

BILL OF QUANTITY AND ESTIMATES FOR FURNISHING,ELECTRICAL ,AC, DATA NETWORKING AND MODULAR FURNITURE WORKS FOR BANK OF BARODA BRANCH WAVE CITY GHAZIABAD

Sl. No.	Description of Item	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
	Section A : Furnishing Work.				
1.	FALSE CEILING (GYPSUM CEILING) : Providing and fixing 12.5mm thick gypsum false ceiling as per direction of the Architect. Rate shall be inclusive of providing and fixing 18 gauge GI framework from India Gypsum at the distance of 600 mm c/c (max) both ways. Rate shall be inclusive of any vertical ceiling part, spot, tube light, fans, AC grills, fire and security systems cutouts with framing, and finishing with necessary jointing compound and 2 coats of plastic emulsion paint over a coat of primer. Manufacturer's guidelines to be followed strictly.	65	Sq.m		
1a	Providing and fixing Armstrong (Fine Fissured Micro Look with Tagular Edge using 15mm Grid sections) false ceiling of size 24"x24" at levels as shown in the drg. From FFL. Rate shall be inclusive of providing the total sysem with installation etc.. The contractor has to maintain all tiles in good order and replace the defected tiles (at his own cost) before handing over the site for Branch Operations (till Inauguration).	95	Sq.m		
2.	Solid Partition (<i>Partition Type – 1 as marked in the drawing</i>) : Providing and fixing partition framing upto ceiling level. Framing shall consist of 50 x 50 mm wood member, at 600 mm c/c bothways horizontally and vertically. Above false ceiling, alternate vertical sections to be extended upto main ceiling and to be fixed with MS cleats. Framing to be covered on both sides with 6 mm thick BWP ply finished with 1mm thick laminate of approved shade and colour, necessary groove work, beadings, moulding and 75 x 12 mm t.w. skirting duly polished. The item is to be finished complete in all respects. (Tenderer should visit the site and check the actual floor height – Partition to be measured upto false ceiling height excluding door opening for Billing purpose)	75	Sq.m		

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Sl. No.	Description of Item	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
3.	FULL HEIGHT PARTLY GLAZED PARTITION (<i>Partition Type – 2 as marked in the drawing</i>): Providing and fixing partition framing upto ceiling level. Framing shall consist of 50 x 50 mm wood member, at 600 c/c bothways horizontally and vertically. Above false ceiling alternate vertical sections to extend upto main ceiling and to be fixed with MS cleats. Framing to be covered on both sides with 6mm thick BWP ply finished with 1mm thick laminate, necessary groove work, beadings, moulding and 75 x 12 mm t.w. skirting duly polished. Upto a height of 900 mm from FFL and from 2100 mm upto the false ceiling, the partition should be made solid / fully blocked; from 900 mm to 2100 mm clear glass of 8 mm thickness etched as per direction of the Consultant fixed with t.w. moulding of 19 x 35. The item is to be finished complete in all respects. (Tenderer should visit the site and check the actual floor height – Partition to be measured upto false ceiling height excluding door opening for Billing purpose).	18	Sq.m		
3.a	FULL HEIGHT PARTLY GLAZED PARTITION 7'0" HIGH (<i>Partition Type – 2 as marked in the drawing</i>): Providing and fixing partition framing upto ceiling level. Framing shall consist of 50 x 50 mm wood member, at 600 c/c bothways horizontally and vertically. Above false ceiling alternate vertical sections to extend upto main ceiling and to be fixed with MS cleats. Framing to be covered on both sides with 6mm thick BWP ply finished with 1mm thick laminate, necessary groove work, beadings, moulding and 75 x 12 mm t.w. skirting duly polished. clear glass of 8 mm thickness etched as per direction of the Consultant fixed with t.w. moulding of 19 x 35. The item is to be finished complete in all respects.	35	Sq.m		

