



CENTRAL BANK OF INDIA

REGIONAL OFFICE, ETAWAH

, Civil Lines, Near Balram Chauraha,

Etawah, (U.P.), PIN-206001.

(To be kept in envelope -2)

TENDER DOCUMENT

(FINANCIAL BID)

FOR

Furniture, Electrical, Data cabling & Low side Air-Conditioning Work at Central Bank of India, Bidhuna Branch, under Etawah Region

Furbishing work of Bidhuna Branch Premises

LIST OF APPROVED MATERIALS: Vendors are advised to use the materials of below mentioned Brand with prior approval of Bank/ Architect only.	
MATERIAL	MANUFACTURER / BRAND NAME
Aluminium composite panel	Alstone, Alcobond, Eurobond
Aluminium member	Ajit India, Jindal, Indal, Hindalco
Aluminium grill	Jindal, Nalco, Hindalco
Block board/ Plywood	Century/ Greenply / Duro/ Archid confirming to IS 303, IS 710 & IS 1659.
Modular Grid Ceiling tiles	600X600, 12-15mm thick perforated tiles of " ARMSTRONG PVT LTD" or equivalent only on prior approval of Bank.
Gypsum Ceiling	Gypsum India Ltd, Saint Gobain, Laffarge
Teak-Wood, Mouldings, Lippings	First Quality, well-Seasoned Wood Free From all Defects
MDF/ Partition Board	Novapan, Greenlam, Archid, Century (Exterior EWP Grade) or equivalent approved by Bank.
skirting : (100mm)	bank's pattern i.e. Blue: Red = 3:1 as per proportion. Greenlam, Eurolam, Formica. (Blue - C=100 M=50 Y=0 K=0) (Red C=0 M=100 Y=65 K=15)
	Red & Blue laminated strips required on wall paneling & partition top side (below false ceiling). This is compulsory on every site. Approved sizes are Blue 3" & Red 1": (As per bank's approved shade)
Mortice Locks, Night Latch	Godrej, 4-C ACME, Ultra, Dorset
Multi Purpose Locks	Godrej/ Dorset/ Link/ Harrison
Laminate	1mm Thk. Shade - HL Pine. (Laminate make - Greenlam, Century, Merrino, Formica)
Veneer	Durian, Duro, Century
Glass	Modi Guard/ Saint Gobain/ Ashai
Screw / Nail	G.K.W., Nettle Fold
Hinges & Hardware	Ozone /Magnum/ Everite all ISI marked
Floor Spring	Hemco/ Ozone/ Geze/ Dorma Aluminum plate type confirming to IS: 6315
Hydraulic Door Closure	Hyper/ Godrej/ Everite/ Ozone
Key Board Drawer/Tray	Ready to use, computer keyboard tray KBT series keyboard of Earl Bihari, EBCO or Hetich make.
Adhesive	Fevicol, Araldite, Mowicol, Mahacol
Soft Board	Sitatex or equivalent
Paints	Asian, Berger, Deluxe or equivalent as per bank approval
Wood preservative	Asian, Nerolac, Wood guard, British
Powder coating on all metal section	Ivory Gloss :- H3N00307S9
Cement	L&T, ACC
Vitrified Tiles	Kajaria [Shade Kajaria Make (AGCNL- K6211) /same shade matching in Nitco, Johnson Company] as approved by bank
Ceramic Tiles	Nitco/Kajaria/ Jhonsan (Sample shall be pre-approved by bank)
Vinyl Flooring	Applicable only in strong room are 2mm thk. (Armstrong, Rikwin, Marbled)
Bonding/ Water Proofing Chemical	Bal/ Roffe/ Sunanda/ Ciba
Sanitary Fittings	Parry Ware/ Hindware
Plumbing Fittings	G. I. Pipes, Tata/ Jindal/ Zenith Make C-Class

