

SBI UNIFORM LAYOUT & COLOUR SCHEME POLICY
SCHEDULE OF UNIT RATE TENDER 2019-20, SBI AO 1 NEHRU PLACE, JAIP
(A) INTRIOR FURNISHING WORKS

S.No	Title	Description	Unit	Quantity	Rate
		False ceiling			
1	Gypsum False Ceiling	A) P&F false ceiling with Gypsum Board 12.5mm thick fixed to a metal frame comprised of ceiling channel of size 80mm X 26mm X 0.5mm @ every 450 cms centres, inter channel 45mm X 15mm X 0.9mm @ every 1220mm centres, perimeter channel 20mm X 26mm all along the wall, strap hanger suspendeds 25mm X 0 5mm with nuts and bolts 6.4mm x 12.7mm, connecting clip 2.64mm thick, dry walls screw 25mm long , soffit cleat. 27mm X 37mm X 25mm X 1.6mm thich and dash fasterner/ rawl plug 12.5mm dia X 35mm long with 6mm dia bolt. The joint of gypsum board to be taped 3 times and sealed with jointed compound with three coat plastic emulsion paint finished. Cut-out are provided to accommodate luminaries, air conditioning grills and fire warming dectors if any. The rate to include two or more coats of approved paint after preparing the surface. All fitting to be separately hung from the ceiling and should not rest on the false ceiling.	Sqm.	69	
2	Grid False Ceiling	The grid false ceiling shall be provided in the Banking Hall, Manager's etc. The ceiling height and level shall be determined at the perimeter. The minimum height of the ceiling cavity should be 100mm. All service fittings integrated within the suspended ceiling must be independently supported from the ceiling grid by a structure designed for the purpose.	Sqm.	30	
		PARTITION			

1	Full Height Partition (Wooden with Laminate)	providing fabricating & fixing of partition made out with with unanodised G.I Framework consisting of 2'x1' 18 gauge section placed at min 2'x2' horizontally & vertically (as per site requirement) with 12mm water proof MDF Board /12mm thick commercial grade ply ply finished with 1mm thick high gloss laminates (of approved shade) on bothing sides (as approved) . The sides /top shall be finished with teak wood beading (3' x 1') with high gloss PU finish . This partition will be 3' ht. with up to 15" ht.12mm thick toughened clear glass / of aqua blue shade (approved make). The partition shall also be proveded with 12mm toughened glss partition between counter from 4'3" ht. with top width into 12.5" wide at top & sloping downwards with 6" x 3" x15" pillar . The back side of counter will be provided similar partition upto 4'3" ht. with flap door of 2' width with hinges, handle ,ultra lock complete .	Sqm.	5	
2	Low Height Partition (Wooden with Laminate)	providing fabricating & fixing of partition made out with unanodised G.I Framework consisting of 2"x1", 18 gauge section placed at min 2'x2' horizontally & vertically (as per site requirement) with 12mm thick water proof MDF Board /12mm thick commercial grade ply finished with 1mm thick high gloss laminates (of approved shade) on both sides. The sides / top shall be finished with teak wood beading (3" x 1") with high gloss PU finish. This partition will be upto 3' ht. with 18" ht.12mm thick toughened clear glass / aqua blue shade (approved make). The partition shall also be provided with 12mm toughened glass partition between counter upto 4'-6" ht. with 6" x 3" x15" pillar. (Partition in sqft. including glass ht. & width will be measured for payment)	Sqm RATE ON	0	
		Note:.. All partition frame work shall be fixed to beam / slab soffit. Measurement shall be paid upto finished partition level only.			
		GLASS WORK			
		Wall Finishing / Panelling			

