



बैंक ऑफ महाराष्ट्र
Bank of Maharashtra

भारत सरकार का उद्यम

एक परिवार एक बैंक

PART-II

COMMERCIAL & PRICE BID

Kudal Branch,
Bank of Maharashtra

INTERIOR RENOVATION

PRICE BID (PART-II)

INTERIOR RENOVATION FOR KUDAL, SINDHUDURG BRANCH, GOA
ZONE, BANK OF MAHARASHTRA

CIVIL & FURNITURE WORKS

NILESH G. BHAGAT

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PRICE BID (PART-I) - FURNITURE					
NAME OF WORK: - FURNITURE WORK AT BANK OF MAHARASHTRA, KUDAL					
No.	Description	Qty.	Unit	Rate	Amount
1	GYP SUM BOARD FALSE CEILING:				
	Providing & fixing as per design with suspended false ceiling consisting of 12mm.thk.Gyp. board suspended on G.I. framework to consists of G.I. perimeter channels 0.55 mm thk. x 20mm .x 30mm. along perimeter of false ceiling; screw fixed to wall/partition with nylon sleeves & screws @ 600mm. dc. Suspending Gl. Intermediate channels of size 0.9mm thk.x45mmx15mm. from the soffit at max. distance 1220mm. dc with ceiling angle 0.55mm. thk.x2n5mm.x10mm. Fixed to soffit using proprietary supplied Gl. Cleats & steel expansion fasteners. Ceiling section 0.55mm thk. xweb size 51.5mm & flanges 26mm. Each & 10.5 mm. lips fixed perpendicular to intermediate channel at 457mm. c/c Gyp board is screw fixed to ceiling section with 25mm. drywall screws at 230mm. c/c. boards to be finished with proprietary supplied jointing tape & jointing compound & sand papered to achieve a smooth finish etc. Complete or as directed by the Architect/Bank. Gyp ceiling where	540	Sft.		

	necessary as normal specification Rate should include all types of cut-outs, grooves ,moulding & plain troughs for tube lights / Down Lighter as directed by the designer. Note: Where RCC Slab is old and concrete is weal, the GI suspended channel shall be fixed with epoxy chemical and necessary load test to be carried out before fixing Gypsum board fixing. Rate shall be inclusive of epoxy chemical and fixing of suspenders with chemical.				
	Rate in words				
2	ARMSTRONG FALSE CEILING:				
	Providing and fixing of Armstrong make Mineral fibre Ceiling Boards in true horizontal level suspended on inter locking Grid system made of Hot Dip Galvanized steel sections powder coated XL -15 mm as per manufacturers specification including making opening for electrical and air conditioning fitting complete as directed. The tiles and grid system FRAMEWORK XL-15 mm Main Runner of 3000mm spaced at 1200mm centre fixed to soffit by approved hangers at 1200mm distance. First and last hanger should not be at a distance more than 450mm from the adjacent wall.XL-15 mm 1200mm cross Tee to be interlocked between Main Runner at 600mm centre to form 1200x600mm module 600mmx600mm module to be formed by fixing XL-15mm 600mm Cross Tee between centre of 1200mm Cross Tees.19X19 mm Wall Angle to be secured to wall at 450mm centers Suspension to be done by using 2mm pre-straightened GI wire using anchor fasteners. Make - Armstrong - ANS Micro & Supra fine XL frame work. Note: Where RCC Slab is old and concrete is weal, the GI suspended channel shall be fixed with epoxy chemical and necessary load test to be carried out before fixing Gypsum board fixing. Rate shall be inclusive of epoxy chemical and fixing of suspenders with chemical	708	Sft.		
	Rate in words				
3	LOW LEVEL PARTITION FOR CUBICALS:	110	Sft.		
	Providing and fixing low height partition up to 5'height made out of 50 mm*50mm 18mm Gauge aluminium frames at 2' C/C vertically & horizontally with 6mm thick commercial plywood on both sides upto 3' height and above portion with 10mm toughened glass Finished with 1.00 thick				

