

**BOQ FOR INTERIORS, ELECTRICAL & DATA CABLING WORK FOR CANARA BANK AT JAMI BRANCH,
VIZIANAGARAM**

S.NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	GYPSUM FALSE CEILING				
	<p>Providing and fixing suspended false ceiling as per approved design, with 12mm thick Gypsum Board screw-fixed to a G.I. framework, including all necessary hangers, supports, finishing, cut-outs, and painting complete in all respects as directed by the Architect/Bank.</p> <p>The framework shall consist of perimeter channels 0.55mm thick of size 20mm x 30mm fixed along the walls/partitions with nylon sleeves and screws at 600mm centre-to-centre, intermediate channels 0.90mm thick of size 45mm x 15mm suspended from the soffit at maximum 1220mm centre-to-centre, and ceiling sections 0.55mm thick with a web of 51.5mm, flanges of 26mm each and lips of 10.5mm fixed perpendicular to the intermediate channels at 457mm centre-to-centre. Suspension shall be provided using ceiling angles 0.55mm thick x 25mm x 10mm, fixed to the soffit with proprietary G.I. cleats and steel expansion fasteners.</p> <p>Gypsum Boards shall be fixed to the ceiling sections with 25mm drywall screws at 230mm centre-to-centre. Joints shall be finished using manufacturer's jointing tape and jointing compound, and the entire surface shall be sandpapered to achieve a smooth finish. The ceiling shall be finished with two to three coats of wall putty, followed by two to three coats of paint as required to achieve the desired finish.</p> <p>The rate shall include provision of all necessary cut-outs, grooves, mouldings and plain troughs for tube lights, downlighters, diffusers or other fittings as per the design. In cases where the RCC slab is old or of weak concrete, the G.I. suspenders shall be fixed with epoxy chemical anchoring and necessary load tests shall be carried out before fixing of the boards. No extra payment shall be made for epoxy chemical anchoring, vertical members, borders, or finishing works, and the quoted rate shall be deemed to be inclusive of all such requirements.</p>	Sft	350		
2	GRID FALSE CEILING				
	<p>Providing & Fixing of Armstrong Mineral Fibre Acoustical Suspended Ceiling System with MINATUFF (MICRO LOOK) EDGE TILES WITH ARMSTRONG SILHOUETTE EXPOSED GRID. The tiles should have Humidity Resistance (RH) of 99%, NRC Upto 0.6, Light Reflectance >88%, Thermal Conductivity k = 0.052-0.057 w/m K, Colour White, Fire Performance Class 0/ Class 1 (BS476 Part 6&7) in module size of 600 X 600 X 16 mm with Bio Block coating on the face of the tile, impact resistant and suitable for Green Building application, with Recycled content of 63%.</p>	Sft	550		
3	FULL HEIGHT PARTITIONS - SOLID				
	<p>Providing and fixing full height partitions made with Aluminium section framework of 2" x 1" x 1.5mm thickness with members placed at 2'-0" x 2'-0" c/c both vertically and horizontally. The frame shall be covered on both sides with 9mm BWP plywood (Century/Greenply/Amul Ply) and finished with 1mm thick laminate (Century/ Heritage/Aica/ Greenply) on both sides of the partition. The framework shall be properly fixed to the floor, and vertical members shall be firmly fixed to the slab and side walls wherever available. Laminate shall be provided in two or three colour combinations as per design. All works shall be executed as per the design suggested at site and instructions of the Engineer. (Framework above false ceiling required for fixity shall not be measured, but the contractor shall factor it in while quoting, as measurements will be taken only up to false ceiling level). Plywood wherever mentioned shall be BWP grade, IS:710, ISI-marked.</p>	Sft	190		
4	FULL HEIGHT PARTITIONS - PARTLY GLAZED				
	<p>Full Height Partitions: Same as Item No. 3, but with 9mm thick glass having etching design or one-way vision film, or as approved by the Bank. The glass shall be provided with 35mm x 12mm Steam Beech moulding, duly melamine polished. Work shall be executed as per the design and instructions of the Engineer. Plywood wherever mentioned shall be BWP grade, IS:710, ISI-marked (for Manager's Cabin).</p>	Sft	210		

5 CASH CABIN PARTITIONS - PARTLY GLAZED				
	Full Height Partitions: Same as Item No. 3, but with 9mm thick glass having etching design or one-way vision film, or as approved by the Bank. The glass shall be provided with 35mm x 12mm Steam Beech moulding, duly melamine polished. All work shall be carried out as per the design and instructions of the Engineer. Plywood wherever mentioned shall be BWP grade, IS:710, ISI-marked. For Cash Cabin, the quoted rate shall include side and front partitions as			