1	column /wall panelling (Laminate)	Providing & fabricating of coloumn / wall panelling made out with un-anodised G.I Framework consisting of 2" x 1" ,18 guage section placed at min. 2'x2' horizontally & vertically (as per site requirement) with 12 mm water proof MDF Board ? 12 mm thick commercial grade ply. G.I Framework with MDF Board skinning 1mm th. mica of approved shade over the coloumns / wall & necessary vinyl prints as per approved drawings.tha panellig may be altrenately finished with louvers ,charcol sheet as wall . The rates are including the design provided in the approved drawing..	Sqm.	195.00	
2	MDF Jali column	MDF jali work in central coloumn with 8mm thk blue lacqureed glass behind & cove with LED lights finished with high glass paint central coloumns as per design & pattern approved by Architect / Bank's Engineer.	Sqm. RATE ON	1	
3	POP punning	Supply and application of POP punning to a thickness of 10-12 mm. Application after cleaning the wall surface to get a seamless finish. Application to be done as per manufacturers' specifications etc. all complete.	Sqm.	25	
4	Plastic Emulsion	Supply and application of washable interior grade Dulux 3-in-1 pastic emulsion paint on walls with 1 coat of wallprimer and 2 or more coats of plastic emulsion paint as per manufacturer's specifications etc. all complete. All painting final coats to be done after removal of face plates of switch boards in coordination with the electrical contractor and face plates to be fixed only after satisfactory completion of painting.	Sqm.	30	
5	Royale Paint	Providing and applying minimum 3 coats of paint with Asian paints Royale Atmos paint with brush followed by roller on wall, ceiling to give an even look by brushing the surface free from mortar droppings & other foreign matter & sand papered smooth including applying two coats of Birla or Asian acrylic lapi (putty) and two coats of primer as per manufacture instructions complete for the shades and pattern approved by Architect/ engineer in-charge.	Sqm. RATE ON	0	
6	Texture paint	P/f Asian or approved make royal play texture paint of approved design and shade.	Sqm.	10	
STORAGE CABINET					

1	Side cabinate (Laminate top)	Providing and fixing wooden storage 450 mm wide having sides, partitions shelves and shutter made of 19 mm th. Board with 1 mm th. High gloss laminate with all other exposed internal / external surface provided with Duco paint with melamine coating complete with side hinged sutter complete with handles , locks etc. (for the purpose of contractor's payment only front elevation area of a cabinate will be measured .	Sqm	11	
		TABLE/ COUNTERS & RACKS			
1	Officer table	Supply & fixing in position sales / officer's table (size 2'-6" x upto 5'-0"/5'-6"/6'-0") made out of 19 mm thick board with 1 mm white laminate top at 2'6" ht. curved in front & sloping downwards upto 1;3" & laminated glass below with LED light in groove with drawer , CPU & keyboard tray as per single window counter & shutters complete as for single window cabinets completed in all respects . The table top & side table will have glass of 10 mm th. with 1" beveling is also included in the item .	No.	2	
		The above item to include cost of providing a fixing of side storage of size 3'0"(L) x 2'6" (H) x 1'6"(D) to be completey made up of 8mm thick block board spicification same as of storage.			
		FINISHING WORKS			
1	12 MM TH. TOUGHENED GLASS PARTITION	FULLY GLAZED 12 MM TH. TOUGHENED GLASS PARTITIONAs above item no 1 Aa (both side gyp.board finished partition but partition shall have 12 mm th. Toughened plane glass fixed with 1 1/2" x 1" teak wood moulding finished with white high gloss laminate 4mm teak wood veneer finished with stainless steel "D" Brackets etc . Complete as per detailed drawing & innstuction of Architect /Engineer .	Sqm	10	

2	12 MM TH. TOUGHENED GLASS Door	12 MM TH. TOUGHENED GLASS Cabin door providing & fixing main doors/cabin made out of/cabin door made out of HNG/Asahi India MAKE 12 MM TH.toughened plain glass in single piece with computrised diamond cut & diamond edge polish including making required cutout holes for lock , handles , pivot patch fitting , corner fitting hinges etc. the rate is inclusive of patch fitting of dorma make floor spring ,pivot patch fitting with cover plate locks handles , singsges with necessary hardware rtc. as per intructions of Architect/Engineer.	SQM	5	
3	Wall paper	Providing & fixing wall paper on wall / partiton as per approval of Architect & Engineer. Wall paper baisc rate : Rs 1000/- per sqm	sqm. RATE ON	0	
4	3M Frosted Film	Providing & fixing in position '3M' make frosted glass film in stardust range fixed to glass as per pattern. Area of application to be measured as maximum length x maximum height of application on that particular piece of glass.	Sqm	12	
5	Vitrified tile flooring	P&F 1st quality vitrified mirror polished tile 10mm thick double charged on floor, skirting and steps etc. in size 600x600 with water absorption less than 0.08% and conforming to ISI5622 of approved make in all colour shade, laid with 20mm thick CM 1:4 including grouting the joints with white cement and matching pigment etc. complete. Basic cost of tile Rs. 60/ Sqft) (contractor to include in cost if necessary for fixing by adhesive)	Sqm	100	
6	SBI LOGO	SBI LOGO (SIZE -100 CM DIA)providing & fixing 12 mm th. Translucent arcyloc of required size with proper LED lightining behind. The cutting should be done on CNC MACHINE with proper edge polishing made of measurment -per number.	No.	1	
7	FLUSH DOOR	Providing and fixing flush door with 35mm water proof door with 1mm high glass laminate (of approved shade) on both sides The item includes 75C50mm TW choukhat , 7 lever mortise lock, SS handle, stopper hinges, paint/polish etc complete	Sqm.	8.00	

