

**Furnishing of LOCKER LOUNGE, GANDHIBAZAR BRANCH, BANGALORE
SOUTH REGION**

SUMMARY

A	INTERIOR WORK ESTIMATE	Rs.	
B	ELECTRICAL WORK ESTIMATE	Rs.	
C	A C WORK ESTIMATE - Casset & Split AC Combination	Rs.	
D	MODULAR WORK ESTIMATE	Rs.	
GRAND TOTAL (Excluding GST) IN RS		Rs.	

RENOVATION BRANCH OFFICE & ATM FOR BANK OF BARODA AT GANDHIBAZAR, BANGALORE.**BILL OF QUANTITIES INTERIOR WORK**

Sl. No.	DISCRIPTION	QTY	UNIT	RATE	AMOUNT
1	False ceiling(Gypboard)				
	Plain gypsum board MR/FR grade ceiling: 12 mm thick Plain gypsum MR/FR grade false ceiling Suspension(considering all levels with require all fabricataion work and fitting from RCC slab to false ceiling level & The rate shall be considered in sqm for all floors and at all heights,offsets whether covelight or fixed gypsum board size up to 100 mm to 1200 mm in the false ceilings including all costs) .Work complete as per the manufacturers specification of Saint Gobain or approved make- M/F Suspended Ceiling 1 hour fire rated.				
	Providing and fixing Suspended ceiling using Gypsum or equivalent of ULtra G. I. Perimeter Channels of size 0.55mm thick having one flange of 20mm and another flange of 30mm and web 27mm along with perimeter of ceiling, screw fixed to brick wall / partitions with the help of nylon sleeves and screws, at min. 600 mm centers. Then suspending G. I. intermediate channel of size 45mm, 0.9mm thick with two flanges of 15mm each from the soffit at 1220mm centers with ceiling angle of width 25mm x 10mm x 0.55mm thick fixed to soffit with G. I. cleat and steel expansion fasteners. Ceiling section of 0.55mm thickness having knurled web of 51.5mm and two flanges of 26mm each with lips of 10.5mm are then fixed to intermediate channel with the help of connecting clip and in direction perpendicular to the intermediate channel at 457mm centers. 12mm gypsum MR/FR grade Board (conforming to IS 2095 part 1 2011) is then screw fixed to ceiling section with 25mm dry wall screwed at 230mm centers. Screw fixing is done mechanically either with screw driver or drilling machine with suitable attachment. Finally the boards are to be jointed and finished so as to have a flush look which includes filling and finishing the edges of the boards with jointing compound, Joint paper tape . Cutouts For light fittings, grill diffusers shall be made. Necessary cutting / providing openings in the ceiling for AC fixtures, grills, electrical fittings, or other utility services,hatch openings etc. shall be provided by the Contractor and cost of making such modifications shall be included in the price. No separate charges for cutting / providing opening will be paid. Joints between the two gypsum board, (Board placed staggered) gypsum board and wall will have suitable tape and finishes with plaster of paris so as to have crack free joints.				
	The item includes providing and fixing trap door of size 600 X1200 mm as per approved sample of Ceiling panels comprise of a powder-coated beaded steel frame with gypsum / plywood board door. Each panel features a push-latch closing mechanism with door retaining safety cable & hook.Suspenders from ceiling to support the frame and trap door firmly along with necessary hilti fastner, cleats, screws, angles, packing, etc. complete work. Work complete including all type of tools, tackles, finishing etc	1069.00	Sft		
2	GRID FALSE CEILING				