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Sl. No.	Description of Item	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
4.	LOW /FULL HEIGHT PARTLY GLAZED PARTITION (<i>Partition Type – 3 as marked in the drawing</i>) : Providing and fixing partition framing upto total height of 1500 mm. Framing shall consist of 50 x 50 mm wood member, at 600mm c/c bothways horizontally and vertically. Framing to be covered on both sides with 6mm thick BWP ply finished with 1mm thick laminate upto 1050 mm height, necessary groove work, beadings, moulding and 75 x 12 mm t.w. skirting duly polished and above 900 mm level, glazed by 8mm thick 300mm high glass etched as per approved design upto 450 mm height. The item is to be finished in all respects. (Partition to be measured excluding door opening for Billing purpose).	15	Sq.m		
5.	MAIN ENTRANCE DOOR : Providing and fixing fully glazed Tougnd glass pivoted door at the main entrance. Door shall consist of 125 x 50 mm CP teakwood for top rail and 175 x 50 mm CP teakwood for bottom rail and 12mm toughened glass, etched as per design in between. Rate should be inclusive of approved locking systems, 1 pair SS handles, single action floor spring with base plate, miscellaneous hardware items and melamine polish (sprayed) of rails all complete. Opening size 1050 x 2100 mm. (1 no.) Payable in Sq.m.	8	Sq.m		
6.	FLUSH DOOR : Providing and fixing in position 35 mm solid core flush door finished with 1mm thick laminate as per design on both sides duly polished, t.w. lipping on two vertical and horizontal edges having medium duty door closer, cylindrical lock, door stopper, brass hinges, etc. Also providing 75 x 62.5mm second class t.w. frame having t.w. lipping fixed in either surface of the frame duly polished with 3 coats of lacquer melamine and fixed to the partition frame.	2	Sq.m		

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SI. No.	Description of Item	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
7.	PARTLY GLAZED DOOR : Providing and fixing in position 25 mm solid core panel door finished with 1mm thick laminate on both sides upto 1050 mm height, t.w. lipping on two vertical and horizontal edges, medium duty door closer, cylindrical door lock, door stopper, etc., 75 x 62.5mm second class t.w. frame with t.w. lipping, 8 mm thick glass with necessary etching and / or frosting to be provided as per design / directions, fixed with wooden mouldings from both sides. All exposed woodwork to be melamine polished. The work should be finished as per specification, design and completed in all respects.	8	Sq.m		
8.	FIXED GLAZING : Providing and fixing in position 12 mm thick glass, etched as per design fixed in 50 x 50 mm wooden framework with necessary t.w. moulding in two pieces in front of the cash / one window team as per design.	28	Sq.m		
9.	COLLAPSIBLE GATE : Providing and fixing collapsible gate made of best quality SRI Mills gate channel with 18 mm. x 5 mm. cross members with top fixed in tee and bottom runners made of 40 mm. x 6 mm. flats and 40 mm. x 12 mm. x 25 mm. flats finished with 1 coat of Black Japan and enamel paint finish. a) Main Entrance	0	Sq.m		

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SI. No.	Description of Item	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
10.	STORAGE UNIT : Providing and placing in position Storage units fabricated out of 19mm thick BWP block board on all sides, backing and separators will be of 6mm thick BWP ply, shelves and shutters will be of 19mm thick BWP solid ply. The top, sides, shutter front and back sides (if exposed) to be finished with 1mm thick laminate with necessary grooves and the exposed edges of block board should be finished with 6mm t.w. lipping. Inside of the unit will be polished in matching tone. Unit should be provided with locks, hinges, sliding drawer channels, handles, ball catchers and tower bolt fixed. There should also be a 75 x 12 mm t.w. skirting with grooves as per design polished in matching tone.	22	Sq.m		
11.	Side Rack / storage units sides, Top, bottom , shutters and shelves shall be made of 19mm thick comm. ply (BWP) of approved quality and make finished with 1.00mm thick laminate of approved quality and shade with 1 3/4" x 1" teak / beech wood edging. Side unit shall have two drawer mounted on telescopic channel and storage box with open able shutter, The rear side shall be made of 6mm thick ply wood (BWP) duly painted The top, sides, and shutter shall be finished with 1.00mm th laminate of approved quality and shade as per design with groove . The exposed edges of the board shall have Wooden liping, Skirting 4" high duly finished with laminate. The rate includes necessary ardware such as SS hinges , SS tower bolts, locks , magnetic catchers, 4" long SS handle of approved quality and design . All inner surfaces shall be finished with enamel paint two or more coats over a coat of primer and all exposed wooden surfaces shall be stained to approved colour finish with melamine. Size 3'0"x 1'8" x 2'6" (high)	12	Sq.m		