8	FIRE DOOR	Doors must be tested and certified by a BIS-approved laboratory (like CBRI) and bear the ISI mark. Typically 30, 60, 90, or 120 minutes (FD30, FD60, etc.), depending on the building's occupancy and location (e.g., high-rise stairwells require 90-120 min). Door leaf from minimum 1.2 mm thick Galvanized Iron (GI) sheet (IS 277, Z120 coating). Frame from 1.6 mm thick GI steel. Core material must be fire-resistant, such as inorganic mineral wool, rock wool, or honeycomb kraft paper, resin-bonded. Mandatory intumescent strips and smoke seals fitted in the frame that expand under heat to prevent smoke leakage. Hinges (minimum three, stainless steel ball bearing), locks, and door closers must be fire-rated, tested with the door assembly, and meet fire safety standards. Automatic self-closing devices are essential. If included, must use fire-rated glass (e.g., 6 mm thick borosilicate clear glass) tested for thermal resistance. Maximum allowed size is 0.12 sqm for uninsulated and 0.06 sqm for insulated doors. Must be installed by trained professionals according to manufacturer instructions and tested/certified as a complete "doorset" assembly.	NO.	2.00	
9	DOOR CLOSURE	providing & fixing door closure of Godrej/ Dorma/ Ozone of two speed (heavy duty , light weight thin. Type code : 3976) as approved by etc.	No.	7	

10	UPVC windows	<p>Providing and fixing of uPVC casement fixed windows or ventilators manufactured in ISO 9001:2000 & 14001:2004 certified company. Frame : Made from the Extruded uPVC Window Profile Section of size 60 x 60mm having outer wall thickness of 2.25mm (+/- 0.2mm) and 3 box multi-chamber construction, White in finish, duly reinforced with 1.2mm thick G/J/U/O TYPE GI section. All the four corners shall be mitered cut & thermal welded so as to form window frame. Frame shall be milled with drain and air equalizer hole in order to be water tight and for drainage of accumulated water, if any, to outer side. Fix Mullion made of 76 x 60mm uPVC Profile Section with steel reinforcement shall be provided in windows as per the requirement. Frame shall have „O“ type EPDM gasket fitted in in-built groove of frame profile for proper air & sound insulation of the shutter. Glazing bead of size 34 x 20mm with „K“ & „O“ type inner and outer EPDM weather seal gaskets along with 5mm thick ISI make plain float glass. All welding joints of frame and shutter shall be cleaned and milled with the CNC mechanism to provide uniform grooved finish on all visible joints. Hardware : Installation at Site : Complete window is to be installed on site with 10 x 100mm fasteners with white cap in existing</p>	Sqm.	12	
11	Notice Board	Notice Board -600 X 1200 MM	No.	rate only	
12	Notice Board	Notice board - 600 x 457 mm	No.	rate only	
13	brickwork	DEMOLITION OF WALL, TILES ETC.	Job	1	
14	brickwork	<p>Providing and making 230/ 115 thk. Brick wall with bricks(class designate 75) in cement mortar 1:5 (1 part cement : 5 part coarse sand) , the rate to include providing and fixing stone slab lintels/ space for doors etc. and cost of scaffolding etc. complete, as required on site / directed. the cost to include curing of the walls for at least 7 days (cement :- Ambuja/ JK super approved grade.)</p>	cum	15	
15	plastering	<p>Providing and applying Plaster 15 to 20 mm thick average.in ratio 1:5 (1 cement: 5 parts fine sand). The item includes scaffolding curing etc. complete. the cost to include curing of the walls for at least 7 days (cement :- Ambuja/ JK super approved grade.)</p>	sqm	35	