	<p>Mineral fiber ceilings make the ceiling level look clean and defined. They are economical and convenient for servicing for the above false ceiling ducting, wiring etc. These ceilings are fire retardant and makes them ideal for fire hazard areas. Being lightweight they are easy & quick to install, have light reflectance, sound absorption, thermal insulation properties and biodegradable.</p> <p>METRO BRANCHES – Armstrong Classic Lite H1892M with “Suprafine Silhouette” detail.</p> <p>Location: ME-lobby, Banking area and service areas.</p> <p>Size: 600 mm x 600 mm (tile size).</p> <p>Material specifications: Size: 600 mm x 600 mm and 15 mm thk. Sound absorption (NRC): 0.55 Light reflectance of > 84% (WT) Thermal conductivity k = 0.052 - 0.057 W/M0k Humidity resistance = 99% having fire performance Class O / Class 1 (BS 476). Surface: 3 coats of white paint. Back Side: Sanded & one coat of paint.</p>	924.00	Sft		
3	PARTITION				
3.1	Full Height Glazed Partitions				
	Location: Front façade and BM cabin. (For all types of Branches/ ATM lobbies etc)				
	<p>Providing and fixing in position in Aluminium section 50mm x 50mm 1.5mm thick of JINDAL/ INDAL make as internal frame structure placed horizontally & vertically in 550 mm x 550 mm or 600mm x600mm center to center or as directed by the Architect. The vertical members shall be provided at the junction or every 2100 or 2400 mm or as directed by the Architect or as per the site requirements. The rate shall be inclusive of providing and fixing of 12mm thk toughened glass partition in position as indicated in the drawings. The glass shall be fixed securely with Aluminium glass profile of Enox glazing profile EAPS- 1032 or equivalent at bottom of the floor and inside the ceiling as per manufacturer’s specifications to the Architect’s satisfaction. Any damage to the newly laid flooring shall be reinstated and complete in all respects. (For Measurement only Installed area will be considered)</p>	240.00	Sft		
3.2	Partly Glazed Full Height Glazed Partition				
	<p>Providing and fixing in position partly glazed full height partition (2'5" thick) in framework with aluminium section vertical members @ 2' c/c and 3 horizontal members at equal distance comprising of 50x50 mm aluminium section with 12mm plywood on boths ides finished with 1mm thick laminates of approved make and shade as shown in drawing. Item to include 12mm thick glass (clear / frosted) to be fixed as shown in drawing. The exposed edges of the glass to be finished in mirror polish. SW runner should be melamine polished in matching colour of laminate etc., complete in all respects.</p>	105.00	Sft		
3.3	Solid Partition				

	<p>Providing and fixing in position full height solid partition 75 mm thk. as indicated in the drawing excluding the door made out of aluminium hollow sections of 50mm x 50mm size 1.5mm thick of JINDAL / INDAL make as internal framed structure placed horizontally & vertically in 550 mm x 550 mm / 600mm x 600mm center to center or as directed by the Architect. The alternate corner vertical members of the partition shall be taken upto the ceiling level (payment shall be made for the partition measured below the false ceiling level) and the same shall be anchored to the ceiling securely with help of suitable cleats. Framework shall be fixed with 12mm thick commercial / marine grade ply of approved make on both sides finished as per following specifications. The Partition shall be finished with 1.0 mm thick laminate Sunmica make Frosty white G499 / 1499 of approved shade and make or equivalent on both the sides. Rate shall be inclusive of provision of pencil groove as directed by the Architect. Height of the partitions upto soffit of false ceiling / laminate finish top shall be considered for payment. Alternate, corner vertical members of the partition shall be fixed with necessary brackets / supports at RCC levels. The framework above the false ceiling shall not be considered for payment. The item does not include the doors</p>	433.00	Sft		
4	ACP CLADING FOR ROLLING SHUTTER				
	<p>Providing and fixing of 4.00 mm thick. external grade Aluminium composite panelling of Alubond /Alcobond or equivalent make with aluminium section framing 37.5mm x 50mm Aluminium sections framework at spacing not exceeding 600mm both ways (horizontal and vertical). Panelling framework to be secured to wall surface/column surface and with necessary provision for trap doors as required etc. complete in all respects as directed by the Architect. Cost shall include expenses towards required hardware, silicon sealant (Dow Corning 789) masking tape scaffolding if required and the same shall not be marked extra.</p>	139.00	Sft		
5	DOOR'S				
5.1	GLASS DOOR WITH PATCH FITTING				
	<p>Installation of fully glazed frameless glazed door (Single or double leaf of size as mentioned in drawing and as directed by the Architect) made out of 12 mm thk. Toughened glass and the door shall be fixed with Dorma ,Hafele , Enox or approved make floor springs with SS finish patch fittings on top, bottom. Lock holes in glass for Access control locks, complete in all respect with all hardware, fittings, fixtures etc. complete in all respects. All necessary hardware, fittings, fixtures to be approved from the Architect or Bank's Officials before actual application of the same. Any change in the specifications must be first approved from the Architect and the Bank.</p>	70.00	Sft		
5.2	Flush Doors				