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SI. No.	Description of Item	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
12.	<p>BM Table : Providing Table in position, Top shall be made 19 mm th comm. ply (BWP) with 6mm thick solid Corian top of approved quality and make with 40mm wide edging all around, Table sides and front apron shall be made of 19mm thick comm ply (BWR garde) finished with 1.00mm thick laminate with edging on all exposed end all around . Drawer unit consist of three drawer and trey with telescopic sliding channels with alround boxing made of 19mm th comm. Ply with vertical support of the table as one side. Drawer structure shall be made of 12mm comm ply wood and bottom shall be made of 6mm thick comm. ply The front face of the drawer shall be covered with 1.00mm th laminate of approved shade and make and 0.6mm thick laminate shall be fixed on all inner surfaces of drawer . Each drawer shall have lock, SS handle.telescopic channel etc item includes CPU trolley, wooden foot rest, cable manager etc in size 6'0" X 3'0" X 2.6"</p>	1	NOS		
13	<p>Cash Counter Providing & fixing Cash Counter of length 1350 / 1500 mm as per layout plan with Writing top, Upper top, front projected face, sides and front apron all shall be made of 19mm thick comm. Ply (BWP) of approved quality and make with wooden lipping / moulding on exposed ends of comm.. board. The writing top and front apron, projected face and exposed sides shall be finished with 1.00 mm thick laminate of proved shade and the upper top shall be provided with 6mm thick solid Corian of approved shade (as per the approved sample) with 19mm th. Comm. Ply (BWP) . The exposed edges of the corian shall be rounded on both the edges (outer & inner face) all exposed edges of counter top shall be 40mm thick finished with laminate tape, The skirting shall be 100mm high finished with 1.00mm thick laminate. There shall be a CPU shelf of size 600mm x 300mm made of 19mm commercial Ply (BWP) fixed at height of 150mm inside the counter with alround teakwood lipping with laminate on top and skirting.There shall be wooden foot rest made of hollock wood .There shall be metallic key board tray of approved make There shall be a drawer unit consists of three drawer with alround boxing made of 19mm thick comm. Ply with Vertical support of the counter as one side. The drawer shall be made of 19mm th. Comm Ply .The drawer bottom and rear side of the unit shall be covered by 6mm commercial plywood. The front face of the drawer shall be covered by 1.00 mm thick laminate of approved shade and make. Each drawer shall have multipurpose lock (godrej- metallic), drawer telescopic sliding channel and SS handle.All the non laminated surfaces shall be painted with enamel paint over a coat of wood primer.all exposed wooden surfaces shall be stained to approved colour finished with melamine.The overall dimensions shall be :</p>	1	NOS		

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SI. No.	Description of Item	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
14	Providing & fixing running Low height single top Counter as per layout plan with Writing top, sides and front apron shall be made of 19mm thick comm. Ply (BWP) of approved quality and make with rubber wood with lipping on exposed ends of comm. board. The front apron, exposed sides and drawer unit shall be finished with				
	Low Hieght Couter (one level)1.00 mm thick laminate of approved quality and shade. The writing top shall be made of 19mm thick comm.. Ply with 1.00mm thick laminate with 40x40mmm rubber wood edging on exposed faces of top. The skirting shall be 100mm high duly laminated. The exposed edges of the Counter Shall be finished with 40mm wide laminate tape (outer & inner face)There shall be a CPU shelf of size 600mm x 300mm made of 19mm commercial block board fixed at height of 150mm inside the counter with alround teakwood lipping .There shall be wood foot rest made of hollock wood. There shall be metallic key board tray of ebco make .There shall be a drawer unit with each unit, drawer unit consists of one drawer with storage unit with alround boxing made of 19mm commercial block board with vertical support of the counter as one side. The overall dimension of the drawer unit shall be 16" wide and 24" deep all made of 19mm commercial block board .The drawer bottom shall be made of 6mm th. Comm.. ply and rear side of the unit shall be covered by 19mm th. Marine grade ply. The front face of the draw shall be covered by 1mm th. lamination of approved shade and make. Each draw shall have multipurpose lock (godrej) and SS handle. All the non laminated surfaces shall be finished with wood polish. The overall dimensions shall be : Length =1200 to 1350mm per seat , Width of writing top = 800mm, height of writing platform= 750mm.width of upper top 200mm and ht. of upper top above counter 200mm				
	Length = 1350 to 1500mm each unit Width of writing top = 800mm,	0	RM		
	width of upper /customer top = 400mm, height of writing platform= 750mm,	0	Nos.		
	height of customer platform above writing top = 400mm	0	RM		