16	R.C.C. WORK	Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor five level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers(if required) excluding the cost of centering, shuttering and reinforcement for Beams, suspended floors, roofs, griders having slopes up to 15°, landings, balconies, shelves, chajjas, lintels, bands, plain windows sills, staircases and spiral staircases etc. M20 grade Nominal Mix / Design Mix	cum	5	
		Total Excluding GST (A)			

	PART B	<u>ELECTRICAL WORK:-</u>			
		General Notes:-			
a)		Rates to include all scaffolding, carriage of materials to and from the site in lead of beyond 5 kms, and working in a running branch premises.			
b)		Wire Routing provided through the walls / floor / roof etc., rates to include cutting of wall and refinishing the same finely complete.			
c)		Points include complete length of wiring, conduiting and accessories upto designated places as per the design and drawings.			
d)		Electrical contractor shall have to make the layout for cutting of lights etc. at site.			
e)		All newly done electrical wiring/ DB/points/ earthing etc. will be used as per instructions of architect/ engineer.			
1.		<u>LIGHT & FAN POINTS:-</u>			

		<p>P & F light points, fan points, call bell points, sockets etc. with 2 X 1.5 sq. mm. PVC insulated 1100 V grade FRLS, copper conductor wires and 1.0 sq. mm copper earth wire in concealed / surface using ISI mark medium guage MS pipes of 25 mm dia 1.50mm thick conduits accessories such as bends, tees saddles, draw boxes, mounting boxes, innerplates, cover plates, ceiling rose etc. (where ever required) and plug etc. The circuit wiring starting from DB to point control box / switch box using 2 X 2.5 sq. mm and 1.5 sq. mm earthing PVC insulated wiring color code to be provided. Identification ferrules at both end to be provided. (Flexible conduit / elbow NOT allowed). The conduits to be fixed in ceiling with proper clamps / wall / floor and felling the chase with cement mortar and finish the same in original form / wooden partition / above false ceiling with proper clamps (Wherever required as per standard specifications)</p>			
		<p>SWITCH & SOCKET - NORTH WEST (PC Plus)/ MK (Wrap around)/Anchor (Wood)/Havells (Crabtree)/ABB(Classic Luminia)/legrand Steel Conduit:- AKG/BEC/JINDAL/STEEL KRAFT</p>			
		Notes:-			
		All wires shall be FRLS only (Polycab/RR/Finolex/KEI)			
		All material shall be approved make as mentioned in the tender.			
		Color codes must be maintained			
		No flexible conduit & elbows will be allowed.			
		Each circuit shall have independent earth wire.			
		Each point must be seperately earthed.			
		Circuit wiring is to be included in point wiring rates.			

		One S.B. can have max. 10-12 switch including 6 Amp. Socket			
		Boxes fixed in the wooden/ plywood partitions may be PVC			
(a)		One point controlled by one 6 Amp. Modular switch & switch board at SB level	Nos.	16	
(b)		Two points controlled by one 6 Amp. Modular switch & switch board at SB level	Nos.	22	
(c)		Three/ Four points controlled by one 6 Amp. Modular switch & switch board at SB level	Nos.	2	
(c)		Wall fan/ Exhaust fan point controlled by one 6 Amp. Modular switch & switch board at SB level and 6 Amp. 3 pin socket at designed place.	Nos.	11	
(d)		6 Amp. Socket with switch & light indicator at switch board places.	Nos.	8	
(e)		Call bell point with anchor make Ding Dong Bell	Nos.	1	
(f)		One ceiling fan point controlled by one 6 Amp. Modular switch & switch board at SB level with 5 step electronic regulator, extension rods up to 1 meter	Nos.	0	
(g)		Emergency Light point (On UPS) (Including separate phase, neutral, earth) and to be in separate switch boards.	Nos.	8	
2.		<u>POWER POINTS :-</u>			
		Same as item no. 1, including providing & fixing 16 Amp. 6 pin sockets with 16 amps switch with wiring by using 2x4 sq. mm PVC insulated copper conductor wire with independent 2.5 sq. mm earth wire from D. B. to first 1st socket and 1st socket to 2nd socket with 2.5 sq. mm and 1.5 sq. mm earth wire including providing and Fixing complete in all respects.			
(a)		Power point (Direct) with 2x 4.0 sq mm copper conductor wires.	Nos.	12	
(b)		Power point (Loop) with 2x 2.5 sq mm copper conductor wires. (Only one or two loop points are allowed.)	Nos.	12	
3.		<u>A. C. POINTS :-</u> C&S/Havells/Legrand/HPL/ABB			