	Providing and fixing of Flush Doors with or without vision panel of size upto 750/900/1050 mm x 2100 mm as per drawing complete of thickness 45 mm to 50 mm raw size confirming to IS standards together with the frame made out of sal wood section 100 x 75 and finished with melamine , PU , paint finish as directed by the Architect. Shutter shall be finished with 1.0 mm thick. Laminate of equivalent make Frosty white G499 / 1499 along both sides of approved shade and design. Door shall be lipped with 12 mm thick. t w beading along the edges. There shall be a provision of vision panel of 8 – 10 mm thick. Clear glass of size 150 mm x150 mm with 12 mm tw beading around. Rate shall be inclusive of hardware, fittings, fixtures etc. in heavy duty SS such as lock of 6 lever of Godrej or Doorset make with SS mortise handle of approved make and model. Rate shall be inclusive of open door closers, SS heavy duty hinges, tower bolts, SS foot operated door stopper, SS buffer along the back side and any other related hardware , fittings, fixtures etc. required. The item shall include polishing of edges and frames in melamine , PU , paint as approved by the Architect.	103.00	Sft		
5.3	SERVER & ELECTRICAL ROOM DOOR				
	The rest of the specifications remain the same as flush door except that the laminate in this case shall be of equivalent make Frosty whites – G499 / 1599 along both the sides.	22.00	Sft		
6	ROLLER BLINDS				
	Providing and supplying roller blinds shall be made up of 38mm dia. Alumium tube with SS chain for operating with stopper and 38mm clutch mechanism with bottom weight bar either round or flat in shape with white colour powder bracket seal and fabric shall be of 0 to 5% opening and shall be of glass fiber or PVC composition having UV blockage upto 90% complete installation. (Make : Vista Levolor)	132.00	Sft		
7	WALL PANELING (Laminate finish)				

	Providing and fixing of wall panelling directly on the wall surface with or without any framework with 12mm thick commercial grade ply and then finished with 1.0 mm thick laminate of equivalent make frosty white. If the framework is required it shall be of aluminium hollow sections of 50mm x 50mm size 1.5mm thick of JINDAL / INDAL make as internal frame structure placed horizontally & vertically in 550 mm x 550 mm or 600mm x 600mm center to center or as directed by the Architect . All woodwork & laminate shall be finished with two or more coats of Melamine or PU polish over one coat of sealer; all complete as per the instructions of Architect. The rate shall be inclusive of provision of groove with 1.0 mm thick laminate along all 3 sides of the groove in the panelling of size 12mm x 12mm x 18mm ht. and as directed by the Architect. This item also includes scaffolding for maximum height upto 4.0 m from floor level. Note : 3" x 1/2" sal wood Beading should be given as per the drawing and details	1250.00	Sft		
STORAGES					
8	LOW HEIGHT STORAGE				
	Providing and fixing storage cabinet 400 mm to 450 mm depth and 7500 mm high made out of 19mm thick Commercial plywood of approved make including the fixing of shelves at 400 mm to 450 mm c/c and the shutters shall be in 19 mm thick commercial block board and back covered with 8 mm commercial plywood. The Top edge shall be 1.5" to 2" thick and finished with 1.0 mm thick laminate of the approved make and shade with the provision of necessary grooves between the top edge and shutters below. The shutters shall be fixed with S type "L" hinges of approved make so as to get an equal 8 mm groove between all the shutters at the opening and hinged end of every shutter as per the detailed drawing. Shutter shall be fixed with SS chain from inside so as to open the shutter less than 90 degree and to avoid the breaking of laminate at the hinged end. Shutter shall be finished externally with approved quality 1.0 mm thick laminate of approved shade of frosty white as approved and make and internally would be finished with 0.8 mm thick balancing white laminate. Rate shall be inclusive of provision of SS "D" type handles 4" or 6" as approved, Godrej or Vijayan locks with 3 keys and all the necessary hardware, fixtures, fittings etc complete in all respects as directed by the Architect.	123.00	Sft		
9	FULL HEIGHT STORAGE				
	Providing and fixing full height storage cabinet made out of 19mm thick Commercial plywood of approved make including the fixing of shelves at 400 mm to 450 c/c and the shutters shall be in 19 mm thick commercial block board and back covered with 6 mm commercial plywood. The shutters shall be divided vertically into 2 parts and shall be fixed with "S" type L-hinges of approved make so as to get an equal 8 mm groove between all the shutters at the opening and hinged end of every shutter as per the detailed drawing. The shutter shall be fixed with SS chain from inside so as to open the shutter less than 90 degree and to avoid the breaking of laminate at the hinged end. The shutters shall be finished externally with approved quality 1.0 mm thick laminate of equivalent make frosty white and internally finished with 0.8 mm thick balancing white or off-white laminate. Rate shall be inclusive of provision of SS "D" type handles 4" or 6" as approved, Godrej or Vijayan locks with 3 keys, tower bolts off SS make etc. and all the necessary hardware, fixtures, fittings etc complete in all respects as directed by the Architect.	230.00	Sft		
10	ELECTRICAL DB STORAGE FINISHED WITH LAMINATE				