Furbishing work of Bidhuna Branch Premises

Water Taps, Stop cocks & other fittings	ISI Marked and as per bank approval
Insulation Wool	U.F. Twiga, Crown, Lloyd
Soil waste & R .W.P.	RIF/BC/SRIF
G I fitting	KS ENG. Works/R-mark, K-Mark, Jindal. Tats
G I Pipes	Tata/JINDAL/ Hissar
Stone ware pipes and gully traps	Perfect/Bura
Steel sinks	Neelkant, Nirali
Fire Retardant Coating	Viper or Equivalent
Wood Preservative	ASCU PS-2 or equivalent
Vertical/Venetian Blinds	Vista levellor/MAC

NOTE: Above specifications are of the general type only and must be used in conjunction with the drawing of the particular item being made. Anything shown on the drawing and not in the specification must be complied with, and vice versa.

LIST OF APPROVED MATERIALS: Vendors are advised to use the materials of below mentioned Brand with prior approval of Bank/ Architect only.

APPROVED LIST OF ELECTRICAL, DATA CABELING AND AIR-CONDITIONING WORKS

DESCRIPTION	MAKE/ BRAND
PVC Insulated Copper wires (Multi stranded 650 V Gr.)	L&T/ RR Cable/ Finolex/ Havells, Polycab
MS Conduit and accessories	BEC/ AKG/ KALINGA
Wires/ Cable (FRLS)	Finolex / Havells/ RR
Telephone wire	Finolex/Anchor/ Havells
Aluminum Armored XLPE/PVC Cables	Havells/ Finolex/ CCI
MCCB/MCB/ELCB/DB	Legrand/ Seimens/ L& T/ Havells/ABB
Load line DB	HPL/Crompton, L & T/ ABB/ Legrand
Ceiling/ Wall mounted Fans/ Exhaust Fan with Louvers	Crompton/ Havells/ Orient
PVC non metallic conduits and accessories	BEC/ Precision/ AKG, Polycab
Panel manufacturer	CPRI approved manufacturers
Bulb holders, Ceiling rose, 6/16A Switch socket/Telephone socket/TV Outlet/Fan regulators	Anchor Roma/ Legrand/ Havells/ Crab tree
GI pipes	Swastic/ Khandelwal/ Prakesh
Lugs/ Glands	Dowells/Comet/L & T
LAN/ Data Cable (Cat 6e)	D-Link, Digi Link
Changeover Switch	Havells, L & T, GE
Selector switch & indication Light	Kaycee/ Siemens/ L&T
Distribution Boards	Double Door HAVELLS/MDS
Grid Light 2'x2'	32-40 Watt LED Havells, Phillips or equivalent make on prior approval of Bank.
Down Light	14-15 Watt LED Havells, Phillips or equivalent make on prior approval of Bank.
Central Air Conditioning Plants , Package type plant , Window, Split AC, Cassette AC (THREE Star rated)	Daikin or equivalent make of Blue Star/ Carrier make

NOTE: Above specifications are of the general type only and must be used in conjunction with the drawing of the particular item being made. Anything shown on the drawing and not in the specification must be compiled with, and vice versa.

1. All the materials shall be ISI make.
2. The contractor will have to get the sample approved from the architect whose decision shall be binding on the contractor. The condition is also applicable for any material not mentioned in the specification or schedule of works No deviations are allowed in these even during/after tender.
3. Architect/ Client decision in this regard shall be final and binding.
4. In case any material is not available for any one or all the approved make the Architect/ Client shall select and approve alternative make.

ELECTRICAL INSTALLATION:

The whole of the Electrical & Data cabling installation shall be carried out by a major registered licensed Electrical Contractor's firm.

The electrical installation shall include for the supply of the whole of the materials and the work of fixing, necessary for the complete installation. The work shall be carried out in strict accordance with the latest edition of the Regulations for the Electrical Equipment of Buildings issued by the Institute of Electrical Engineers I.E. rules and to the satisfaction of and in accordance with rules, regulations, and requirements of the supply company and the Fire department all to the entire satisfaction of the Architect / Bank.