	laminate of approved shade and design. Basic rate of 6mm thick ply: 35/- Rs /sft. Basic rate of Laminate; 33/- Rs/sft				
	Rate in words				
4	SEMI GLAZED PARTITION WITH DOOR - BRANCH MANAGER CABIN				
	Providing & fixing 3" thick partly glazed partition with 10mm thick clear float glass for made up of 18 gauge 50x50 mm Aluminium section framework at 600 mm c/c both ways (or as directed by the Architect); 12 mm commercial plywood & 1 mm laminate from both sides. Partition should be finished with specified finish as per design. The rate includes providing 35 mm thick flush door finished with 1mm laminate of approved make/shade on both sides with necessary lipping patti polished. Rate includes all necessary hardware (i.e ball bearing hinges of approved make, door closure, Cylindrical Lock with key, Door stopper etc) Exposed edges of the partition should have 75x12 mm matching wood Patti with groove in between. All provisions to be made for all electrical, networking, telephone etc. boxes onto partition framework at required heights/levels with necessary additional supports &/or scaffolding as required. The rate includes all necessary hardware & cleaning of partition to the satisfaction of the Architect etc. complete Basic rate of 12mm thick ply: 50/- Rs /sft. Basic rate of Laminate; 33/- Rs/sft	500	Sft.		
	Rate in words				
5	SOLID PARTITION WITH DOOR				
	Providing & fixing 3" thick solid partition for made up of 18 gauge 50x50 mm Aluminium section framework at 600 mm c/c both ways (or as directed by the Architect); 12 mm commercial plywood & 1 mm laminate from both sides. Partition should be finished with specified finish as per design. The rate includes providing 35 mm thick flush door with necessary lipping patti polished. Rate includes all necessary hardware (i.e ball bearing hinges of approved make, door closure, Cylindrical Lock with key, Door stopper etc) Exposed edges of the partition should have 75x12 mm matching wood Patti with groove in between. All provisions to be made for all electrical, networking, telephone etc. boxes onto partition framework at required heights/levels with	400	Sft		

	necessary additional supports &/or scaffolding as required. The rate includes all necessary hardware & cleaning of partition to the satisfaction of the Architect etc. complete				
	Rate in words				
6	Solid Partition for UPS Room	38	Sft		
	Providing & fixing 3" thick solid partition for made up of 18 gauge 50x50 mm Aluminium section framework at 600 mm c/c both ways (or as directed by the Architect); 12 mm commercial plywood & 1 mm laminate from both sides. Partition should be finished with specified finish as per design. Exposed edges of the partition should have 75x12 mm matching wood Patti with groove in between. All provisions to be made for all electrical, networking, telephone etc. boxes onto partition framework at required heights/levels with necessary additional supports &/or scaffolding as required. The rate includes all necessary hardware & cleaning of partition to the satisfaction of the Architect etc. complete Basic rate of 12mm thick ply: 50/- Rs /sft. Basic rate of Laminate; 33/- Rs/sft				
	Rate in words				
7	Manager Table (5'-6" x 2'-9"w x 2'-6"ht.):	5.5	Rft		
	Providing & fixing table made up of 18 thk. Comm. Plywood frame with 10mm. thk. Clear glass on top. The table should be finished with 1.0 thk. Laminate on exposed plywood frame, inside edge of holes, polish from inside. The table shall be provided with single drawer, ply key board drawer ,ply C.P.U. trolley with ply footrest, wire manager ,& other required hardware. The glass shall have plain diamond edge polish on all four sides & hole for wire manager. The glass should cover the length of the table & width of side unit as shown in the drawing. Basic rate of 18mm thick ply: 65/- Rs/sft, . Basic rate of Laminate; 33/- Rs/sft				
	Rate in words				
8	Cash Counter / Single window counter:	11	Rft		
	Providing & fixing cashier's counter of 4'9" height, 5' length and 2' 6 " width with 12mm thick toughened glass from 3' height in front elevation fixed with necessary brass studs. Counter to be made up of 18mm. thk. Plywood framework and open space for C.P.U. & small drawer above it on other side of Key Board drawer. The counter should have necessary holes of required sizes for wire managers. The				

	<p>toughened glass above service counter to have 5 inch dia hole. The service top of counter should have 19 mm marble/granite in a stepped pattern of approved shade chamfered on edges. The counter should have necessary passages & ledges for data cables, electrical cables and telephone lines. The counter should be finished with 1.0mm. Thk. Laminate of approved color & shade from external side and enamel paint from inside.</p> <p>All the exposed edges of plywood including lower edges should have lipping patti. Lipping patti should be finished in polish. The cost should include necessary hardware Moulding .handles & Godrej make drawer locks with common key for cash drawers, footrest etc. complete as per design. Drawers to be made of 12 mm thick comm. plywood and finished with laminate on front and enamel painted inside. Basic rate of 18mm thick ply: 65/-Rs/sft, Basic rate of 12mm thick ply: 50/- Rs /sft. Basic rate of Laminate; 33/- Rs/sft</p>				
	Rate in words				
9	Officer/Clerk counter:				
	<p>Providing & fixing officers counter of 2'5" height, 5' length and 2' 6 " width , Counter to be made up of 18mm. thk. Plywood framework and open space for C.P.U. & small drawer above it on other side of Key Board drawer. The counter should have necessary holes of required sizes for wire managers. The counter should have necessary passages & ledges for data cables, electrical cables and telephone lines. The counter should be finished with 1.0mm. Thk. Laminate of approved colour & shade from external side and polish from inside. All the exposed edges of plywood including lower edges should have lipping patti. Lipping patti should be finished in polish.</p> <p>The cost should include necessary hardware Moulding .handles & Godrej make drawer locks with common key for cash drawers, footrest etc. complete as per design.</p>	28	Rft		
	Rate in words				
10	Side Units:				
	<p>Providing & fixing side unit made up of 18mm. thk. plywood framework & 6mm. thk. plywood as backing. Side unit should have 2 no. of drawers above & shutters below.</p>	124	Sft		