	The door shall be provided with T.W. (teak wood) louvers finished in melamine polish of matching laminate colour. The door shall be fitted with Godrej Night Latch, and two wooden trays shall be provided as per the approved drawings. Necessary cut-outs shall be made in the glass for transaction purposes, and all edges of the cut-outs shall be finished in mirror polish. All exposed teak wood surfaces shall be finished with melamine polish of matching laminate colour as directed. The work shall include all necessary stainless steel finish fittings and hardware such as door closers, Godrej locks, and wood preservative paint, as per the list of approved materials and as approved by the Project Consultant/Bank, complete in all respects. (Front 12mm thick toughened glass cash transaction door required).	Sft	100	
6 LOW HEIGHT PARTITIONS - PARTLY GLAZED				
	Low Height / Half Height Solid Partitions: Same as Item No. 3, but constructed to low or half height as per design, incorporating 9mm thick glass with etching design or one-way vision film, as approved by the Bank. The edges of the partition shall be finished with 3" x 1.5" Steam Beech wood moulding, duly melamine polished. All work shall be executed as per the design and instructions of the Engineer in charge. Plywood wherever mentioned shall be BWP grade, IS:710, ISI-marked. These partitions are to be provided at workstations and between officers' front tables. Soft board and writing board provisions shall be made near workstations as directed by the Architect.	Sft	95	
7 UPS ROOM - PARTITION				
	UPS Room Partition: Full height double-skin partition (3'-10" ht.) with aluminium sections of 50mm x 25mm (2" x 1½") placed vertically at 600mm to 900mm c/c, spacing not exceeding 600mm. Both sides shall be covered with 12mm thick fire-rated Bison Board, finished externally with 1.0mm thick laminate and internally with putty and paint. The work shall be completed in all respects as per design and instructions of the Engineer/Architect.	Sft	115	
8 STORAGE				
	Providing & fixing storage units made up 19 mm. thk. plywood framework, 9 mm. thk. plywood back as required as per design. Good quality blockboard shutters should be fixed on SS heavy hinges Storage units. should be finished with 1.0 mm. thk. laminate from external side & oil paint to non laminated surfaces. All exposed edges of plywood should have lipping patti on it. Lipping patti should be finished with French polish on it. The cost should include necessary handles, magnetic catches, Godrej make locks, tower bolts on doors etc. complete as per design. 8'- 0' ht HEIGHT STORAGE (Additional COVER ALL BACK PORTION SHOULD BE 12MM CEMENT BOARD ADDITINAL)			
A	Full Height Storage	Sft	75	
B	Low Height Storage	Sft	45	
9 SIDE UNIT				
	Providing & fixing side unit made up of 19 mm. thk. plywood framework & 9mm. thk. plywood as backing. Side unit should have 2 no. of drawers above & shutters below. Drawers should be made up of 19 mm. Plywood fascia, 12 thk. Plywood sides & 9 thk. Plywood bottom. Drawers should be mounted on heavy duty drawer sliders. Side unit should be finished with 1.0 mm. thk. Laminate of approved shade & colour on external surface & oil paint to non laminated surface. All exposed edges of 19 mm. & 12 thk. Plywood should have lipping patti All lipping patti's should be finished with paint /french polish on it. The cost should include necessary hardware, handles, Godrej make locks with common handles, Godrej make locks with common key for set of drawers etc. complete as per design. Drawers to be made of 12 mm thick 710 BWP. plywood and finished with laminate on front and enamel painted inside.	Nos	1	

10	MAIN DOOR BRANCH & ATM				
	Providing and fixing main entrance door with fixed partition for Branch and ATM, consisting of a 2'-6" wide double-leaf glass shutter made of 12mm thick toughened glass (SGG Securit/AIS Stronglas or equivalent) with impact resistance, pencil-polished edges all around. The shutter shall be provided with etching details as per design, OZONE cam-action floor spring (EN4, 150kg capacity) with closing force, bottom lock, and SS brushed finish handles of size 2'-0" long x 1" dia on both sides. The work shall be completed with all necessary fittings and fixtures, including floor spring, locks, and hardware, as directed by the Bank/Architect. Canara Bank logo shall be etched on the glass shutter, and additional etching shall be provided on the fixed glass partition as shown in the drawings. The work shall be carried out complete in all respects as per approved specifications and drawings.	Sft	110		