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SI. No.	Description of Item	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
d)	Help Desk (Host)	1	Nos.		
e)	OfficerTable .(1800x 750 mm depth)	6	Nos.		
14a	Supply and arranging of local make wrought iron fixed chair for visitors as per approved shade & design. Multi seater option can also be offered.	6	Nos.		
14b	VERTICAL BLIND – Providing and fixing vertical blinds having 25mm high grade aluminium alloy slats with 0.19mm thickness and 100mm wide . The head channel should be of GI steel U shaped PU powder coated fitted with guardian tilter having Tomised steel housing and self lubricating nylon automatic disengaging worm and gear mechanism, all the fixtures in the top rail including Drums, Cradle, Tilt rod, etc will be of Tomised steel with 19mm bottom rail made of GI steel in matching colour. The slat is to be placed on braided polyester yarn. The top rail is to be fixed on GI steel “L” shaped swivel bracket to hold head channel. The blind will be in approved colour shade. (Payment will be made on the basis of brickwork opening) (Make : Classic, Veesta or equivalent)	35	Sq.m		
15.	PIN-UP BOARDS : Supplying and fixing pin-up boards fabricated out of 12mm BWP ply covered with 12mm soft board padding and upholstered with poly propylene fabric @ Rs. 150/- per meter edges of soft board should have t.w. moulding duly spirit polished.	8	Sq.m		
16.	PLANTERS : Providing and placing planters (450 x 450) of appropriate size made out of 19 mm block board & outer side finished with 1mm laminate of appropriate shade & colour and placing them in position with supply of plants.	4	Nos.		
17.	SUGGESTION BOX (450 x 600 x 200) : Providing and fixing suggestion box made out of 19mm BWP ply and finished with 1mm laminate and enamel painted on the inside. A 300 mm long slit is to be made in the front for letters, etc. The work should be completed in all respects.	1	Nos.		

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Sl. No.	Description of Item	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
18.	FOOTRUGS (750 x 450) : Providing and laying synthetic door mats of approved shade from Birla 3M.	3	Nos.		
18a	Providing and laying of Cotton Carpet in strong room of bank approved make and color . It should be confirming to bank branding.	18	Smt		
18c	Prviding and fixing in position of wall paper of approved matterna and make confirming to Bank Branch in strong room	22	dsmy		
19.	PAINTING : Providing and applying 2 coats of plastic emulsion paint over 1 coat of primer of approved shade and colour on walls, columns and ceiling. The job is inclusive of scraping, leveling and preparing the surface, applying primer, etc.	85	Sq.m		
20.	ENAMEL PAINING : Providing and applying 2 coats of enamel paint over 1 coat of primer of approved shade as per direction of the Architect. The job is inclusive of scraping, leveling and preparing the surface, applying primer, etc.	35	Sq.m		
21.	POP PUNNING : Providing and applying Plaster of Paris punning on average 15mm thickness on ceiling, walls and columns to bring the surface in plumb line and level. Rate will be inclusive of scraping, leveling and preparing the surface as also grooves above skirting, around window and door frames. Rate to include scraping, neeru / any other finish on the existing plastered surface.	15	Sq.m		
22.	GRANITE LEDGE: Providing and placing in position 19mm thick Black Galaxy Granite counter top at cash counter and case team counters with machine polished and moulded edges fixed in position with mouldings, etc., as per design	0	Sq.m		