	Drawers should be made up of 18 thk. Plywood fascia, 12 thk. Plywood sides & 6 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 18 thk. & 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 comm. plywood and finished with laminate on front and enamel painted inside. Basic rate of 18mm thick ply: 65 Rs/sft, Basic rate of 12mm thick ply: 50/- Rs /sft. Basic rate of Laminate; 33/- Rs/sft				
	Rate in words				
11	Storage Units:				
	Providing & fixing storage units made up 18 mm. thk. plywood framework, 6 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 laminate ed 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 etc. complete as per design.	280	Sft		
	Rate in words				
12	Writing Desk	1	No		
	Providing & fixing writing desk made up of 18 thk. Double plywood supports as shown in the drawing. Plywood supports shall be finished in laminate on it. from both sides & to edges with groove (kani) at corners. The frame shall have 6mm thk. Plywood back & it should be finished with laminate.				
	Rate in words				
13	Main Entrance Door with Partition (7'-0" ht.)				
	Providing & fixing main door & partition made up of 12 mm thk. Clear toughened glass shall be fixed in.Ozon / Enox make patch fitting with necessary hardwear with application of sealant from all sides. Edge polish for all exposed sides of glass. Complete as per design Door size 7'0" x 3'0" - Providing & fixing main door made up of	130	Sft		

	12 mm thk. Clear toughened glass shall be fixed in Ozon / Enox make patch fitting with necessary hardware like floor spring, 12" ss finished decorative handle pair,& locking arrangement edge polish for all exposed sides of glass complete as per design				
	Rate in words				
14	Suggestion Box				
	Providing & fixing box made up 18 mm. thk. plywood framework, 6/12 mm. thk. plywood back as required as per design. Good quality blackboard shutters should be fixed on brass hinges 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 etc. complete as per design.	1	Nos		
	Rate in words				
15	Cheque Drop Box				
	Providing & fixing box made up 18 mm. thk. plywood framework, 6/12 mm. thk. plywood back as required as per design. Good quality blackboard shutters should be fixed on brass hinges 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 etc. complete as per design.	1	Nos		
	Rate in words				
16	Aluminium Composite Paneling (Outside wall façade)				
	Aluminium Composite Panel (ACP) with framing of Aluminium Tube sections of min 1.5" x 1" and 20 gauge 2'-0" C/C both ways. Mirror screws to be used. Joints to be finished with Silicon based sealant. ACP thickness of 3 mm minimum of approved shade (Silver-grey or equivalent as per Bank's Layout policy). ACP to be in 2' width panels or distributed equally. Alubond, Eurobond, Fujibond, Alco bond or equivalent ISO certified brands to be used. Shades to be as per bank's approval. Trap door will be 12 mm marine ply finished with ACP for rolling shutter wheel..	0	Sft		
	Rate in words				

17	Laminate and ply Paneling (Inside ATM and columns)				
	Same as above but finished with 12mm thk. ply and 1mm thk. laminate	300	Sft		
	Rate in words				
18	Work Table for Officers (4'0" x 2'0" x 2'6")				
	Providing & fixing table made up of 18 thk. Comm. Plywood frame. The table should be finished with 1.0 thk. Laminate on exposed plywood frame, inside edge of holes, polish from inside. The table shall be provided with single drawer, ply key board drawer ,ply C.P.U. trolley with ply footrest, wire manager ,& other required hardware. The glass shall have plain diamond edge polish on all four sides & hole for wire manager . The glass should cover the length of the table & width of side unit as shown in the drawing. Drawers to be made of 12 mm thick comm. plywood and finished with laminate on front and enamel painted inside Basic rate of 18mm thick ply: 65/- Rs/sft, Basic rate of 12mm thick ply:50/- Rs /sft. Basic rate of Laminate; 33/- Rs/sft	12	Rft		
	Rate in words				
19	MIRROR IN TOILET BLOCK size 2'0x2'0				
	P& F mirror Modi float in toilet block with 6mm bevelled on edges and fixed on SS Studs. Size of mirror 2 Feet * 2 Feet	2	Nos		
	Rate in words				
20	Oil Bound Distemper Paint				
	Providing and application of cement/acrylic based putty of 3 Coats, Sanding of the surface free of undulations, application of 1 coat of primer and 2 coats of Oil Bound Distemper paint of approved make and shade as per layout policy	1000	Sft		
	Rate in words				
21	MIRROR IN SDV size 5'0x2'0				
	P& F mirror Modi float in SDV with 6mm bevelled on edges and fixed on SS Studs.	1	Nos		
	Rate in words				
22	Wooden shelf in SDV size 9"x2'0				
	P& F wooden shelf made of 18mm thk. ply finished with 1mm thk. laminate fitted ms brackets on the wall including all hardware and labour complete as directed.	1	Nos		
	Rate in words				
23	Wooden shelf in cash for counting 1'-6" x 1' -6"				
	P& F wooden shelf made of 18mm thk. ply finished with 1mm thk. laminate fitted ms brackets on the wall including all hardware and labour complete as directed.	1	Nos		
	Rate in words				