11	ROLLER BLINDS				
	Providing and fixing roller blinds (Vista make or equivalent) of 100mm louvers in approved shade, zebra type or pattern as suggested by the Bank, for banking hall and cabin windows. The blinds shall be treated with Scotch Guard on both sides, with uniform and adequate overlapping. All necessary operating arrangements and frames shall be provided. The work shall be completed in all respects as per specifications and approval of the Architect.	Sft	30		
12	NOTICE BOARD				
	Providing and fixing 12mm Soft Board display covered with felt and teak wood border of size 5'-0" x 4'-0".	Sft	25		
13	ACP CLADING				
	Providing & fixing in position Aluminium Composite Panel (ACP) with framing of Aluminium Tube sections of min 1.5" x 1" and 20 gauges 2'-0" C/C both ways. Joints to be finished with Silicon based sealant. ACP thickness of 3 mm minimum. Aluminium foil thickness to be min 0.20 mm, 2'-0" C/C both ways. ACP to be in 2' width panels or distributed equally. Alubond, Eurobond, Fujibond, Alcobond or equivalent ISO certified brands to be used. Trap door to be finished with ACP.	Sft	120		
14	SHUTTER BOX				
	Providing and fixing covering to rolling shutter and shutters for covering electrical panel board, etc., with 19mmBWP 710 Ply with 1mm thick shell finish laminate of approved shade and make including painting of inside with primer and two coats of synthetic enamel paint, and providing teak wood beading to all exposed edges including all accessories hinges, handles, ballcatches, etc.,	Sft	160		
15	COLUMN / WALL PANELLING				
	Providing and fixing wall panelling consisting of 2x2 finished Aluminium section at maximum 2'-0"C/C both horizontally and vertically treated with Pentapene pale from STP as antitermite & fire retardent from Viper. To be fixed screwed on the existing walls. The frame work to be claded with 12mm with 1mm laminate of approved colour. The work to be completed in all respect as per drawing, specification and approval of the Architects.	Sft	1050		
16	ALLUMINIUM GRILL				
	Providing and fixing aluminium grill with white or ivory powder coating, to be installed over the cash cabin top and above the strong room partition as per design. The grill shall be fabricated from approved aluminium sections, finished with durable powder coating, and securely fixed in position with necessary supports, screws and fixtures. The work shall be completed in all respects as per the drawings and instructions of the Architect/Bank.	Ls	2		
17	BOX FOR PANEL BOARD				
	Providing and fixing cupboard with shutters for covering electrical panel board, etc., with 19 mm BWP710 ply with 1mm thick shell finish laminate of approved shade and make on outside including painting of inside with primer and two coats of synthetic enamel paint, and providing teak wood beading to all exposed edges, inside of the entire cupboard is to be fixed with the bison board (Fire Proof) to the existing ply wood including all accessories hinges, handles, ballcatches, etc., complete.	Sft	40		

18	MANAGER / OFFICER TABLE				
	<p>Providing and fixing in position Manager's Table of size 5'-6" x 2'-6" as per drawing no.(6)/ Officer's Table of size 4'-6" x 2'-3" as per drawing no. (5) including Side Storage (Credenza) by using 25mm thick Black Board for top and 18 mm thk710 BWP ply for all other horizontal and vertical members. Telescopic CPU Stand/ ready made Keyboard tray shall be provided of approved model and make. Footrest made with T.W. member of size 4" x 1 ½ " finished with french polish. Side Storage (Credenza) as per drawing shall be provided. Facia of Side Storage (Credenza) shall be finished with 1mm thick laminates as shown in the drawing and all other sides shall be finished with white enamel paint. The Side Storage (Credenza) shall be provided with handles (Stainless Steel finish) and channels as per approval of the Project Consultant / Bank. All exposed Black Board surfaces to be finished with 1mm thk. laminate of approved make & shade, and all exposed edges of table top & ply verticals to have 1" x 1/4" TW. lipping. All exposed T.W. sections to be melaminated and internal surfaces to have white enamel paint as directed. Item to include Black Board boxing, all necessary hardware and fittings in Stainless Steel finish, lipping to all edges etc. complete in all respects.</p>	Nos	1		
19	FRONT OFFICE COUNTER				
