3 liters conforming to is 9103-1999 reaffirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnpillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6	Cum	80.93	6212.00	502737.16		
13	17	4.46.2	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 550	Tonn	7.61	100323.30	763460.31		
14	6	2.10	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. specification. No. KBS 2.9	Cum	315.00	201.00	63315.00		
15	23	5.6	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13	Cum	20.79	4644.00	96548.76		
16	27	6.3	KSRB 6-1.3 : Providing and constructing burnt brick masonry for basement and superstructure with approved quality of non-modular bricks of standard size of class designation 3.5Newton per sqmm with cement mortar1:6 including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2	Cum	52.87	6187.00	327106.69		
17	27	6.25	KSRB 6-7.3 : Construction of partition wall 11.2 cms thick with non-modular ground moulded burnt bricks of class designation 3.5 Newton per sqmm with cement mortar 1:4 including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2	Sqm	40.95	811.00	33210.45		
18	113	15.21	KSRB 15-3-13: Providing 12mm thick cement plaster in single coat with Cement Mortar 1:3 to Ceiling including rounding off corners wherever required smooth rendering . Providing and removing scaffolding including cost of materials, labour,curing complete as per specifications .	Sqm	189.00	238.00	44982.00		
19	113	15.11	KSRB15-3.3 : Providing 12mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	202.86	196.00	39760.56		
20	114	15.14	KSRB 15-3.6: Providing 15 mm thick cement plaster in single coat with Cement Mortar 1:6 to brick masonry including rounding off corners wherever required smooth rendering . Providing and removing scaffolding including cost of all materials, labour,curing complete as per specifications .	Sqm	258.72	211.00	54589.92		
21	114	15.30	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, to brick masonry for base of dadoing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications	Sqm	18.90	208.00	3931.20		
22	126	15.106	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 labour and scaffolding etc., complete as per the specification.	Sqm	411.45	78.00	32093.33		

SI No.	P. No	I No	Description	Unit	Qty	Estimated		Quoted	
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23	117	15.51.2	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved 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, labour, complete as per specifications. - with	Sqm	391.86	90.00	35267.40		
24	118	15.53.2	KSRB 15-16.1 : 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, labour, complete as per specifications. - with primer	Sqm	271.66	102.00	27709.32		
25	107	14.45	Providing and fixing vitrified glazed tiles of approved make, quality & colour of size 600X600X10mm thick fixed on bed of 12 thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc., complete as per specification	Sqm	124.40	979.00	121787.60		
26	106	14.36.2	KSRB 14.14-5: 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 colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles of size 30x30cms 6mm thick	Sqm	3.78	1213.00	4585.14		
27	106	14.41.3	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour 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, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 30x45 cms 6mm thick with border of size 30 x 10 cms.	Sqm	19.85	1278.00	25361.91		
28	107	14.47.2	Providing and laying flooring using prepolished, 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 labours etc., complete as per specifications. - using silver grey granite / Multy Red / Ruby Red / Black / HassanGreen Granite of width not less than 900mm	Sqm	18.57	2412.00	44801.69		
29		4.2.3	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor, etc., up to floor five level, excluding the cost of centering, shuttering and finishing: 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	Cum	7.43	7639.20	56759.26		
30	32	7.9	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm 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, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12	Kgs	238.14	105.00	25004.70		

SI No.	P. No	I No	Description	Unit	Qty	Estimated		Quoted	
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31	33	7.11.1	KSRB 7.11 : Providing and fixing in position aluminium 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/m.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 aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenoned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar. using aluminium section anodized to 12 - 15	Sqm	11.34	4351.00	49340.34		
32		38.44.2	Providing & of Fixed Louvered Ventilator made out of multi chambered uPVC sections with TPv gaskets having isolated drainage and reinforced with Galvanized Iron profiles through out the window. The outer frame having a 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.	Sqm	1.13	3632.00	4118.69		
33	31	7.1	KSRB 7.1 : 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, labour, HOM of machinery complete as per specifications. size of gate 2.4mx1.4m. Specification No. KBS 7.7 / 7.12	Sqm	10.87	5401.00	58695.37		
34	31	7.5	KSRB 7.5 : Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 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, labour, HOM of machinery complete as per specifications. Shutter size 3mx2.8 m. Specification No. KBS 7.10 / 7.12	Sqm	10.87	2607.00	28331.57		
35	42	7.35	Providing and fixing M.S. Hand railing for Balcony with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections should be cut to length, welded and grinded wherever necessary etc., complete . The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and drawing.	Sqm	12.60	5378.00	67762.80		
36	67	10.5.3	Extra for water proofing the inside surface of tanks (OHT & UGT) - applying of modified polymers soft acrylic esters coat @0.40 kg/sqm in 2 coats including all labour charges tools and equipments, all complete as per the specification.	Sqm	36.75	275.00	10106.25		
37	51	9.1	KSRB 9.4-1 : Providing Teak wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33	Cum	0.08	142375.00	11959.50		