(a)		A.C. point wiring with 2 X 4.00 sq. mm insulated copper conductor wire (FRLS) & 1 X 2.5 sq. mm copper conductor wire for earthing from AC DB to AC point in 16 swg GI conduit AC point including supplying and fixing of module A.C. Box with 3 Pin metal clad pin top and 25/32 Amp. SP MCB "C" series. (Wiring must be from DB to stablizer to MCB near indoor unit to Indoor Unit.)	Nos.	5.00	
4.		DISTRIBUTION BOARDS :-			
		P & F sheet metal distribution boards of approved make double door type and making necessary connections etc complete with all MCBs of C series 10 KA. (LEGRAND/ SCHNEIDER/ SIEMENS/C&S/HPL)			
		All MCB'S must be 'C' series, 10 KA			
a		T P N 4 WAY DB :- (For Lighting)	Nos.	1	
		Having Incomer : 40 Amp. 4-P MCB			
		OUT GOING : 10 Amp. SP MCB - 12 NOS			
b		T P N 4 WAY DB :- (For Power/ AC)	Nos.	1	
		Having Incomer : 63 Amp. 4-P MCB			
		OUT GOING : 16 Amp. SP MCB - 12 NOS	Nos.	1	
c		T P N 4 WAY DB :- (For A.C.)	Nos.	1	
		INCOMER: 100 Amp. 4 P, Heavy Duty MCB			
		S & F 4 way SP MCB 32 Amp MCB - 12 NOS (Out going)			
d		S P N 12 WAY DB :-	Nos.	0	
		SP MCB 6 Amp = 10 Nos. DP MCB 63 Amp = 1 NOS.			
e		S P N 4 WAY DB :-	Nos.	1	
		with one number 63 A 4 Pole MCB with enclosure			
f		S P N 4 WAY DB :-			

		with two number 63/40 A DP MCB with enclosure	Nos.	0	
g		S P N 10 WAY DB :-			
		SP MCB 6 Amp = 8 Nos. DP MCB 63/40 Amp = 1 NOS.	Nos.	0	
5.		<u>LIGHT & FAN FIXTURES :-</u>			
		P & F light fixture & accessories as per the following details and making connections, assembling, fixing, testing & installation with 3 years warranty. Following Fixtures including all accessories & extension chords as maybe necessary complete. All CFL / Flurescent fixtures (except down lighters) to be hung from the RCC ceiling by sitable chain / rods) all to fixture rates to include 3 years warranty. Including all removing, shifting, repairing, fixing, welding, cutting, instalation, testing, commissioning work of existing or proposed items for the folowing work. Including making good, proper finish of walls, floor and roof with masonary, R.C.C., plaster, pop, puty, primer, paint, etc. complete in all respects. Including color temp. for light fixtures must be 6500k. Dealer authorisation certificate with invoice detail required. Technical specification minimum 100 lumens per watt, Pf>.90, THD<20%			
(a)		Philips RC 380B LED Full glow 24" X 24" (6500K)/BAJAJ/OSRAM/HAVELLS	Nos.	16	
(b)		Philips Green LEDi 15 Watt DN 194 B (6500K) /BAJAJ/OSRAM/HAVELLS/HPL	Nos.	35	
(d)		Philips LED Tube lights 18 W/ 22 W (6500K) /BAJAJ/OSRAM/HAVELLS/HPL	Nos.	0	