	<p>Providing and fixing in position Cash Counter, 2'-9" wide, as per drawings (2-A, 2-B, 2-C, 2-D, 2-E & 2-F), complete in all respects. The working top shall be made with 25mm thick black board finished with 1.0mm thick laminate. The outer edge of the top shall have 1½" x 1" teak wood moulding finished with melamine polish, while the inner edge shall be finished with ½" x 1" teak wood beading with melamine polish. Below the working top, the fascia (apron) shall be made with 12mm thick BWP IS:710 grade plywood, finished with 1.0mm laminate in two different shades, separated by a 1mm groove. A horizontal band (vertical drop) shall be provided on the fascia, made of 12mm plywood finished with laminate and provision for concealed lighting, with grooves at laminate joints.</p> <p>Above the working top, a glazed partition shall be provided with 12mm thick toughened glass, partly glazed and partly frosted, fixed with concealed stainless steel D-brackets as per drawings. The transaction top shall also be provided with 12mm thick toughened glass fixed horizontally, edges mirror-polished, moulded, and finished. A glazed cut-out of 8" x 4" shall be made in the glass partition for cash transaction, with mirror-polished edges. Further glazed panels of 12mm clear glass shall be fixed above the transaction opening, as per design, with all edges finished in mirror polish. At a height of 5'-11" above finished floor level, a boxing of 7'-7" overall height (10" x 10") shall be made with 19 mmBWP 710 Ply, finished with 1.0mm laminate, including provision of 6mm frosted glass. An additional 1'-9" high boxing (5" x 5") shall also be provided with 12mm thick BWP plywood finished with laminate.</p> <p>Vertical supports shall be made with 12mm thick BWP plywood, finished with white enamel paint. Each counter shall be provided with a telescopic CPU stand and a readymade keyboard tray of approved make. A footrest made of teak wood 4" x 1½" section, French polished, shall also be provided. Drawer units shall be made as per drawing, each fitted with multipurpose Godrej locks and vertical partitions for keeping currency. The facia of drawers shall be finished with 1.0mm laminate and the other surfaces painted with white enamel paint,</p>	Rft	18		
20	QUARTER GLASS (WITH TOUGHENED GLASS)				
	<p>Providing and fixing quarter glass partitions for workstations, 1'-6" in height and 2'-0" in depth, made of 12mm thick toughened clear glass. All exposed edges of the glass shall be machine-polished to achieve a smooth, safe finish. The glass shall be securely fixed to the worktop/partition framework using approved stainless steel brackets or fittings, as per drawings and directions of the Architect/Bank. The work shall be completed in all respects, including fixing,</p>	Rft	20		

21 STAFF TABLE WITH SIDE TABLE				
	Providing and fixing in position Staff Table of size 5'-6" x 2'-3" as per drawing No. (5), made with 25mm thick black board for the top and 12mm thick BWP IS:710 grade plywood for all other horizontal and vertical members. The table shall be provided with a telescopic CPU stand and a readymade keyboard tray of approved make. Drawer units shall be constructed as per drawings, fitted with multipurpose Godrej locks in each drawer. The facia of drawer units shall be finished with 1.0mm thick laminate, while all other sides shall be finished with white enamel paint. Each drawer shall be provided with stainless steel handles			
	All exposed black board surfaces shall be finished with 1.0mm thick laminate of approved make and shade. Exposed edges of the table top and plywood verticals shall be finished with 1" x ¼" teak wood lipping, duly polished. All exposed teak wood sections shall be finished with melamine polish, and internal surfaces shall be painted with white enamel paint as directed. The item shall include black board boxing, all necessary stainless steel hardware and fittings, lipping to all			
	Note: The table should match with concept of Canara bank in finish and color.			
A	Officers Table 5x2.5 Side Table 1.5x3	Nos		
B	Clerical Table 4.5x2.5 without Side Table 1.5x3	Nos		
22 CASH COUNTER WITH SIDE TABLE				
	Providing and fixing in position Cash Counter 2'-9" wide as per drawing No.(2-A, 2-B, 2-C, 2-D, 2-E, 2-F) comprising of the	Rft	5	
	i)Working top made with 25mm thick Black Board finished with 1mm thick laminate. Outside edge of the working top shall be provided with 1½"x1" Teak Wood moulding finished with melamine polish. Inside edge will be provided with ½ "x1" T.W. beading patti with melamine polish.ii)Vertical facia (Apron) made with 12mm thk710 BWP ply with 1mm thick laminate with 1mm thick groove at the joint of laminates of two different shades.			