	<p>Electrical DB storage with shutters to be provided in 19 mm thick commercial ply & shelves out of 18mm thick commercial ply at appropriate locations away from the wall surface with enough gap between the wall and ply for passing of main cables or wires etc. with necessary support buttons, all exposed / external surface to be finished in 1.0 mm thick laminate of equivalent make frosty white and internally finished with 0.8 mm thick. balancing white or off-white laminate. Rate shall be inclusive of providing and fixing aluminium louvers of full length either customised or ready made or as directed by the Architect finished in approved shade powder coating for ventilation & necessary hardware, fittings and fixtures etc. all complete as per drawings and instructions of the Architect. No exposed edges to be visible. Rate shall be inclusive of fixing of GI sheet cladding along the back side as directed by the Architect. Rate shall be inclusive of provision of SS "D" type handles 150 mm long and the shutters shall be provided with SS chains so as to prevent the chipping of laminate near the hinges.</p>	22.00	Sft		
16	Low Height Partition				
	<p>Providing and fixing in position partly glazed low height partition (2'5" thick) in framework with aluminium section vertical members @ 2' c/c and 3 horizontal members at equal distance comprising of 50x50 mm aluminium section with 6mm plywood on boths ides finished with 1mm thick laminates of approved make and shade as shown in drawing. Item to include 12mm thick glass (clear / frosted) to be fixed as shown in drawing. The exposed edges of the glass to be finished in mirror polish. SW runner should be melamine polished in matching colour of laminate etc., complete in all respects.</p>	21.00	Sft		

D.MISCELLANEOUS WORKS					
17	NOTICE BOARD				
	15 mm thick Pin-up board (soft board) with 12 mm thick. Ply backing covered with approved coloured "Vermillion / Beige colour " fabric supported on SS supports.	54.00	Sft		
18	WRITING LEDGE AND CHEQUE DROP BOX (12mm GLASS Top):				
	Made out of 19mm ply as per design and exposed extranal surfaces to be laminated and internal surface to be painted with top provided 12mm thk etched Glass with machine polished edges. The entaire work has to be done to the satisfaction of the Architect. The design given has to be strictly followed.				
18.1	Cheque Drop Box	2.00	Nos		
18.2	Writing Ledge	1.00	Nos		
18.3	Suggestion Box	1.00	Nos		
19	PANTRY COUNTER				
	Manufacturing and supplying PANTRY COUNTER made out of 19mm thick block board of size 10'0" x 2'0" and 2'6"height bottom frame consiting of 19mm thick block board made to shape as per drawing and detail Including storage space and exposed surfaces finished with 1mm thick laminate of approved colour and exposed edges cladded with beach wood beading of size 3"x1.5" made to required design and shape. ETC COMPLETE	13.00	Rft		