The positions of all points and equipment shown on the drawings shall be assumed to be correct for the purposes of tendering, but it is the main contractor's responsibility to check the exact positions on the site before commencing the works.

Furbishing work of Bidhuna Branch Premises

BOQ for furnishing works for Central Bank of India, BO Bidhuna (Semi Urban)-Medium under Etawah Region				
(Quoted rates shall be inclusive of all labour, material, scaffolding etc and (Excluding GST))				
1	No Offsite pre fabrication shall be allowed in any case. All fabrication shall be done at the site after getting the materials inspected by			
2	No Payment shall be made for any in completed or unsatisfactory work.			
3	The Contractor should strictly follow the shop drawings/ specifications requirements of the Bank, including the detailed drawings in the			
4	List of materials to be strictly as per the shop drawings/ specifications.			
5	Cable managers to be provided in the tables and counters wherever required.			
6	All under frame wooden work should be properly treated with ant termite and waterproofing material.			
7	All Locks in drawers and door sets etc. should be Godrej or equivalent brand as specified or approved by Architect.			
8	All keyboards Trays & Drawers to be on Channel Sliding Mechanism.			
9	Etching to be provided as per Bank's design, specification and Architects instructions only.			
S.No.	Item Description	Quantity	Unit	Rate
A	PAINTING WORKS			
1	INTERNAL PAINTING. (FOR Wall & CEILING) Providing and applying washable oil-bound distemper of Approved brand and of approved shade firstly removing old paint with scratching using stiff wire / fiber brush, sand paper, fine steel wool then removing all loose and powdery residue, any fungus and algae thorough brushing, cleaning, making surface imperfections such as holes, dents, small visible cracks by filling using mixture and then after surface preparations with putty, then applying one coat of approved primer, then providing and applying two coats of washable oil bound distemper of approved colour, shade. Complete as per the direction of Consulting Engineer / in-charge. (To be Done by Landlord).	0.00	Sqft.	
2	ENAMEL PAINT: Painting with synthetic enamel/ oil paint of approved brand and colour to give an even shade in two or more coats as required/ directed. The cost includes making the surface smooth with oil based putty, red oxide paint in one coat in case of iron steel grill etc. complete after surface preparation rubbing cleaning complete. Door, Window, Grills, CG, Shutters. (To be Done by Landlord).	0.00	Sqft.	
3	Oil paint to window & shutter - Thoroughly scraping and cleaning of surfaces and removing old loose flakes if any and apply over the same one coat of primer and two coat of Paint of approved brand as directed complete as per the direction of as per the direction of Consulting Engineer / in-charge complete. (To be Done by Landlord).	0.00	Sqft.	
	TOTAL FOR PAINTING WORKS (A)			
B	CIVIL /FAÇADE & DISMANTLING WORKS (IF ANY)			
	ACP CLADDING: Design, Supply, Fabrication and installation / Fixing of Aluminium Composite Panels of approved make for external cladding and canopy cladding in combination of solid / Metallic colours, including all necessary frame work and complete weather sealing. The composite panel should consist of 3 mm LDPE sandwiched between 2 skins of 0.5mm thick Aluminium sheet making a total panel thickness of 4 mm. The supporting framework shall be made to suit the grid requirement at site out of extruded section 38x38x3mm aluminium angle section or 50x25x1.6mm tube section running vertically or horizontally fixed to building structure through M.S clamps prefixed to masonry with suitable anchor fastener or screws as required after aligning the framework for level and lines. The ACP panel cut to size and bent at edges to form a tray to be fixed to aluminium grid tubes cleats, angles etc. with metal screws. All hardware will be corrosion resistant. The gaps will be sealed using weather sealant like Dow Corning 789 or any other approved brand. Note: the external surface shall be well protected with self adhesive peel off masking foil which is to be peeled off after the completion of all the works.	24.00	Sqft.	
	TOTAL FOR CIVIL /FAÇADE & DISMANTLING WORKS (B)			
C	FALSE CEILING WORK			
1	PLAIN GYPBOARD FALSE CEILING WITH PAINTING : Providing and fixing suspended false ceiling consisting of 12.5mm thick Gypsum board (India Gypsum) suspended on GI framework. GI framework to consist of GI perimeter channels 0.55mm thick 20mm x 30mm along perimeter of false ceiling of ceiling, screw fixed to wall/partition with nylon sleeves and screws @ 600mm c/c. Suspending GI intermediate channels of size 0.9mm thick 45mm x 15mm from the soffit at max dist 1220mm c/c with ceiling angle 0.55mm thick 25mm x 10mm fixed to soffit using proprietary supplied GI cleats and steel expansion fasteners. Boards to be finished with proprietary supplied jointing tape and jointing compound and sand papered to achieve a smooth and seamless finish and 2 coats of primer along with coats of Acrylic paint suitable for Gypsum board up to Bank's Satisfaction. Rate quoted to include vertical all cut-outs required for light fixtures, smoke detectors and other services cut-outs complete as directed by Architect. Only Horizontal plan area will be measured for payment purposes.	265.00	Sqft.	