	iii)Vertical drop (horizontal band) shall be provided on the facia below the working top made with 12mm thk 710 BWP ply with 1mm thick laminate with provision for concealed light, 1 mm thick groove shall be provided at the joint of two different shades of laminate.iv)Glazed partition of 1'-4" height above working top provided with 12mm thick toughened and frosted glass besides non-transparent film from inside fixed to partition as per fixing details and to boxing with concealed S. S. finished 'D' brackets as shown in the drawing. The exposed edges of the glass shall be finished in mirror polish. v)Transaction top shall be provided with 12mm thick toughened glass (partly glazed partly frosted) fixed horizontally with concealed Stainless Steel D bracket. Both exposed edges (inside and outside) shall be moulded and finished in mirror polish.			
	vi)Glazed partition having height 1'.0" above the transaction top (in facia) shall be provided with 12 mm thick glass (clear) with cut out of 8"x 4" as per drawing. The edges of cut out and the top edge of glass are to be mirror polished and to be fixed to partition as per fixing details and to boxing with concealed S. S. finished 'D' brackets as shown in the drawing.vii)Glazed partition provided with 12mm thick glass (Clear) above the slit to be fixed to partition as per fixing details and to boxing with concealed S. S. finished 'D' brackets as shown in the drawing. . The exposed edges shall be finished in mirror polish.viii) 7'-7" high Boxing (10"x 10") made with 19 mm thickBWP 710 Ply as per drawing with 1-6" horizontal extension at the top including providing and fixing 6 mm thick square frosted glass at a height of 5"-11" above Finished Floor level.			

	ix) 1'-9" high boxing (5"x 5") made with 12mm thk710 BWP ply with 1 mm thick laminate are to be provided. x)Telescopic CPU Stand/ ready made Keyboard tray shall be provided of approved model and make.xi) Footrest made with T.W. member of size 4"x1 ½ " finished with french polish.xii) Drawer units as per drawing shall be provided and each drawer should have vertical partitions for keeping the currency notes and multipurpose Godrej locks. Facia of drawer unit shall be finished with 1mm thick laminate and all other sides shall be finished with white enamel paint. The drawers will be provided with handles (Stainless Steel finish) and channels as per approval of the Project Consultant / Bank.xi) Boxing as per drawing made with 12mm thick Black Board finished with Synthetic enamel paint shall be provided below the table top for electrical conduiting and at the bottom for the LAN cabling/Telephone wire conduiting.The item to include all necessary hardware and fittings in Stainless Steel finish, lipping to all edges and making provision only for electrical fitting behind the Vertical drop and also in the 10"x10" boxing as shown in the drawing. Necessary beadings with matching melamine polish for fixing the glass are to be provided.				
23	FLUSH DOORS				
	Providing and fixing water proof solid core FLUSH DOORS shutters 35mm thk (TW wood beading of 0.5" x 1.25" to be provided all around) of approved make as per ISI specifications and 1mm thk shell finish laminate on both sides with vision hole cutting with 6mm thk plain glass as indicated. The shutter shall be fixed to existing partition frame work, necessary hardware fittings like brass butt hinges,door closers, mortice locks, tower bolts, handles etc.of approved make,	No	3		
24	Providing and fixing CHECK DROP/ SUGGESION BOX (1'-2"x1'- 2"x1'- 6"ht.) in 19mm thick BWP 710 Ply, for verticals and horizontals with 1.0mm thk shell finish laminate on all visable outer surfaces with drawer slides incl. all accssories such as handles, auto closing hinges, single key locking system for drawers, complete as shown in the drawing. All exposed ply surfaces to be painted with two coats of synthetic enamel paint on Black Board after one coat of primer.	No	2		
25	Providing and fixing WRITING TABLE in 19mm thick BWP 710 Ply verticals and horizontals with 1.0mm thk shell finish laminate towards exposed side, with 12 mm thk plain glass for partition complete as shown in the drawing. All exposed ply surfaces to be painted with two coats of synthetic enamel paint on Black Board after one coat of primer.	No	1		
	TOTAL				
I	INTERIOR TOTAL (I) :				

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SL NO.	DESCRIPTION OF ITEM / WORK	UNIT	QTY	RATE	AMOUNT
PART - A : ELECTRICAL WORKS					
1	CABLE LAYING AND TERMINATIONS :				
a	Cable :				
	Supply & Laying of following 1100V grade armored cable having sector / circular shaped aluminum conductor XLPE insulated cores, laid up, PVC tape wrapped inner sheathed, GI strip / wire armored and overall extruded PVC sheathed confirming to IS: 7098, laid along with 2 Runs of 8SWG GI Wire on wall or ceiling using GI clamps and spacers as per route shown at site and further as directed by Bank / Architect.				