24	Wooden shelf in dining near pantry 1'-6" x 5' -6"				
	P& F wooden shelf made of 18mm thk. ply finished with 1mm thk. laminate fitted ms brackets on the wall including all hardware and labour complete as directed.	1	Nos		
	Rate in words				
25	Venetian blinds				
	P& F venetian blinds of Ivory colour as approved in the standard specification including all hardware and labour complete as directed.	96	Sft		
	Rate in words				
26	Wooden teapoy				
	P& F wooden teapoy with 10mm tempered glass top with machine polished edges as directed by the architect as directed.	1	Nos		
	Rate in words				
27	Glass divider between ATM machines (3'-0" x 5'-0")				
	Providing and fixing 12mm thk. toughened glass having machine polished edges with patch fittings complete as directed. Size of the glass is 3'-0" x 5'-0" ht. as directed by the Architect complete.	1	Nos		
	Rate in words				
28	False beam for ATM & branch main doors				
	Providing and fixing false beam of 12mm thk, ply finished with 1mm thk. laminate with framing of Aluminium Tube sections of min 1.5" x 1" and 20 gauge 2'-0" C/C both ways. Mirror screws to be used and the laminate shall be as per the colour shades mentioned as per the standard layout policy 2020.	60	Sft		
	Rate in words				
29	Electrical cabinet:				
	Providing & fixing electrical cabinet made up 18 mm. thk. plywood 12" deep and 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 polish on it. The cost should include necessary handles, magnetic catches, and EPC aluminium louvers 9" x6" - 4 nos. as approved complete as per design.	20	Sft		
	Rate in words				
30	Wooden Stool:				
	Providing & fixing wooden stool 19" ht having ply top 14"x 14" finished with	3	Nos		

	laminate and paint to the wooden frame sections complete as directed.				
	Rate in words				
31	Wooden shelf for server size 2'-6" x 2'-0"				
	P & F wooden shelf made of 18mm thk. ply finished with 1mm thk. laminate fitted ms brackets on the wall including all hardware and labour complete as directed.	1	Nos		
	Rate in words				
GRAND TOTAL					
Add SGST					
ADD CGST					
TOTAL AMOUNT					
	Less: Schedule of credit/Buy back items:(List may be provided with assessed rate and amount for buyback items and same is to deducted from total amount quoted.				
Total					
Add GST					
Gross Total					
<p>Note: 1. The contractor shall quote rate of whole item in BOQ considering the provided basic rate of material by bank. However, if bank approves the basic rate of material below the provided rate in the respective item, than the difference of amount for that item will be deducted accordingly or rate will be reduced accordingly.</p> <p>2.All the pages shall be signed and stamped by the contractor.</p> <p>3.Price Bid shall be filled only in typed form. The price bid which are handwritten will be summarily rejected.</p> <p>4.No addition/alteration is permitted for contractor in BOQ.Also no discount in addition to the total is permitted in the BOQ.Contrcator has to fill the rates considering the specification of item, material,labour,trasporatation, taxes ,overhead charges, profit etc.</p>					
Amount in Rupees:- Rs					
Sign & Seal of the Contractor : -					
Date:					

PRICE BID (PART-II)