(f)		Wall fan 400 mm - Crompton High flow of capacitor start, three speed wall mounting/cabin fan of following sweep with the help of anchor bolts including making connection testing etc. as required. Each wall fan should be connected through independent switch and socket of 6Amp.(Crompton/ Almonard/ Cinny/ Havells) metal body	Nos.	9	
(g)		Exhaust fan 300 mm - Crompton/ Almonard of Heavy duty capacitor start 1400 RPM single phase ISI marked Exhaust fan, IS:2312 marked including making opening if required, making connections testing etc. as required.(Crompton/ Almonard/ Usha/ Havells)	Nos.	2	
(f)		S& F of Rope Light with driver (Philips/ Bajaj/ HPL/ Osram/ Havells)	Rmts.	0	
(h)		P&F of ceiling Fan Metal body 4800 mm Sweep (Crompton/ USHA/ Bajaj)	Nos.	0.00	
6.		<u>CABLES WIRES :-</u>			
		P & L heavy duty armored cable on saddles wherever exposed and with aluminium lugs, cable termination with gland, aluminium lugs properly crimped, etc. complete. Including reusing of the existing cables wherever required as per direction of Bank Engineer/ Architect, vendor is bound to execute the items. All existing and proposed cables to be lay out in existing cable tray. Complete in all respects as per direction of Bank/ Architect.			
		XLPE Cable (Polycab/ Finolex/ RR/KEI)			
c)		3.50 core X 50 sq. mm Al. armoured cable with 2 X 8 SWG G.I. wire in PVC conduit for earthing including cables termination with gland, Al. lugs properly crimped of required size.	Rmts.	15	

f		4.00 core X 16 sq. mm Al. armoured cable with 2 X 8 SWG G.I. wire in PVC conduit for earthing including cables termination with gland, Al. lugs properly crimped of required size. (FOR LIGHT, CASSETTE A.C. & POWER)	Rmts.	10	
g		4.0 core X 10 sq. mm Aluminium Armoured cable for UPS to UPS DB including cables termination with gland, Al. lugs properly crimped of required size. (UPS OUTPUT TO UPS DB) & (UPS INPUT TO UPS DB)	Rmts.	10	
h		4.0 core X 10 sq. mm Copper Armoured cable for UPS to UPS DB including cables termination with gland, Al. lugs properly crimped of required size. (UPS OUTPUT TO UPS DB) & (UPS INPUT TO UPS DB)	Rmts.	10	
7.		<u>U.P.S. POINTS & CIRCUITS :-</u>			
		P & F ups points in 2 mm thick PVC conduit with 2 X 2.5 sq. mm insulated copper wire along with 1 X 1.5 sq. mm PVC insulated wire for earthing including bends, nipples, junction, M.S. switch boxes each to have 3 nos. 6 A 5 pin modular socket 1 X 6 A indicator controlled by 1 X 16 A modular type switch compl fine finish incl. making necessary connection & start of equipment as per details. Complete in all respects as per direction of Engineer/ Architect. Make as specified above)			
(a)		DIRECT POINT	Nos.	9	
(a)		LOOP POINT (Only one point to be loop.)	Nos.	9	
8.		<u>EARTHING</u> :- (Ashlok, JK, Ash, REIL)			

(a)		Supply and installation of pipe-in-pipe technology Copper Earth Electrode earthing system modelt-39 with outer diameter of 80 mm length 2000 mm embedded in the soil with masonry inspection pit along with cover etc. complete in all respect. <u>The work should be got carried out through bank's authorized Company only. Each pit installation test certificate to be submitted after measurement of earth resistances as per the provision in IS 3043 (ups out DB earthing). The inspection pit should be visible and at a proper place.</u>	Nos.	1	
(b)		Supply and installation of pipe-in-pipe technology ASHLOK Copper Earth Electrode earthing system modelt-T19 with outer diameter of 50mm length 2000 mm embedded in the soil with masonry inspection pit along with cover etc. complete in all respect. <u>The work should be got carried out through bank's authorized vender only. Each pit installation test certificate to be submitted after measurement of earth resistances as per the provision in IS 3043 (Panel ups input DB earthing).</u>	Nos.	1	
(c)		P & L 2 X 8 SWg copper earth wire at designated place in PVC conduit (Pit to Panel/ Pit to UPS)	Mtrs.	20	
9.		<u>MAIN PANEL :-</u>			