vi	3.5x 50 sq.mm AYFY Cable	Mtr.	35		
ix	4x16 sq.mm AYFY Cable	Mtr.	50		
b	Cable end Terminations :				
	End termination of the following size of cables using flange type cable glands and heavy duty tinned aluminium crimping type cable sockets including gland earthing.				
vi	3.5x 50 sq.mm AYFY Cable	Nos.	1		
ix	4x16 sq.mm AYFY Cable	Nos.	1		
2	COS :				
a	Main COS (Manual) :				
ii	Supply and installation of 63A, 4P ON LOAD Change Over Switch with suitable metallic enclosure with cable entry box and powder coat painted and with 6 nos. LED indicators & 6 nos. of 2A MCBs for the indication of EB or DG Set supply separately (3-Phases each) with neat marking.	Set	1		
4	Main Panel / AC, Common etc.) :				
b	VTPN DBs (with MCCB Incomer) :				
ii	Supply, Installation, testing and commissioning of Double door 8 Way VTPN MCCB Vertical DB consisting of the following accessories with complete Incomer : 125A,25kA, 4P MCCB 1 Nos. Out goings : 63A, TP MCB 2 Nos. 40A, TP MCB 1 Nos. 32A, TP MCB 4 Nos. 32A, SP MCB 3 Nos. Size sufficient enough to terminate main incomer cable (or) along with cable entry box. 125A Copper bus bar for 3 phases * Qty. / Rating of MCBs to be adjusted according to actual requirement	Set	1		
c	VTPN DBs (with MCB Incomer) :				
ii	Supply, Installation, testing and commissioning of Double door 8 Way VTPN MCB Vertical DB consisting of the following accessories with complete Incomer : 63A,25kA, 4P MCB 1 Nos. Out goings : 40A, TP MCB 0 Nos. 32A, TP MCB 6 Nos. 20A, SP MCB 3 Nos. 16A, SP MCB 3 Nos. 125A Copper bus bar for 3 phases * Qty. / Rating of MCBs to be adjusted according to actual requirement	Set	1		

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5	ETPN Distribution Boxes :-				
	a Lighting: (Phase wise ELCB)				
	i Supply, Installation, testing and commissioning of Double door dust and vermin proof 8 way ETPN MCB DB consisting of the following (with complete Incomer : 32 / 40 63 A 4P MCB 1 Nos. Out goings : 6 x 6/10/20 A (B Series) MCB + 3 Sets 1x30 mA DP ELCB in each * Rating of MCBs to be adjusted according to site requirement.	Set	1		
	c ATM : (without ELCB)				
	i Supply, Installation, testing and commissioning of Double door dust and vermin proof 4 way ETPN MCB DB consisting of the following (with complete interconnections) Incomer : 32 / 40 / 63A, 4P MCB 1 Nos. Out goings : 32A SP MCB 6 Nos. 20A SP MCB 6 Nos. * Rating of MCBs to be adjusted according to site requirement.	Set	1		
	d UPS Output Distribution : -				
	i Supply, Installation, testing and commissioning of Double door dust and vermin proof 12 way SPN MCB DB consisting of the following (with complete Incomer : 40A 2P MCB 1 Nos. Out goings : 10A SP MCB 10 Nos.	set	1		
	ii Supply, Installation, testing and commissioning of Double door dust and vermin proof 8 way SPN MCB DB consisting of the following (with complete Incomer : 40A 2P MCB 1 Nos. Out goings : 10A SP MCB 6 Nos.	set	1		
6	Other MCB / Isolator DBs :				
	h 2P MCB :				
	i Supply & fixing of 32/40/63 A DP MCB in suitable metallic box (UPS IN OUT)	Nos.	4		
7	Plug & Sockets :				
	Supply and fixing of following Modular type switches/ plugs / sockets mounted on				
	b UPS Socket Board (Type-1) : 3 Pin Socket 3 x 5A & 1 x 5/15 A with separately controlled 15 A indicator switch in suitable metallic / PVC enclosure.(for BM Cabin for CC Camera System + SWO Counters + Server Room)	Nos.	7		
	c UPS Socket Board (Type-2) : 3 Pin, 1 x 5A & 1 x 5/15 A with separately controlled 15 A indicator switch in suitable metallic / PVC enclosure. (for officers' Tables, Other than SWO counters)	Nos.	2		
	d RP Socket Board : 3 Pin, 3 x 5A Sockets controlled by 3 no. x 5 A switches in suitable metallic / PVC enclosure.	Nos.	7		