INTERIOR RENOVATION FOR KUDAL, SINDHUDURG BRANCH, GOA ZONE, BANK OF MAHARASHTRA

ELECTRICAL WORKS

NILESH G. BHAGAT

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<u>PRICE BID (PART-II) -ELECTRICAL</u>					
NAME OF WORK: - ELECTRICAL WORK AT BANK OF MAHARASHTRA, KUDAL					
No.	Description	Qty	Unit	Rate	Amount
A.	POINTS & WIRING				
1	LIGHTS POINTS				
1	Wiring for light point/ fan point/ wall fan point/ exhaust fan/ light sockets etc. with 1.5 sq.mm. PVC insulated 1100 V Grade copper conductor (FRLS) wires & 1.5 sq.mm. copper earth wire in concealed/ surface using 16 SWG MS conduits, accessories such as bends, tees, saddles, draw boxes, mounting boxes, inner plates, cover plates, ceiling rose etc. (wherever required) and chromium plates brass screws/ rowel plug etc. The circuit wiring starting from DB to point control box/ switch box using 2 X 2.5 sq.mm PVC insulated 1100 V grade multistranded copper conductor wire & 2.5 sq.mm. PVC insulated earth wire (color code to be used). (Flexible conduit/ elbow not allowed). The conduit to be laid in ceiling with proper clamps/ wall/ floor and filling the chase with cement mortar and finishing the same in original form/ wooden partition/ above false ceiling with proper clamps etc. all complete.				

	(Wherever required as per standard specifications).				
	i) Each circuit shall have independent earth wire.				
	ii) Each point shall be earthed.				
	iii) Circuit wiring is to be included in point wiring rates.				
i	Primary points controlled by one 6 amp. Modular switch.	Nos.	20		
ii	Secondary light points controlled by one 6 amp. Modular switch.	Nos.	15		
iii	One call bell point with ceiling rose/ 6amp. 3 pin socket controlled by one 6 amp. Push Modular switch. With call bell	Nos.	1		
iv	One wall fan/ ceiling/ exhaust fan point with 6 amp 3pin socket controlled by one 6 amp. Modular switch. The switch should be at switchboard level.	Nos.	7		
v	One 5 pin socket controlled by one 6 amp. Modular switch complete assembly includes plate box etc. Dependent	Nos.	5		
vi	Same as serial no 1 but using 2*2.5 + 1*2.5 Sq.mm Copper Conductor FRLS wires from DB to first 6A, 5 Pin modular socket controlled by one 6A switch and looped to the nearest second point with same 2*2.5 + 1*2.5 Sq.mm copper conductor wires FRLS insulated 1100V grade (max 3 points per circuit).				
a	Primary Point	Nos.	10		
b	Secondary Point looped	Nos.			
i	Primary points controlled by one 6 amp. Modular switch.	Nos.	20		
ii	Secondary light points controlled by one 6 amp. Modular switch.	Nos.	15		
iii	One call bell point with ceiling rose/ 6amp. 3 pin socket controlled by one 6 amp. Push Modular switch. With call bell	Nos.	1		
iv	One wall fan/ ceiling/ exhaust fan point with 6 amp 3pin socket controlled by one 6 amp. Modular switch. The switch should be at switchboard level.	Nos.	7		
v	One 5 pin socket controlled by one 6 amp. Modular switch complete assembly includes plate box etc. Dependent	Nos.	5		
vi	Same as serial no 1 but using 2*2.5 + 1*2.5 Sq.mm Copper Conductor FRLS wires from DB to first 6A, 5 Pin modular socket controlled by one 6A switch and looped to the nearest second point with same 2*2.5 + 1*2.5 Sq.mm copper				

	conductor wires FRLS insulated 1100V grade (max 3 points per circuit).				
a	Primary Point	Nos.	10		
b	Secondary Point looped	Nos.			
2	POWER POINTS				
	Same as serial no.1, but wiring for 16 Amp, 6-pin sockets by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1* 4.0 sq.mm earth wire from D.B. to first point 1 st socket and 1 st to 2 nd , socket with 2*2.5 sq.mm and 1*2.5 earth wire including providing and fixing of 16 Amp, 6 –pin socket with 16 Amp. Switch. (Modular type switch/ socket/ plate etc. complete assembly) max 2 points per circuit.				
a)	Primary Point	Nos.			
b)	Secondary Point	Nos.			
3	AC POINTS FOR INDOOR & OUTDOOR UNITS				
3(a)	Same as serial no.1, but wiring for A/C socket by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*4.0 sq.mm. PVC insulated 1100 V grade copper conductor wire with modular type AC box (tiny trip type) with socket complete in all respects controlled by 25/32 A SP MCB to be provided near indoor unit. The point starts from DB to stabilizer to the point near the indoor unit including top.	Nos.	8		
3(b)	Same as serial no.1, but wiring for A/C socket by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*4.0 sq.mm. PVC insulated 1100 V grade copper conductor wire of weather proof type AC box with socket complete in all respects controlled by 25 A MCB to be provided near outdoor unit. The point starts from DB to the point near the outdoor unit.	Nos.			
4	COMPUTER POINTS				
a	i. Wiring with 2x2.5 sq.mm. + 1x2.5 sq.mm. PVC insulated 1100 V grade multi stranded copper conductor wires in 2 mm thick PVC conduit from UPS DB to computer point. Each point to have 3 nos. 6 amps. 5 pin modular type sockets, one 6 amps modular switch with all accessories, inner/ outer plates, metal box etc. and to be fixed on wooden partitions/ by grouting on wall etc. as per requirement at site. The switch should be fixed above the top of counter with indicator and sockets under the counter				