20	FIRE PROOF STEEL DOOR FOR UPS				
	<p>Steel make Fire shutter with Fire Rating of 30 minutes rating as per manufacturers specifications and similar to the prototype tested by approved institution. Size 2'6" X 7'0" (including frame)</p> <p>Door frame are made with 1.6mm thick Galvanized steel sheet pressed to single rebate profile of size 125 x 60 mm.</p> <p>Door shutter are made with 1.25mm thick Galvanized steel sheet pressed formed to provide a 46mm thick fully flush double skin panel shall with lock seam joints at style edges and filled with ceramic wool (96 kg/cum density) Honey comb structure with reinforcement at top, bottom and stile surrounds. The items also include provision for required iron mongery and finished with zinc phosphate storing primer & polyurethane paint with wooden lamination finish HINGES: 304 GRADE Stainless steel ball hinges of size 101mm*75mm*3mm Indian make minimum 4 nos. on each Door LOCK: of approved make with double through locking bolt operated with one side key and other side thumb turn complete in all respect. Stainless steel cylinder Door closer- Reputed brand with ISI marked Vision panel fitted with glass- 200 x 300 mm Handel – steel (250 mm) both sides</p>	21.00	Sft		
21	Wall Painting				
	Providing 2 coats of plastic emulsion paint for wall etc of approved colour & shade over one coat of primer including necessary scaffolding etc complete.	1800.00	Sft		
22	Enamel Painting				
	Providing 2 coats of enamel paint for windows, door, rolling shutter and collapsible gate etc of approved colour & shade over one coat of primer including necessary scaffolding etc complete.	500.00	Sft		

23	Carpet Tile				
	Providing and laying of Carpet Tile over the specified area with following specification. The floor which receives the carpet to be thoroughly cleaned as per manufacturer's specification. The carpet is to be laid over a bed of manufacturer's approved adhesive spread evenly over the entire floor. The rate shall include cutting, trimming, fixing and clearing away of residual material to a location as directed. The rate shall also include supplying and laying of a protective layer of PVC or HDPE sheet of 50 microns thickness, held together with scotch tape. The laid carpet to be vacuumed after the removal of protective cover/on commissioning. If after the protective layer is removed and stains observed in the carpet because of inadequate protection, the same shall be shampooed and made good to the satisfaction of the project managers. The measurements of carpet will be the actual laid area.	1200.00	Sft		
24	WALL PAPER				
	Providing & Laying of wall papers in Banking Hall, manager cabin approved shade and colour laid over the existing wall, before cleaning the existing surface of wall after scrapping and rubbing with sand paper and preparing the surface with providing and applying one coat of primer and putty, using wall paper adhesive to match the shade of wall paper including cost of material and conveyance all material. The cost of seigniorage charges on materials labour charges on operations complete etc. for finish item of wall. The standard wall paper width of 27 inches and 13.5 feet long. Basic Rate: 150.00 per Sft	200.00	Sft		
25	UPS PARTITION				
	2" (50MM) AEROCON PANELS: 50 MM thick pre fabricated panel made out of light weight concrete core composed of portland cement, binders, siliceous and micaceous material aggregate with tongue & groove arrangement with two 4mm thick fiber reinforced cement facing sheets on either side of core. rate includes supply, transportation & installation.	70.00	Sft		
TOTAL					
RENOVATION BRANCH OFFICE & ATM FOR BANK OF BARODA AT GANDHIBAZAR, BANGALORE.					
BILL OF QUANTITIES ELECTRICAL WORK					
Sl. No.	Description	unit	Qty	Rate	Amount
1	LIGHTING - Make: Anchor Roma, Crab Tree, Legrand				

	Supplying and wiring light point using 2run of 1.5 sq mm wire in a pvc conduct pipe/ casing caping with one light controled by 6A modular type switch of Anchor Roma/Crab tree/ clipsal make				
a	a) One light controled by single switch	Nos	45.00		
b	b) Two lights controled single switch	Nos	12.00		
c	C) Exast fan point controled single switch.	Nos	4.00		
d	d) Ceiling fan point controled single switch with regulator	Nos	3.00		
e)	e) Wall Mounted fan point controled single switch	Nos	15.00		
2	Supplying and fixing 5/6A socket depedent switch point	Point	15.00		
3	Supplying and fixing 5/6A socket indepedent switch point	Point	15.00		
4	Supplying and fixing 5/6A socket 3 nos and 6/10A SP switch for UPS point for Modular type	Point	25.00		
5	Supplying and fixing 15/16A socket combined socket point	Point	10.00		
6	Supplying and fixing 20 A Socket and 32 A DP Switch for Split AC	Point	3.00		
7	Supplying and fixing 40A 4 Pole MCB For Casset AC	Point	3.00		
8	Supplying Fixing 100A 4 Pole change over switch INCLUDING CABLE	Point	1.00		
9	Supplying and fixing 40 A 4 POLE Isolator for Master Control Switch For Branch	Point	2.00		