2	GRID FALSE CEILING /Modular False ceiling :Providing and fixing suspended false ceiling consisting : approved make MODULAR CEILING Tile: Classic Lite RH 95;	404.00	Sqft.		
	Suspension system Superfine 15 () False ceiling will be measured on horizontal plane only. Horizontal plane measurements are to be inclusive of all vertical drops, edge moldings, fascia's, etc. Rate quoted to include all cut-outs required for light fixtures, smoke detectors and other services cut-outs complete as directed by Architect. Rate quoted to include cost of providing support framework formed of perimeter channels for fixing light fixtures, AC grills/diffusers etc. Also to provide concealed perimeter channel support as required to support modular grid ceiling sections at junction between gypboard false ceiling and modular grid tile ceiling.				
	TOTAL FOR FALSE CEILING WORKS (C)				
D	INTERIOR FURNISHING WORKS				
1	P/F SOLID PARTITIONS made out of Aluminium cross section / 2"x1 1/2" salwood section framework 2'-0" c/c both ways treated with ant termite solution, covered with 8 mm thk commercial BWR ply wood / partly glazed with approved shape & shade 1mm thk laminate/mica fixing on inside of panel with 1.5 mm thk grooves in panel as per the design with provision of the openings in the panel for switch boards, box and cuts in frame for carrying conduits if necessary and fixing 1.0 mm laminate on the outside face of shade and colour as per Bank's color scheme given in the tender specification with 8 mm glass to be given in the design. The open edges are to be blocked by teak wood bead of required size and design. All provisions to be made for all electrical, networking boxes onto partition framework at required heights/levels with necessary additional supports as directed.	145.00	Sqft.		
	Providing and pasting frosted film (3M, Garware make) on glass work including Bank's logo as required & as directed by the Architect.				
	Including providing of solid flush door made out of 35mm with both side laminate finish with necessary fitting with door closer provision . All material is of approved brand. Size of door 900 x2100 Doors-Providing and fixing single leaf solid core flush door 40mm thick factory made, finished on both sides with 1.0mm thick laminate of approved shade as indicated in drawing. Shutter to be lipped on all sides with 12mm thick teak wood beading. Applicable hardware's to be considered for following doors according to requirement as per detailed drawings including below mentioned hardware-Door closer,SS Ball bearing Hinges ,SS foot operated Door stopper,SS Mortise Latch Lock / concealed dead lock,SS Mortise Handle.				
	Measurement shall be considered only up to False Ceiling Level only.				
2	Full/ Low height /glazed partition with 12 mm glass with polished edges.	115.00	Sqft.		
a	Sal wood frame of section 2.5"x1.5" fixed in position with 2.5" to 3" long steel nettle fold screw. The vertical and horizontal members being placed at 2' C/C as per site condition as directed Architect in charge.				
b	Panel for solid partition fixing 8 mm water proof plywood, ant termite, borer proof plywood of century, Duro make on both the sides of frame work with fevicol SH and headless nails of 17 no of 1.25" length and securing the cover with 1.5" long steel netttled fold screw. Making the plywood surface level before fixing the laminate/veneer.				
c	1mm thk laminate/ mica fixing on inside of panel with 1.5 mm thk Groove in the panel for switch boards, box and cuts in frame for carrying conduits if necessary, and fixing 1.0mm laminate on the outside faces of shade and colour as per CBI colour scheme given in the design. The open edge are to be blocked by teak wood bead of required size and design with 6 mm groove.				
d	Including below mentioned hardware-Door closer,SS Ball bearing Hinges ,SS foot operated Door stopper,SS Mortise Latch Lock / concealed dead lock,SS Mortise Handle.				
e	Providing and pasting frosted film (3M, Garware make) on glass work including Bank's logo as required & as directed by the Architect.				
3	Providing and fixing of toughen glass doors with below fixtures of size 3'-6"x7'-0"mm	1.00	No's.		
	Door Lock				
	Door stopper				
	Door Machine				
	Door fitting				
	S.S. Handle 12" long				
4	WALL PANELLING : Fabricating and fixing wall/column panelling to consist of 37.5mm x 50mm treated salwood framework or Aluminium Sections at spacing not exceeding 600mm both ways (horizontal and vertical). Panelling framework to be secured to wall surface/column surface. Panelling framework to be clad on one side with 8mm thick commercial ply finished with 1.0mm thk laminate including skirting of 100mm high & 12mm x 12mm groove at skirting level. AT GYPSUM CEILING BOTTOM LEVEL 25MM RED+75 MM BLUE BANK'S BRANDING PATTA IS TO BE PROVIDED ALL AROUND THE BANKING HALL AND AS PER INSTRUCTIONS OF ARCHITECT.	60.00	Sqft.		