	ii. Same as above but looped from the above 1st point to 2nd, point and 2nd point to 3rd point.				
	(Maximum 3 points in a circuit)				
	Primary Points	Nos.	16		
	Secondary Points	Nos.			
b	i. Wiring with 2x2.5 sq.mm + 1x2.5 sq.mm PVC insulated 1100 V grade multi stranded copper conductor wires in 2mmthick PVC conduit from UPS DB to computer point. Each point to have 1 nos. 16 amps 5 pin modular type sockets, 1 No's 16 amps modular switch with all accessories, inner/ outer plates , metal box etc and to be fixed on wooden partitions/ by grouting on wall etc as per requirement at site. The switch should be fixed above the top of counter and sockets under the counter. or as directed by the engineer in charge for the rack supply in PA rack, CCTV				
	ii. Same as above but looped from the above 1st point to 2nd point (Maximum 2 points in a circuit)				
	Primary Points	Nos.	17		
	Secondary Points	Nos.			
	PART (A) SUB TOTAL				
	GST @.....				
	PART (A) SUB TOTAL INCLUDING GST				
B.	CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING FOR T.V. SYSTEM.				
1	TELEPHONE SYSTEM				
1.1	Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6 voice cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point.	Nos.	6		
1.2	Supplying, laying, effecting terminations, testing and commissioning of 0.51 mm dia Cu. Conductor, twisted, colour coded with polythene capor barrier, telephone cables in the existing tray or in conduit including providing & fixing conduit pipe or cable tray as required from building tag block to the floor as required.				
a)	Supplying & fixing 20 pair krone tag block with enclosure.	Nos.	1		

b)	P/L 20 Pair of PVC insulated PVC sheathed multi core jelly filled armored telephone.	Mtr.	35		
c)	Panasonic Electronic Modular Switching System MODEL NS-300 (Digital IP PBX SYSTEM) For 6 CO Lines 2 Digital Extension and 16 Extensions, with DISA Greeting Message and Extension Caller ID Expandable upto 6 co & 32 Extensions.	Nos			
d)	MDF with Krone Modules 50 pairs with connector	Nos			
2	COMPUTER NETWORKING				
2.1	Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6 computer cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point.	Nos.	16		
2.2	Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key).	Nos.	1		
2.3	Supply, Installation, Testing & Commissioning of 24 port Jack Panel.	Nos.	1		
2.4	Supplying and fixing Patch Cord-2 Meter-(DBPS Mounting Cord)	Nos.	15		
2.5	Supplying and fixing Patch Cord-1 Meter-	Nos.	15		
4	Supply, drawing, connecting, testing and commissioning of T.V Coaxial cable RG 6 in existing conduit.	RM	50		
		PART (B) SUB TOTAL			
		GST @			
		PART (B) SUB TOTAL INCLUDING GST			
C.	CABLES, MAINS & SUBMAINS				
1	Supplying all materials and laying/ pulling 1100 volts grade PVC insulated copper conductor wires (FRLS) in MS conduit with all fixing accessories after cutting the floor, wall and the like etc. and plastering the floor level to original. Conduit must be 30 mm below the floor finish level.				
i	2 X 4 sq.mm. + 1 X 4 sq.mm.	RM			
ii	2 X 6 sq.mm. + 1 X 6 sq.mm.	RM			
iii	2 X 10 sq.mm. + 1 X 6 sq.mm. (Branch UPS DB)	RM			
iv	1 X 10 sq.mm. Cu wire for earthing. (UPS Input/Output)	RM			