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SI. No.	Description of Item	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
23.	Providing and fixing Aluminium Composite Panel for external wall cladding using 3mm thick ACP with aluminium foil thickness of 0.5mm on both sides and 2mm thick poly ethylene core of euro bond, Aluco Panel / Aludecor make. The panel should be of PVDF paint	45	Sq.m		
24.	Fixing Teak Wooden decorative beading 50 mm wide polished as per direction of the Architect.	12	RM		
25.	Wall Paneling with 6 mm BWP ply and 1mm thick laminate of approved shade and colourwith 25 x 25 wooden framing at 450 mm c/c bothways.	35	Sq.m		
26.	WIRE MANAGERS : Providing and fixing in position PVC 75mm dia Wire Managers of approved make.	12	Nos.		
27.	Providing & supplying of the letter box/ cheque drop box as per the bank approved format and design ,as directed by Bank / Architects. Complete building from outside thre sides.	1	each		
28	PVC AND POP Floor protections layerings for Existing Ceramic floor Tile .				
	Providing and laying 1st quality PVC Sheet of 18-20 microns density heavy duty on exisitng floor tiles and applying POP layers of suitable thickness , above PVC sheet coating to protect the existing floor tiles from damage during the furnishing work etc all complete as approved by the Bank. The rates shall include the removal and disposal of protection layers and cleaning of the floor tiles after sccuessful completion furnishing work etc. all complete as directed by the Architects/ Bank.	150	Sq.m		
29	Providing & supplying of the customer writing desk as per the bank approved format and design ,as directed by Bank / Architects. Complete building from outside thre sides.	1	each		
TOTAL FOR INTERIOR WORKS					
<i>Section B : Electrical Fittings.</i>					

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Sl. No.	Description of Item	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
A]	FIXTURES –				
1]	36 W LED light fixture (Recess mounted) High efficiency (Philips make Catalogue / Ref No RC375BLE28S/840PSUW60L60WH	24.00	no		
2]	28 W LED Batten (Philips make Cat / Ref No. BN028CLE20S PSU NW / CDL GR	10.00	no		
3]	12.5 W LED high efficiency recess mounted Circular down light		no		
4]	LED Strips for Cove Lighting (5 Mtr long) (Rate Rs 750/- per strips)	8.00	no		
4a]	Providing and installing the Fancy Lookin Mirror with LED Light border in oval shape as per bank approved branding , in strong room. All complete. In cluding connection etc complete.	1.00	no		
5]	Supply & installation of 15 v, 50 w Halogen down lighter with 50w lamp & Transformer [ECT 75] [Wipro make -]	46.00	no		
6]	Supply & installation of 18w picture tube to elighten the specific area.	4.00	no		
7]	Supply & installation of wall mounted sunrise fitting.4'0" PATTI TYPE LED Ordinary fittings.	5.00	no		
8]	Supply & installation of wall mounted fan [Bajaj / Crompton make] with acrylic blades.	12.00	no		
9]	Supply & installation of 9" exhaust fan	2.00	no		
10]	Providing & fixing of ceiling fan [1200 mm]	2.00	no		
B]	Electrification for Computerisation				
1]	Supply & installation of 25A DP MCB in suitable metal enclosure. [Legrand]	1.00	no		
2]	Supply & installation of reyrolle plug socket with appropriate MCB's [Legrand]	0.00	no		