5	FILE STORAGE CABINETS: Providing and fixing the 1'-6" wide storage units. The storage units shall have shutters made in 19mm plywood and finished in laminate of approved shade including top. The storage units shall have intermediate shelves made in 19mm thick plywood with matching wood lipping. The storage shall have matching wood edge moulding as per the detail drawings. This also includes providing necessary hardware like handles, hinges, locks, tower bolts etc of approved make. All exposed wooden surfaces shall be stained to shade. (same for Over Head storage required above Pantry counter.)	30.00	Sqft.		
6	WRITING TABLE: Writing desk made of wood with glass top as per Design Size: 3'0"x1'0" minimum. Writing Ledge to have facility of pigeon holes beneath to place the pay in / pay-out slips etc.	1.00	No's.		
7	VERTICAL BLINDS -P/F Blinds made using 100% polyester with acrylic polymer coating.(only for external windows. In case of front facia necessary approval need to be obtained).	0.00	Sqft.		
8	CHEQUE DROP BOX (2'-0" x 3ft High X 10" deep) Providing and fixing cheque drop boxes made out of 19mm thk. Commercial plywood grade I finished with 1mm thk. Laminate. Slit should be provided to drop cheques and opening provided with locking arrangement to remove cheques, complete in all respect.	1.00	No's.		
9	NOTICE BOARD: Providing and fixing notice board of 4'-0"x2'-6" size in ply board of 6mm fixed on a frame of 50 mm x 25 mm well seasoned wood polished and top fixed with bead. 12mm thk. Soft board clad with fabric of matching colour and shade complete with all fixtures necessary as required.	1.00	No's.		
10	WHITE BOARD: Providing and fixing WHITE board of 4'-0"x2'-6" outer edges finish with aluminium anodized section.	0.00	No's.		
11	ARTIFICIAL PLANTERS & PLANTER BOX: Providing & fixing of 1'-6" x 3'-0" planter box 18" high, made of 19mm thick ply board, with teak wood Gola of size 1 1/2 "x 3/4 " as per design, which is to be polished as per color scheme. The planter box shall be finished with 1mm thick laminate of approved shade / colour, complete as per Bank's approved brand/make. Inside of planters shall be painted with synthetic enamel paint as per color scheme. Planter box to be furnished with white rounded pebbles & Artificial Bamboo Silk trees or Artificial Palm Trees of 3'-0" ht. (3 Nos. trees per planter box).	0.00	No's.		
12	DRESSING TABLE(Strong Room): Providing & supplying dressing table with mirror of size 1'-0" x 5'-0" including sitting desk for locker room as per standard design of locker room / dwg.	0.00	No's.		
13	CENTRE TABLE: Providing Centre table of 30" diameter, with stainless steel base frame & 12mm glass of approved quality at top as per drawing approved by Bank.	1.00	No's.		
14	TABLES/ COUNTERS				