	e 3 Pin, 1 no. x 5/15A Socket + separately controlled 32A DP indicator Switch in suitable metallic/PVC enclosure (for 1-Ph Cabin Acs.)	Nos.	1		
	j 3 Pin, 1 x 5A Socket + 1 x 5 A switch (On Board) to add to switch boards.	Nos.	8		
	k 3 Pin Plug Top - 1x5A + sufficient length of (5 mtr max) 3x2.5 sq.mm PVC wire (3 mtr in PVC conduit)	Nos.	2		
8	Lights, Fixtures & Fans etc. :				
	a Supply and Installation of recessed type LED Square (2x2) Light fitting with suitable frame if any (>=2900 Lu, <=39W, >=6500K, Ex.:Model-RC140B).	Nos.	14		

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	b Supply and Installation of recessed type LED Round Light fitting with suitable frame if any (≥ 1300 Lu, 10 to 15W, ≥ 6500 K, Ex : Model-DN153)	Nos.	12		
	d Supply and installation of 4Ft LED Tube Light fitting (≥ 1600 Lu, 15 to 18W, ≥ 6500 K, ex. : Model:BN012C)	Nos.	12		
	e Supply and installation of 2Ft LED Tube Light fitting (≥ 600 Lu, 6 to 8W, ≥ 6500 K, ex. : Model :)	Nos.	3		
	f Supply and installation of BULK HEAD LIGHT fitting (≥ 600 Lu, ≤ 10 W, ≥ 6000 K, ex. : Model : Philips WT202W)	Nos.	4		
	g Supply and installation of POLE LIGHT with 40W Outdoor type LED Fitting & suitable GI pipe (of 3ft length & 2mm thick) to fix on the outer surface of the branch (≥ 2000 Lu, ≤ 30 W, ≥ 6500 K, ex. : Model : Philips WT202W)	Nos.	1		
	i Supply and installation of 9" size medium duty exhaust fan. (Toilets) Crompton Greaves (Necessary wall cutting & finishing to be done by Contractor)	Nos.	2		
	j Supply and installation of 12" size Heavy duty exhaust fan. (UPS Room) Crompton Greaves (Necessary wall cutting & finishing to be done by Contractor)	Nos.	1		
	k i Supply and installation of 1200 mm sweep ceiling fan. (Crompton Greaves High Speed)	Nos.	4		
	k ii Supply and Installation of step type modular electronic regulator (Only in dining Room).	Nos.	4		
	k iii Supply and providing fan hook on ceiling.	Nos.	4		
	l Wall Fan : Supply and Installation of 450 mm sweep wall fan with combination. (Crompton Greaves / Usha / Havells) Metal Body	Nos.	8		
	n Supply & installation of wireless calling bell (Battery operated)	Nos.	1		
	o Phase Indicator Box containing 3 nos. indicators with 5A control switches & connected to RYB phases of KSEB to be fixed in banking hall area which is visible for all the staff.	Nos.	1		
	g Point Wiring for Light, Fan, Plug & Sockets etc. :	o			
	a Light Point :				
	i Supply all materials and wiring through wall floor etc, concealed as per colour code with 3x1.5 sq mm P V C insulated multi stranded copper wire in 2mm thk PVC pipe.	Nos.	40		
	ii Loop to the above with 3X1.0 sq.mm PVC wire	Nos.	15		
	b Wall Fan Point :				
	i Supply all materials and wiring through wall floor etc, concealed as per colour code with 3x1.0 sq mm P V C insulated multi stranded copper wire in 2mm thk PVC pipe, with suitable 2 / 3 pin, 5 A Socket & switch.	Nos.	8		
	c UPS / Raw power (including Switch Board) Point :				
	i Supply all materials and wiring through wall floor etc, concealed as per colour code with 3x2.5 sq mm P V C insulated multi stranded copper wire in 2mm thk PVC pipe..	Nos.	8		
	ii Loop to the above with 3X2.5 sq.mm PVC wire	Nos.	8		
	d AC Point (1-Ph) :				

SL NO.	DESCRIPTION OF ITEM / WORK	UNIT	QTY	RATE	AMOUNT
	Supply all materials and wiring through wall floor etc, concealed as per colour code with 3x4 sq mm P V C insulated stranded copper wire in 2mm thk PVC pipe.	Nos.	6		
10	Circuit / Sub circuit Wiring :				
	a Supply and wiring wall / floor etc. / recessed / surface as per colour code with the following size PVC Insulated copper wire along with given earth wire for phase neutral and earth conductor with standard colour coding, through ISI marked rigid PVC conduit.				