	CIRCUIT WIRING - Make: Finolex, Havels, Polycab				
10	Supplying and wiring using 2R 2.5 sqmm + 1R 1.0 sq mm in a pvc pipe/ casing caping.				
a)	UPS	Mtrs	320.00		
c)	Lighting	Mtrs	195.00		
e)	Raw Power	Mtrs	280.00		
11	Supplying and wiring using 2R 2.5 sqmm + 1R 1.5 sq mm in a pvc pipe/ casing caping.				
a)	UPS Lighting	Mtrs	130.00		
12	Suplying and wiring using 4R 4.0 sqmm + 1R 1.5 sqmm in pvc pipe/ casing caping				
a)	Lighting Main	Mtrs	60.00		
13	Suplying and wiring using 4R 4.0 sqmm + 1R 1.5 sqmm in pvc pipe/ casing caping for				
a)	Single Phase AC	Mtrs	70.00		
14	Suplying and wiring using 4R 4.0 sqmm + 1R 1.5 sqmm in pvc pipe/ casing caping for				
a)	Three Phase AC	Mtrs	85.00		
15	Supplying and wiring using 4R 6.0 sqmm wire for main DBs	Mtrs	35.00		
16	Supplying and wiring using 4R 10.0 sqmm wire for main DBs	Mtrs	30.00		
	DISTRIBUTION BOARD				
16	Supplying and fixing UPS DB consisting 63 A/ 40A MCB 1 no and 12 no 10/6A SPMCB - For Branch	No	1.00		
17	Supply and fixing 63 A DPMCB ups Input & out put - For Branch	Nos	4.00		
18	Supply and fixing 4 way TPNCB with 63 A MCB 1 Nos 10/16 A SPMCB 12 Nos - Lighting For Branch & ATM	Nos	2.00		
19	Supply and fixing 4 way TPNCB with 63 A MCB 1 Nos 16/25 A SPMCB 12 Nos - Raw power & AC DB For Branch & ATM	No	1.00		
	FIXTURES				
20	Supplying and fixing 2' x 2' LED Fitting with a warm white light manufactured as per IS Standard including waranty period of not less than 2 years and burning hrs of Min 50,000 hrs. Make: Wipro, Philips oR equalient fitting to be got approved before procurement.	No	32.00		

21	Supplying & fixing 12w LED Down Lights Make: Wipro, Philips oR equalient fitting to be got approved before procurement.	No	24.00		
22	Supplying and fixing 1x28 W fitting box type LED tube light Make: Wipro, Philips oR equalient fitting to be got approved before procurement.	No	11.00		
23	Supplying and fixing 1400mm swiipe ceiling fan including necessary hock, wiring etc. Make: Crompton/Bajaj/ Usha approved make only with regulatore.	No	3.00		
24	supplying and fixing wall mounted fan Make: Crompton/Bajaj/ Usha approved make only	No	15.00		
25	Supplying and mixing 12" exast fan Make: Crompton/Bajaj/ Usha approved make only	No	3.00		
	TELEPHONE WIRING				
26	Supplying and wiring using 2 pair telephone point wiring in a PVC pipe/ casing and caping	Mtrs	310.00		
27	10 pair	Mtrs	10.00		
28	Supplying and fixing RJ-11 telephone socket in a PVC box with modular type of plate	No	10.00		
29	10 Pair Crone Box	No	1.00		
	EARTHING				
30	Supply and fixing of GI pipe earth electrode for meter board / equiment using 40 MM dia 2.9 mm thick 2.5 Mtr long GI pipe buried in pit. The pit shall be filled with equal proportion of salt and charcoal 150 mm all round the pipe to complete depth. The connection from the pipe to the conduit etc., to be established through GI wire of size as per IS 3043 using 12 mm dia bolts nuts washers and check nuts	No	1.00		
31	Supply and runniing of 10sq.mm copper wire for grounding using with necessary suitable size clamps bolt, and washers including inter connectors.	Mtrs	150.00		
32	Supplying and errecting 2x2 copper plate earthing in 8' GI pipe with alternate layer of salt and charcoal as IS 3043 with 4sqmm copper wire from earth pit to UPS DB	No	1.00		
	MUSIC SYSTEM				
33	Supplying and wiring speaker wire twin core in a PVC pipe	Rmt	180.00		
34	Supplying and fixing 6w ahuja/philips make	Nos	8.00		
35	ahuja MAKE amply Flyer with pendrive facility	Nos	1.00		
	DATA CABELLING				
36	Supply and laying CAT 6 d -link cabel computer net work cable in PVC conduit pipe /trench/cable duct etc	Mtrs	480.00		
37	Supply & fixing RJ 45 Conector (Telephone and Data)	Nos	25.00		