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3]	Supply & installation of 8 - way DB with three phase incoming and single phase outgoing [VTPN] with Legrand - 607751] : Incoming - 63A TPN MCB Outgoing - 32A DP MCB - 9 Outgoing - 20A SP MCB - 2 Outgoing - 16A SP MCB - 1 Outgoing - 10A SP MCB - 3	1.00	no		
4]	Supply & installation of 4 - way DB with three phase incoming and single phase outgoing [VTPN] with Legrand - 607750] : Incoming - 63A TPN MCB Outgoing - 32A SP MCB - 5 - 20A SP MCB - 2 MCB - 1 Outgoing - 16A SP MCB - 4 Outgoing - 10A SP MCB - 4	0.00	no		
5]	Supply & installation of UPS SPN DB 16 - way SPN DB with [Legrand - 607713] : Incomer - 40A DP MCB Outgoing - 10A SP MCB - 13	1.00	no		
6]	Supply & installation of UPS SPN DB 12 - way SPN DB with [Legrand - 607712] : Incomer - 40A DP MCB - 10A SP MCB - 13 Outgoing	1.00	no		
7]	Medium voltage / Conduiting -				
b]	3 1/2C x 35 sqm aluminium armored cable with 8 SWG GI conductor earth. DG Set	35.00	m		
9]	Termination of cable with glands & fine copper lugs 3 1/2C x 35 sqm	6.00	no		
10]	Supplying wiring & connecting 2 run of 6 sqm PVC copper conductor and 1 run of 2.5 sqm copper conductor through PVC conduit [HMS] with its specials.	85.00	m		
11]	Supplying , wiring & connecting 2 run of 4 sqm PVC copper conductor and 1 run of 2.5 sqm PVC copper conductor through PVC conduit [HMS] with its specials.	45.00	m		

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12]	Supplying , wiring & connecting 3 run of 2.5 sqm PVC copper conductor through PVC conduit [HMS] along with its accessories.	18.00	m		
13]	Supply, fixing, wiring & connecting 2 no of 3 pin 5A modular socket and switch with indicator with 2 runs of 2.5 sqm PVC copper conductor and 1 run of 1.5 sqm PVC copper conductor running through PVC conduit [HMS]with its specials from DB to work station through floor,wall , trunking box in concealed form. Cost should be inclusive of chiseling the floor/wall & finishing with 1:2:4 cement concrete in case of floor & POP in case of wall. Every work station will have separate circuit from main switch to switch board.	12.00	no		
14]	Supply, fixing, wiring & connecting 2 no of 3 pin 5A modular socket and switch wooden mounted with indicator with 2 runs of 2.5 sqm PVC copper conductor and 1 run of 1.5 sqm PVC copper conductor running through PVC conduit [HMS]with its specials from DB to work station through floor,wall , trunking box in concealed form. Cost should be inclusive of chiseling the floor/wall & finishing with 1:2:4 cement concrete in case of floor & POP in case of wall. Every work station will have separate circuit from main switch to switch board.	8.00	no		
15]	Supply & installation of earthing station CHEMICAL EARTHING as per IS standards with confirming to the manufacturer specifications and the guidelines as approved by the bank etc.complete.	3.00	no		
16]	Supply & installation of earthing station 600 x 600 x 6 mm thick GI hot depth earth electrodes as per IS standards with salt,charcoal,chamber,GI cover, funnel etc.complete.	3.00	no		
17]	Supply & installation of 1C x 6 sqm copper insulated 1.1 kv grade unarmored conductor through 20mm metal conduit for earth pit to UPS room	22.00	m		
18]	Supply & installation of 8 SWG twin GI conductor for GI earthing.	12.00	m		
B]	Electrification for Computerisation				
	MAIN DISTRIBUTION BOARD				