		Designing manufacturing, installing, testing and commissioning of cubical type MAIN PANEL CPRI approved made from 16 SWG CRCA sheet steel, "type base M.S. channel for grouting on floor complete with MCCB, MCBs, meters, C.T., etc. complete in all respect, insulated bus bar with near shrinkable PVC sleeve in suitable bus bar chamber, wiring, name plates, danger plates, earth bus etc. & comprising of compartments with hinged doors and rubber gasket, bus bar chamber with bolted door and rubber gasket etc. the panel being of dust & vermin proof construction and to be painted with primer and smoke gray paint (minimum two coats) to look attractive. The panel should be comprising with the following : (Degree of Protection IP-54)	Nos.	0	
		INCOMER: -			
		ALL MCCB SHOULD HAVE 25 KA SHORT CIRCUIT CURRENT CAPACITY (C- CLASS) (Legrand/ HPL/ C&S/siemens/ABB/ Schneider)			
(i)		250 Amp 4 - P, MCCB (3 Phase) 1 Nos.			
(ii)		150 Amp 4 - P, ON LOAD change over switch			
(iii)		300 Amp. Capacity aluminum bus bar for ATM & system room heat shrinkable proper insulation with heat shrinkable proper insulation with color coded. Analog ammeter and voltmeter with selector switches three number indicating lamp R-Y-B Phase indicators with 2 amp. back up HRC fuses & Energy Meter with KWH and PF indication (Back up Fuse protection)			
		OUT GOING : -			
		ALL MCCB SHOULD HAVE 25 KA SHORT CIRCUIT CURRENT CAPACITY			
		DOUBLE BUS BAR PANEL			
		DG SUPPLY ONLY FOR LIGHT, POWER, UPS, ATM ONLY			

		A.C. SHOULD NOT OPERATE ON DG SUPPLY			
		All MCCB must have 25 KA S.C. current capacity			
		All outgoing feeder should have separate door and compartment.			
		Each outgoing feeder shall be with indicator.			
(i)		100 Amp 4 - P, MCCB (3 Phase) 2 Nos. (A.C.)			
(ii)		63 Amp 4 - P, MCCB (3 Phase) 5 Nos.			
		(Power, light. A.T.M., UPS)			
(iii)		16 Amp DP, MCB (1 on each Phase) 2 Nos.			
(iv)		63 Amp 4 - P, MCB (3 Phase) 4 Nos.			
9-A		<u>MAIN PANEL FOR SMALL BRANCH :-</u>			
		Designing manufacturing, installing, testing and commissioning of cubical type MAIN PANEL CPRI approved made from 16 SWG CRCA sheet steel, "type base M.S. channel for grouting on floor complete with MCCB, MCBs, meters, C.T., etc. complete in all respect, insulated bus bar with near shrinkable PVC sleeve in suitable bus bar chamber, wiring, name plates, danger plates, earth bus etc. & comprising of compartments with hinged doors and rubber gasket, bus bar chamber with bolted door and rubber gasket etc. the panel being of dust & vermin proof construction and to be painted with primer and smoke gray paint (minimum two coats) to look attractive. The panel should be comprising with the following : (Degree of Protection IP-54)	Nos. rate on	0	
		INCOMER: -			
		ALL MCCB SHOULD HAVE 25 KA SHORT CIRCUIT CURRENT CAPACITY (C- CLASS) (Legrand/HPL/ C&S/siemens/ABB/ Schneider)			
(i)		150 Amp 4 - P, MCCB (3 Phase) 1 Nos.			
(ii)		100 Amp 4 - P, ON LOAD change over switch			

(iii)		250 Amp. Capacity aluminum bus bar for ATM & system room heat shrinkable proper insulation with heat shrinkable proper insulation with color coded. Analog ammeter and voltmeter with selector switches three number indicating lamp R-Y-B Phase indicators with 2 amp. back up HRC fuses & Energy Meter with KWH and PF indication (Back up Fuse protection)			
		OUT GOING : -			
		ALL MCCB SHOULD HAVE 25 KA SHORT CIRCUIT CURRENT CAPACITY			
		DOUBLE BUS BAR PANEL			
		DG SUPPLY ONLY FOR LIGHT, POWER, UPS, ATM ONLY			
		A.C. SHOULD NOT OPERATE ON DG SUPPLY			
		All MCCB must have 25 KA S.C. current capacity			
		All outgoing feeder should have separate door and compartment.			
		Each outgoing feeder shall be with indicator.			
(i)		100 Amp 4 - P, MCCB (3 Phase) 1 Nos. (A.C.)			
(ii)		63 Amp 4 - P, MCCB (3 Phase) 3 Nos.			
		(Power, light. A.T.M., UPS)			
(iii)		16 Amp DP, MCB (1 on each Phase) 1 Nos.			
(ii)		63 Amp 4 - P, MCB (3 Phase) 2 Nos.			
		(Power, light. A.T.M., UPS)			
a		S,F,T,I,C, Etc. of telephone tag box (krone) suitable for 25 pair housed in GI box with cover of suitable size including termination.	Nos.	1	