	iii 4 x 2.5 sq.mm PVC Copper wire in 2 mm thk, 20 mm dia conduit (for Board Light + Security Light)	Mtr.	90		
	v 3 x 4 sq.mm PVC Copper wire in 2 mm thk, 20 mm dia conduit (for UPS Incoming & Outgoing wiring)	Mtr.	35		
	vi 5 x 4 sq.mm PVC Copper wire in 2 mm thk, 20 mm dia conduit	Mtr.	90		
	vii 3 x 6 sq.mm PVC Copper wire in 2 mm thk, 20 mm dia conduit. UPS DB	Mtr.	100		
	viii 4 core - 4 sq.mm PVC Copper Cable in 2mm thk, 20mm dia PVC conduit.	Mtr.	40		
	a Providing Plate earth Pits as per IS 3043 with 600x600x3.0 mm GI/CI earth plate, 20 mm GI pipe, filled with sufficient charcoal & others along with construction of inspection chamber & other necessary works.	Nos.	1		
	b Same as above but COPPER PLATE EARTHING AS PER STANDARD SPECIFICATIONS.	Nos.	2		
	c Supply and laying of the following size of bare copper conductor along with cables, for interconnections between panels, DBs, COS, DG Set & Earth Pits etc.				
	i 1 X 8 SWG GI Wire for Earthing.	Mtr.	30		
	ii 1 X 10 SWG bare copper conductor	Mtr.	30		
	d 20mm PVC conduit	Mtr.	30		
	e Supply & Installation of 25x3 mm tinned Copper Earth Bench of 30 cm long for termination of main earth conductors and other interconnections. (1 no. each for every earth pit + other necessary areas if required. All should be accommodated in Electrical	Nos.	1		
12	Others :				
	a Marking of Panels, DBs, its switch and fuse ratings, cable size, location etc (Neat identification from top to extreme load end of both light and power distribution including KSEB / UPS plug sockets and generator switch boards) using white / black paint a	Lot	1		
	c Supply and providing of (i) 3mm thick electrical grade rubber mat in Electrical / UPS Room	Nos.	1		
	d Shock treatment chart.	Nos.	1		
	e Rubber gloves.	Nos.	1		
TOTAL AMOUNT (A) :					
PART - B TELEPHONE					
1	Telephone Point : Providing Telephone Point with RJ11 Type modular socket with 2 pair telephone cable in 20mm PVC conduit from the CRONE Box to the individual points. Number of cables in one conduit limited to 5.	Nos.	6		

SL NO.	DESCRIPTION OF ITEM / WORK	UNIT	QTY	RATE	AMOUNT
2	Supply and lying of 5 Pair telephone cable in 20mm PVC conduit from outside CRONE to inside CRONE Box.	Mtr.	25		
TOTAL AMOUNT (B) :					
PART - C : LAN CABLLING WORKS					
1	Supply and Laying of 4Pair CAT-6E LAN Cable with suitable PVC Conduite and Junction boxes with etc.	Nos.	16		
2	Supply and fixing of CAT-6E Dual Information out letsSystemax/Amps/ D Link	Nos.	8		
3	Supply of Patch Cards 3' (Factory Crimping)	Nos.	16		
4	Supply of Patch Cards 7' (Factory Crimping)	Nos.	16		
5	Supply and fixing of 24 port Jack panel (Systemax/ amp)	Nos.	1		
6	Supply and fixing of 9U Rack encloser with accries likeSelf Power manager, Cable Manager, Hard Ware etc.	Nos.	1		
7	Supply and fixing of 24 ports d-link switch.	Nos.	1		
TOTAL AMOUNT (C) :					
PART - D : OTHER WORKS / ITEMS					
1	Master control setup for entrance 4P,100/80 amp MCB with enclosure with Wiring, Complete with all respects	Nos.	1		
2	Ac Metal Box with Enclosure 32A 2P MCB	Nos.	6		
3	Inverter Points 1.5 sqmm x 3	Nos.	15		
TOTAL AMOUNT (D) :					
II	(A+B+C+D) ELECTRICAL WORKS TOTAL (II) :				
SUMMARY :					
INTERIOR & ELECTRICAL TOTAL (I + II) :					
GST 18%					
GRAND TOTAL					
Sign & Seal of the Contractor					
Name & Address of the contractor					