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Sl. No.	Description of Item	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	Supplying, Installing ,Testing & Commissioning of cubicle type dust and vermin proof 9 KA fault level distribution box made of 16 SWG CRCA sheet steel having seprate chambers within it for lighth MCB'S , power MCB'S and A/C'S MCB'S & change over switch . The DB should be suitable for wall mounting with lockable double hinged door construction and painted with stove enamelled paint of desired shade. The DB to confirm to latest IS code and provided with incoming and outing connections and bus bars of solid electrolytic copper and 9KA MCB's . THE DB is to be also provided with copper Neutral and earthing links etc. including necessary hardware, civil works etc. along with bus bars, voltmeters, Am meters, phase indicating lights, controll fuses, requiste no of neutral & earth link bars/ blank plates commpersion glands etc.				
	DB to be camouflaged/ encased with shutters made out of 19mm tk. Comm board with 1.5mm laminate stuck on top in pattern as specified by Architect.				
	Complete in all respects as follows:-				
	INCOMING				
	200 AMPS.TPN MCCB.				
	200Amps. 415 Volts 3 phase 50 Hz TPN DT M.C.C.B. with tripping range of 70 to 100 Amps.				
	1set 200 Amps 3 phase 415 volt 50 Hz TPN copper Bus bar.				
	1 No. 200 Amps. 415 Volts 3 phase 50 Hz TPN on load change over switch for generator.				
	OUTGOING				
	3 No. 63 amps 415 volt 3 phase 50 Hz TPN M.C.C.B.'s of 25 KA rupturing capacity.				
	Upto 10Nos. 6/10/16/20/32/40/Amps Sp /SPN MCB'S of 9KA rupturing capacity.				
	Upto 6 Nos. 32/40 amps T P N M.C.B.'s of 9KA rupturing capacity.				
	Copper Bus bar , Neutral & copper earth links.Complete with all Connections.	1	nos		
2	S.I.T.C. of 4core 50sqmm copper conductor PVC armoured cable 1.1KV grade Polycab make ISI.	1	m		
3	Point Wiring : S.I.T.C. of point wiring with 3 Nos 1.5sqmm copper				

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Sl. No.	Description of Item	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
	conductor PVC insulated wires in 2mm thick PVC conduit HMS				
	Precision make with all conduit ccessories, Anchor Roma make				
	modular switches, sockets complete with boxes as under :				
a	Primary light points PTS.	26.00	Nos		
b	Secondary light points.	22.00	Nos		
c	Two light points controlled by one 6 amp switch.	4.00	Nos		
d	6 Amp Plug Ponits (Separate Individual).	12.00	Nos		
e	6 Amp Plug Ponits (On Board Half Point).	10.00	Nos		
f	Call Bell Point with call bell indicator.	2.00	Nos		
g	Exhaust Fan Point.	2.00	Nos		
4	Circuit Wiring Lighting				
a	S.I.T.C. of two wires of 2.5 sq.mm.and one wire of 1.5 sq.mm in PVC conduit from distribution board to switch board.	325.00	Mtrs		
5	Power Wiring				
	S.I.T.C. of two wires of 2.5 sq.mm.and one wire of 1.5 sq.mm in PVC conduit from distribution board to 16 Amps power plug points.	190.00	Mtrs		
6	Do as above, but two wires of 4 sq. mm and one wire of 2.5 sq.mm. in PVC conduit from distribution baaord to Air Conditioner and	22.00	Mtrs		
a	AC points.				
	Telephone Wiring				
a	S.I.T.C of four pair of 0.51 mm telephone unarmoured cable in PVC conduit excluding conduit cost.	30.00	Mtrs		
b	Do as above but RG6U TV Coaxail Cable.	-	Mtrs		
7	S.I.T.C of switch, sockets, Anchor Roma modular plates, boxes complete as under :				

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FURNITURE WORKS FOR BANK OF BARODA BRANCH WAVE CITY GHAZIABAD**

Sl. No.	Description of Item	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
a	TV socket outlet.	-	Nos		
b	Telephone Sockets (2 Pins).	4.00	Nos		
1]	Computer Sockets RG 45.	14.00	Nos		
2]	16 Amps switch and sockets.	7.00	Nos		
8	20 Amps reynolds sockets with 20 Amps SPMCB for A/C.	7.00	Nos		
9	S.I.T.C of two wires of 6 sq.mm. and one wire of 2.5 sq.mm. in PVC conduit for UPS to distribution board.	35.00	Mtrs		
10	S.I.T.C of patti type light fitting including the cost of lamp for indirect lighting	-	Nos		
11	S.I.T.C of telephone tag block 20 pair krone type.	-	Nos		
12	S.I.T.C of TV splitter 6/8 way in MS box.	-	Nos		
	Total ELECTRICAL WORKS				