SI No.	P. No	I No	Description	Unit	Qty	Estimated		Quoted	
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6	90	12.113.1	12.113.1 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	Each	3.00	250.00	750.00		
7	90	12.111	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-incharge	Each	3.00	150.00	450.00		
8	93	13.23	KSRB 13-6.1.1 Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per the direction of Engineer-in chargeof work.	Nos	2.00	190.00	380.00		
9	94	13.42	KSRB13-6.4-3 : 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. Specification No.KBS (P.No. 92/ I.No. 13.42 of CSR 2016-17) a)25mm dia	Nos	2.00	513.00	1026.00		
10	95	13.59	KSRB13-7.2-1 : 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. Specification No.KBS 13.2.10 / 13.13 (P.No. 93/I.No. 13.59 of CSR 2016-17) a)25mm dia	Nos	2.00	475.00	950.00		
11	99	13.86.2	WATER SUPPLY SYSTEM 13.86 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	Rmt	50.00	146.00	7300.00		
12	99	13.86.3	WATER SUPPLY SYSTEM 13.86 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) b) 25 mm dia	Rmt	50.00	179.00	8950.00		
13	96	13.73.3	INTERNAL & EXTERNAL SEWAGE SYSTEM KSRB13-9.1 : 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. Specification No.KBS 13.2.15.2 / 13.9. a) 75mm dia	Rmt	30.00	425.00	12750.00		
14	96	13.73.5	KSRB13-9.1 : 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. Specification No.KBS 13.2.15.2 / 13.9. b) 110mm dia	Rmt	50.00	595.00	29750.00		
							99,071.00		
			Electrical Works						
1			Supply, Installation, testing and Commissioning of UPS power Sub-distribution board made out of 16 guage 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	set	1.00	6000.00	6000.00		

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2			Details as in item 1 above but with the following item for sub-distribution to terminal points. 10A DP MCB as incomer- 4nos	set	1.00	2900.00	2900.00		
3			Supply, Installation, testing and commissioning of 20A three pin single phase 230V industrial plug & socket controlled by 25A DP C category MCB in ms enclosure for controlling 1/1.5Ton split ac unit/power points.	set	UR	1500.00			
4A			Supply, Laying, testing and commissioning of 1.1KV grade PVC insulated and sheathed aluminium conductor armoured cable to be laid on wall/false ceiling/in the ground as required with necessary clamps and GI pipe accessories complete						
a			4X25sqmm from Meter Board to Main Power distribution board	mtr	30.00	230.00	6900.00		
b			4x16sqmm	mtr	UR	190.00			
4B			Supply and end termination of the above cable using brass cable glands and copper lugs complete						
a			4x16sqmm	Set	UR	175.00			
b			4x25sqmm	Set	2.00	250.00	500.00		
5			Power/UPS wiring						
a			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.	mtr	135.00	108.00	14580.00		
b			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.	mtr	120.00	95.00	11400.00		
c			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.	mtr	8.00	175.00	1400.00		
d			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.	mtr	8.00	250.00	2000.00		
6			SOCKETS AND SWITCHES						
			Supply and fixing the following in MS enclosure/wall panelling as required with necessary front plate and other accessories complete.						
a			3 Nos 5A socket with switch & indicator as one unit for computer terminal points.	set	10.00	1400.00	14000.00		
b			5/15A socket with switch for other power requirements.	set	10.00	550.00	5500.00		
c			5/15A switch socket in MS enclosure- 4 No.	set	1.00	1600.00	1600.00		
d			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.	Set	3.00	1900.00	5700.00		
7A			LIGHTING AND WIRING						
a			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.	mtr	165.00	102.00	16830.00		
7B			POINT WIRING						
			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.						
a			Single light point controlled by 6A SP switch.	Nos	28.00	565.00	15820.00		
b			Two light point controlled by 6A SP switch.	Nos	1.00	625.00	625.00		
c			Ceiling/wall fan without regulator	Nos	14.00	500.00	7000.00		
d			6A switch socket dependent pt	Nos	4.00	325.00	1300.00		
e			6A switch socket point	Nos	4.00	450.00	1800.00		
f			Exhaust fan point controlled by 15A SP switch.	Nos	2.00	550.00	1100.00		
g			Calling bell point with bell	Nos	1.00	650.00	650.00		