38	Supply and fixing information out let CAT 6 Cabel	Nos	25.00		
39	Supply and fixing 9U rack , 24 port patch panel and power strip connector etc.	Set	1.00		
40	Supplying and fixing 24 port D-Link Network Switch	Nos	1.00		
41	supply and fixing 1mtr patch card	Nos	25.00		
42	supply and fixing 2 mtr patch card	Nos	25.00		
TOTAL ELECTRICAL COST EXCLUDING GST					

AIR CONDITIONING					
Sl. No.	Description of the work	Unit	Qty.	Rate	Amount
	PART-A				
1	Supply of 3 TR capacity Ceiling Mounted Casette Inverter type airconditioner comprising of indoor and outdoor unit. The indoor unit comprise multi row DX cooling coil, drier, expansion device, blower with drive motor. The outdoor unit shall comprise of reciprocating compressor, condenser coil and fan. Along with a cordless remote controller etc. Make :Blue star/L.G./Carrieer DAIKIN	Nos	2		
2	Supply of 2 TR capacity Ceiling Mounted Casette Inverter type airconditioner comprising of indoor and outdoor unit. The indoor unit comprise multi row DX cooling coil, drier, expansion device, blower with drive motor. The outdoor unit shall comprise of reciprocating compressor, condenser coil and fan. Along with a cordless remote controller etc. Make :Blue star/L.G./Carrieer DAIKIN	Nos	1		
2	Supply of 3 star rated 1 TR capacity INVERTER Hiwall Mounted split airconditioner comprising of indoor and outdoor unite. The indoor unit comprise multi row DX cooling coil, drier, expansion device, blower with drive motor. The outdoor unit shall comprise of rotary compressor, condenser coil and fan. Along with a cordless remote controller etc. Make Blue star/L.G./Carrieer DAIKIN	Nos	3		
Total - PART -A					
	PART-B				
3	Supply, installation and testing of suitable wall mounted voltage stabilizer				
a)	3 KVA Stabilizer For 1.0 ton Split AC	Nos	3.00		
b)	4KVA For 2.0 ton Casset AC	Nos	1.00		
C)	5KVA For 3.0 ton Casset AC	Nos	2.00		
4	Installation, testing and commissioning charges of Casette units with cutting of false ceiling	Nos	3.00		
5	Installation, testing and commissioning charges of hiwall split units	Nos	3.00		
6	Supply and laying of copper refrigerant pipes with foam insulation between indoor and outdoor unit for hiwall split & Casset airconditioners	Rmt	160.00		
7	Supply and laying of copper conductor flexible cable PVC insulated between indoor and outdoor unit for hiwall split & Casset airconditioners.	Rmt	160.00		
8	Supply and laying of CPVC pipes to be used as a drain water pipe.	Rmt	165.00		
9	Supply and installation of MS Stand for installation of outdoor units of hiwall split & Casset Acs externally as per site requirements	Nos	6.00		
Total - PART -B					

GRAND TOTAL EXCLUDING GST PART (A + B)					