b		S, L, T, I, C Telephone point with cat 6 cable telephone cable from main supply to various counters, tables, walls, partitions, etc.with colour coading identification on both ends. Including 0.6 mm dia annealed with tinned screen protected CU conductor PCC sheathed 2 pair telephone cable in PVC conduit 2.00 mm thk. conduit as required. Including S & F modular type plate with telephone outlet box and RJ-11 sockets with housed in zinc passivated box/ PVC box with suitable connector strip in reseed wall/ partition as required. S & F modular type telephone outlet 1 pair coaded outlet.	Nos.	11	
c		6 pair telephone cable in PVC conduit as main line including all connection & all accessories etc. complete.	Nos.	11	
11		Computer networking points with 4 pair, 24 AWG UTP Cat 6 Cable as per latest ammendments of TIA /EIA 568 B.2-1 Specifications in PVC Conduits including making connections to Information outlets and Patch Panels with ferruling at both ends for identifica			
(a)		Computer networking points with 4 pair, 24 AWG UTP Cat 6A Cable as per latest ammendments of TIA /EIA 568 B.2-1 Specifications in PVC Conduits including making connections to Information outlets and Patch Panels with ferruling at both ends for identification with necessary tools for punching, stripping, crimping and testing required. Cost including Faceplate for Flush Mount Information Outlets Single Aperture with screw hole covers & Icon Tree Size 86mmX86mm including pvc/ ms box. (Cat 6 cable: Molex/ Avaya/Penduit/AMP) (Face plate i/o : Molex/ Avaya/Penduit/AMP)	Nos.	11	

(b)		Supply , Installation and Testing of 4 pair , 100 Ohm, 24 AWG , E Cat 5 UTP, flexible , Double ended Patch Cords along with 2 No of RJ 45 connectors with strain relief boots as per TIA /EIA 568 B.2 Specifications including making connections to Inform outlets of lengths.			
		1.0 Meter as required .Molex/Avaya/Penduit/AMP)	Nos.	11	
		2.0 Meter as required. Molex/Avaya/Penduit/AMP)	Nos.	11	
(c)		P,F,T,I,C, Etc. of Data/ server rack of 9U Rack with all required accessories complete in all respect.	Nos.	1.00	
(g)		24 port patch panel for rack with all accessories	Nos.	1.00	
12		REMOVING, SHIFTING, STACKING, DISPOSAL, ETC. WORK :- Removing, shifting, stacking, disposal, etc. work of the existing electric fittings & fixtures [2' X 2' mirror optic, downlighters, Tube lights, ceiling fan, wall fan, exhaust fan, power points, S.B., UPS point, data point, telephone point, DB's, etc.] complete in all respects making the ceiling, floor, walls, roof, etc. fine & finish with the help of masonary, plaster, putty, paint, tiles, etc. complete as per direction of Bank/ Architect. The items includes scaffolding & all work upto G+4 lvl., AC penel shifting to suitable place	JOB	1	
		AC			
13		P & F electrical wiring for split units duly insulated with close cell elastometric foam, relevant sizes as per manufactures specifications including cutting and chiselling and repairing of wall / designated areas complete fine finish	rmt	50	

14		P & F INSULATED condensate drain water piping flexible PVC with all bends, junctions and accessories approved make duly insulated to nearest drain trap including cutting and repairing the wall to the existing situation complete - 25mm / 32mm dia. (kissan/ national)	rmt	30	
15		P & F refrigerant piping for split units duly insulated with close cell elastometric foam, relevant sizes as per manufactures specifications including cutting and chiselling and repairing of wall / designated areas complete fine finish.(MAKE PAPDIWAL/ HITACHI) suitable for upto 2.0 Tr capacity	rmt	50	
		Total (B)			
		Total (A+B)			
		Percentage Above(+)/ Below (-)*			
		Grand Total			

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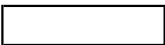
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