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8			Supply, installation, testing and commissioning of lighting fixture on false ceiling/wall as required with necessary accessories complete.						
a			38W surface/Recess mtd LED luminaire with diffuser complete.						
			Supply	Set	16.00	2300.00	36800.00		
			Installation	Set	16.00	150.00	2400.00		
b			Surface/ Recess mounted LED downlighter 17W						
			Supply	Set	2.00	750.00	1500.00		
			Installation	Set	2.00	100.00	200.00		
c			20W LED button for indoor application & general lighting.						
			Supply	Set	10.00	650.00	6500.00		
			Installation	Set	10.00	100.00	1000.00		
d			Ceiling fan 48 inches with electronic regulator						
			Supply	Set	9.00	1900.00	17100.00		
			Installation	Set	9.00	150.00	1350.00		
e			Industrial type exhaust fan						
			Supply	Set	2.00	1800.00	3600.00		
			Installation	Set	2.00	150.00	300.00		
f			Wall mounting fan with regulator complete						
			Supply	set	5.00	1900.00	9500.00		
			Installation	set	5.00	150.00	750.00		
9			EARTHING						
a			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.	set	1.00	3500.00	3500.00		
b			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%. the are around salt and charcoal shall be covered by sand.	set	1.00	9000.00	9000.00		
c			Supply and laying of 8 SWG bare copper wire for Main distribution board earthing.	mtr	25.00	55.00	1375.00		
10			MISCELLANEOUS ITEMS						
a			Supply and running casing capping conduit of size 19mm on wall panelling/wall/ceiling as required.	mtr	5.00	22.00	110.00		
b			Supply, installation, testing and commissioning of 63A 4P Onload break chage over switch in MS enclosure with necessary angle frame for fixing DG supply.	set	1.00	6800.00	6800.00		
c			Supply and fixing MS S hook with necessary chipping of ceiling concrete & civil works	set	9.00	225.00	2025.00		
d			Supply and fixing electronic regulator for fans.	set	9.00	500.00	4500.00		
e			Supply and wiring 2 core 1.5sqmm flexible conductor.	mtr	5.00	28.00	140.00		
f			Supply and fixing 63 TPN MCB c curve in MS enclosure.	Nos	UR	1700.00			
g			Supply and fixing 25A DP MCB in MS enclosure.	Nos	1.00	550.00	550.00		
h			Supply and fixing 32A DP switch in enclosure for others.	set	UR	750.00			
11A			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						

SI No.	P. No	I No	Description	Unit	Qty	Estimated		Quoted	
						Rate	Amount	Rate	Amount
			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	set	1.00	55000.00	55000.00		
11B			Supply, Installation, testing & commissioning of sub-distribution board for E lobby with 1 No 40A DP MCB C curvr as incomer and 25A DP MCB-3 No. as outgoings for distribution complete with wiring	Nos	UR	5100.00			
12			TELEPHONE WIRING						
a			Supply and laying 2 core copper PVC insulated telephone conductor in existing 19mm dia PVC conduit complete.	mtr	95.00	30.00	2850.00		
b			Supply and laying 19mm dia PVC conduit for telephone wiring.	mtr	80.00	25.00	2000.00		
c			Supply and fixing telephone crone box complete	set	1.00	1100.00	1100.00		
d			Supply and fixing RJ telephone socket	set	4.00	250.00	1000.00		
e			Supply and fixing Hylam sheet at existing lighting control pts.	Sq in	200.00	1.00	200.00		
							288,755.00		