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Sl. No.	Description of Item	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
	Section C: Airconditioning Works				
3.1	HWM Inverter type Split AC (Daikin / Hitachi / Blue Star) Supplying, installation, testing and commisioning of high wall mounted BEE certified 5 star rating invertor type high wall split AC unit, with cord less remote with comprising of an outdoor unit and single hi wall mounted indoor unit with gas filling as required, including mountain the indoor unit , making interconnections with refrigerent piping and control wiring, installation of ODU in stand etc. condenser unit shall be complete with hermetically sealed rotary copper compressor and air cooled condenser with fan evaporating units shall consists of a fan section with dynamically balanced centrifugal fan driven by FHP motor, multi row deep cooling coil of copper tube with fins, thermostatic expansion valve etc. the evaporating unit shall be equipped with synthetic fibre filter, insulated drain pan safety single phase units. The compressor shall be having 5 years replacement warranty, suitable for operation on 230V/50 Hz single cooling AC power supply capable of performing, cooling, dehumidifying, air circulating and filtering. Item includes outdoor stand / bracket etc. all accessories required to complete the installation with 5 Rmtr free Copper Pipe with insulation with each AC unit as per manufacturer' specifications				
	(Carrier/ Voltas and eq.)				
	The contractor should visit the site and locate the placement of indoor & outdoor unit. The cost should include copper pipes, drainage pipes upto 6.00 metre and cables required for installation and installation charges.				
3.1.a	2.0 TR (i) Supply	6	each		
	(ii) installation	6	each		
3.1.b	1.5 TR (i) Supply	3	each		
	(ii) installation	3	each		
3.2	Charges for refrigerent COPPER Piping for split Acs. over and above the standard pipe length. The cost to be inclusive of insulation etc. The pipes are NOT to rest on FALSE ceiling They are to be either Hanged from ceiling or Fixed to the Walls.	35	R.Mtr		
3.3	Charges for drainage PVC pipe for split Acs. over and above the standard pipe length. Fixed to the Walls in chase as case may be.	45	R.Mtr		

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SI. No.	Description of Item	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
3.4	Providing and fixing Stabilisers for AC 5 KVA with 3 step relay and TDR with input voltage range of 140-280 and output to be 230 V.	9	each		
3.5	Providing and fixing control wiring for 1.5 TR split unit	65	R.Mtr		
3.6	Providing and fixing MS Cages for AC Condensing Units To be hanged Outsie.The Cages to be Grouted in ceiling OR walls as the case maybe. The Cages to have shuttered openings which are lockable. All the cages to be painted in synthetic enamel after preparing base.	9	each		
TOTAL FOR Air Conditioning Works					

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SI. No.	Description of Item	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
	<i>Section D Data Cable Works</i>				
1]	Shifting and and refixing of existing 24-PORT SWITCH (LINKSYS-MAKE)	0	no.		
2]	Providing and fixing 16-PORT SWITCH (LINKSYS-MAKE)	1	no.		
3]	Providing and fixing JACK PANEL for 24 port switch D-link)	1	no.		
4]	Providing and fixing JACK PANEL for 16-port switch D-link)	0	no.		
5]	Providing and fixing of 12U RACK for above	1	no.		
6]	Providing and fixing of CAT-6 patch cords with crimping at both ends (7 feet long-D-link)	12	no		
7]	Providing and fixing of CAT-6 I/O outlets with with concealed box and dual face plates-D-LINK-make	16	no		
8]	Providing and fixing of CAT-6 Data Cable in PVC mounted conduits all complete with necessary joinary etc and commissioning of the data network.	375	rmt		
9]	Commisioning of above switches with ferrolling etc. complete	1	set		
	TOTAL DATA CABLE WORKS				

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Sl. No.	Description of Item	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
ABSTRACT OF BILL OF QUANTITY AND ESTIMATES FOR FURNISHING,ELECTRICAL ,AC, DATA NETWORKING AND MODULAR FURNITURE WORKS FOR BANK OF BARODA , WAVE CITY GHAZIABAD					
	<i>Section A : Furnishing Work.</i>		Rs.		
	<i>Section B : Electrical Fittings.</i>		Rs.		
	<i>Section C : AC Work.</i>		Rs.		
	<i>Section D : Data Cable Works</i>		Rs.		
	<i>Total</i>				
		TOTAL	Rs.		