v	Supplying, laying, testing & commissioning of 4 C X 10 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (Light DB).	RM			
vi	Supplying, laying, testing & commissioning of 4 C X 25 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (Power + AC DB).	RM			
vii	Supplying, laying, testing & commissioning of 3.5 C x 50 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armored cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification. (Mains)	RM			
		PART (C) SUB TOTAL			
		GST @			
		PART (C) SUB TOTAL INCLUDING GST			
D.	DISTRIBUTION BOARD				
	Supplying, installing, testing & commissioning of surface/recessed mountings, Double door 415 volts TPN MCB distribution board of steel, 1.6 mm thick dust phosphatized and painted, inclusive of 100 amps, tinned copper bus bars, earth bar, common neutral link, din bar for mounting of MCB's detachable gland / knock out plate & with built in loose wire box, and superior make terminal connectors for all incoming and outgoing circuits duly prewired with adequate size of PVC insulated copper wires between the bus bars and the MCB's as well as the incomer and upto the terminal connectors/ neutral link and ready for installation of following ways as required.				
	Use 'B' curve MCB's for lighting & small power circuits, 'C' curve for motor duty i.e. for pumps, AC motors, window and split AC's etc. & 'D' curve for UPS DB's i.e. for computers/ PC's circuit. Main incomer & outgoing circuit MCB's shall be selected accordingly i.e. type B,C & D. Contractor to select the MCB's accordingly as per the nature of the circuit/ load.				

	Each DB shall have separate neutral links of rating not less than 100A for each phase. The main incoming neutral link shall be in addition to three outgoing neutral links and shall be of 125 A.				
	UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link.				
	All internal inter connecting wiring within the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating.				
	Inside each DB, a DB chart is to be fixed.				
a	4-way TPN DB (LIGHT DB)	No.	1		
	Incomer:-1 No. 40 Amp TPN (10 KA) MCB with 40 A DP RCCB (100 MA) each phase				
	Outgoing: - 6 Nos.6/10 Amp (10 KA) SP MCB				
b	4-way TPN DB (Power DB)	No.	1		
	Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase				
	Outgoing:- 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB				
c	4-way TPN DB (AC DB)	No.	1		
	Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase				
	Outgoing:- 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB				
d	4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)	No.	2		
e	(2+8)-way SPN DB (For UPS Sub DB)	No.	2		
	Incomer:- 1 No. 40 Amp DP (10 KA) MCB with 25 A DP RCCB(100mA)				
	Outgoing:- 6 Nos.6/10/16/25Amp (10 KA) SP MCB				
f	8 Way SPN DB for E- Lobby complete with lock & Key Arrangement with 40A DP MCB & 32 A DP RCCB (100 mA) and Outgoing as 4 No's of 6/10/16/25/32 A SP MCB as directed by the engineer in charge for E-Lobby AC- 2 No's and Light.	Nos.	1		
g	6 Way SPN DB for E- Lobby complete with lock & Key Arrangement with 25 A DP MCB & 25 A DP RCCB (100 mA) and Outgoing as 4 No's of 6/10/16/ SP MCB as directed by the engineer in charge for E- Lobby UPS points.	Nos.	1		

		PART (D) SUB TOTAL			
		GST @.....			
		PART (D) SUB TOTAL INCLUDING GST			
E	(LIGHT FITTINGS & ACCESSORIES)				
	Supplying, installation with hanging support, testing and commissioning of following light fixtures with electronic Ballasts, Tubes, lamps, all fixing materials including connecting wires etc. all complete as per the directions of Engineer-in-charge (All LED Light Fixtures should be covered with minimum 3 Years onsite replacement warranty).				
i	LED 18 W tube 4'-0" As specified in tender document or approved by SBIIMS/Architect.	Nos.	7		
ii	WIPRO 2 X 2 LED 35W fitting of make As specified in tender document or approved by SBIIMS/Architect.	Nos.			
iii	Supplying, fixing, testing and commissioning of 15 W LED commercial type down lighter of make As specified in tender document or approved	Nos.	30		
iv	Supply, installation, testing and commissioning of following fans with all fixing materials like white Polycarbonate 2 mm Hylem sheet cover, down rods, fan box as required etc. all complete as per the directions of Engineer-in-charge.				
a	Wall mounted fans (METAL BODY) 400 mm dia. make As specified in tender document or approved by concerned office in charge.	Nos.	7		
b	Supply & fixing of 230 mm exhaust fan 'Ventilair DX W' with self-closing louvers and plastic body with all accessories etc. complete of make As specified in tender document or approved by concerned office in charge.	Nos.	2		
c	Heavy duty exhaust fan in metal body in UPS	Nos.	2		
d	Ceiling fan with 4'-0" sweep	Nos.	4		
e	Fan regulators as per the site requirement	Nos.	4		
		PART (E) SUB TOTAL			
		GST @.....			
		PART (E) SUB TOTAL INCLUDING GST			
F.	EARTHING SYSTEM				
1	Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copperbonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit	Nos	1		

	Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).				
2	Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	Nos	2		
3	Providing and fixing of Copper/ GI strips in surface or in recess for loop earthing etc. as required.				
i	25 mm x 3 mm copper strip in B-class GI pipe	RM			
ii	25 mm x 5 mm GI strip	RM			
iii	Providing and fixing 2 X 8 SWG dia. Cu earth wire in PVC conduit on surface or in recess for loop earthing along with the existing surface/ recess cable as required.	RM			
PART (F) SUB TOTAL					
GST @.....					
PART (F) SUB TOTAL INCLUDING GST					
G.	MAIN PANEL AND METER BOARD				
	Designing, fabrication, supply, installation, testing and commissioning of front operated cubicle type compartmentalized, front access, free standing on 75MM "I" MS channel, dust and vermin proof (IP 42 degree protection) panel suitable for use at 415V, 3 phase, 4-wire 50Hz system suitable for fault level of required value symmetrical at 415V fabricated from 2mm thick CRCA MS sheets with hinged, gasketted (Metal based neoprene) lockable doors having structural reinforcement including 3mm thick gland plates on top and bottom, lifting hooks, GI earth strip of required size with 2 no's earth terminals, 2 no's 230V AC operated 250 mm X 250 mm size axial fans for exhaust of heat with On-Off toggle switches including 2 coated primer and 2 power coated paint finish of approved shade over metal surface cleaned and treated with seven tank process complete with interconnections etc. as per specifications as required. Main panel board of approved make (Should be CPRI Approved, Type of	Set	1		

	Approval as instructed by the concerned office in charge)				
	All live accessible parts shall be shrouded and all equipment shall be finger touch proof. The busbars insulation shall be with heat shrinkable sleeves SMC/ DMC shrouds and busbar supports shall be used. Padlocking facility shall be provided on all outgoing feeders' doors and switch handles shall be lockable in OFF position.				
	Suitable arrangement shall be made for termination of multiple incoming cables.				
	All KA values indicated shall be ICS breaking capacity				
	GA drawings shall be got approved by concerned office in charge.				
a.	Floor panel shall consist of :-				
	INCOMER				
	1 no. 100 Amp 4P On Load Change over switch with 1 No. 100 Amps, TPN MCCB (25 KA) with extendable rotary handle each thermal over current, instantaneous, Short circuit release, Earth fault.				
	BUSBARS				
	125 amps TPN pole bus bar chamber of suitable length with copper bus bars. All bus bars and interconnections shall be of suitable size copper strips.				
b.	INDICATING PANEL				
	Digital flush type class-1.0 accuracy multifunction meter showing V, A, PF etc. with 3 Nos. Current Transformers of 125/5A ratio, 15 VA Class-1.0 metering. - 1 sets				
	Red/Green/Amber ON/ OFF/ TRIP indicating lamps with 2A SP MCB backup protection.				
	1 set of three phase indicating lamps along with 2A SP MCB backup protection.				
	Restricted Earth fault relay with 3 Nos. current transformers of 125/5 ratio, 15 VA Class 5P 10 (Numeric Relay not required.)				
	OUTGOINGS:-				
	2 Nos 40 A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For Light DB & Spare)				
	3 Nos 40 A DP MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars.				
	2 Nos 63 A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (for AC and Power DB)				

	The electrical panel as described above and specifications complete.				
		PART (G) SUB TOTAL			
		GST @.....			
		PART (G) SUB TOTAL INCLUDING GST			
H	OUTDOOR TYPE GLOW SIGN BOARD WIRING				
a.	Supply laying of Main line with 2x2.5 + 1x 1.5 Sq.mm through MS conduit from main panel	Mtr.	10		
b.	To Glow Sign Board				
	Supply installation of 16 Amp. DP MCB at main entrance Glow sign Board with Timer of reputed make	Nos.	2		
		PART (H) SUB TOTAL			
		GST @.....			
		PART (H) SUB TOTAL INCLUDING GST			
	GROSS SUB TOTAL (PART A + PART B + PART C + PART D + PART E + PART F + PART G + PART H) INCLUDING GST				
	GRAND TOTAL AMOUNT				
<p>Note: 1. The contractor shall quote rate of whole item in BOQ considering the provided basic rate of material by bank. However, if bank approves the basic rate of material below the provided rate in the respective item, than the difference of amount for that item will be deducted accordingly or rate will be reduced accordingly.</p> <p>2.All the pages shall be signed and stamped by the contractor.</p> <p>3.Price Bid shall be filled only in typed form. The price bid which are handwritten will be summarily rejected.</p> <p>4.No addition/alteration is permitted for contractor in BOQ.Also no discount in addition to the total is permitted in the BOQ.Contrctor has to fill the rates considering the specification of item, material,labour,trasporation, taxes ,overhead charges, profit etc.</p>					
Amount in Rupees:- Rs					
Sign & Seal of the Contractor : -					
Date:					