	Providing and placing in position tables with top, Vertical sides/ dividers, skirting and modesty panel made out of 19mm thk Premium board (Green/ Century) with 1mm thk laminate (as/ bank's shade approved by architect) on all exposed surfaces. It shall also have 75mm x40mm teak wood runners below the top and for footrest below. Every table shall provided with side unit (size- w-500mm, H-750mm approx.), consisting of 150mm deep drawer at top and a cabinet with open able/ hinged shutter below.				
	The facia of drawer and shutter of cabinet below shall be made out 19mm thick Premium Board (Green /Century) with 1mm thick laminate (as/shade approved by the Architect) and sides and bottom of drawer shall be made out of 12mm thick Premium Board (Green /Century). The side unit shall have CAM locks, handles, guides, sliding units, hinges, magnetic catcher's etc. of approved make. Every table shall be provided with a keyboard drawer unit (size - W-550mm, H-100mm, D-300mm approx.) below. The table shall have 100mm deep fascia, below the top, in which keyboard drawer unit shall be adjusted. It shall be made out 19mm thick water proof board with 1mm thick laminate (as/shade approved by the Architect) and sides and bottom of drawer shall be made out of 12mm Premium ply (Green /Century). The unit shall have CAM locks, handles, guides, sliding units etc. of approved make.				
	The job shall include for 6mm x 6mm grooves in between sides and open able drawers and hinged shutters. All the exposed edges of Premium Board (Green /Century) and ply shall be provided with 6mm thick teak wood/hard wood lipping. All teak wood surfaces shall be melamine polished and other internal surfaces shall be painted with two coats of synthetic enamel over one coat of primer, all complete to the satisfaction of the Architect. Every table top shall be provided with 10mm thick float glass (as per profile) with polished/ bevelled edges.				
a	Manager's Table of size 6'-0"x3'-0" & 2'6" high with Side credenza of size 3'x16" & 2'6" high	1.00	No's.		
b	Officer Table size 5'-0"x 2'-6" & 2'6" high with Side credenza of size 3'x16" & 2'6" high	0.00	No's.		
c	Officer Table size 4'-6"x 2'-6" & 2'6" high with Side credenza of size 3'x16" & 2'6" high	2.00	No's.		
d	SWO Table size 5'-0"x 2'-6" & 2'6" high	1.00	No's.		

e	Daftari Table size 4'-0"x2' & 2'-6" High	0.00	No's.		
15	CASH COUNTERS: Providing, Fabricating and supplying and fixing in position service/cash counter as per the plan made with 18mm, 12mm and 6mm ply of approved make and quality with a counter top of 2.5' width at a height of 2.5'/3.5' from the floor, with a length of 5.0' or as per plan or directed/as per the site conditions, and each unit shall be provided with credenza, drawers, keyboard, shuttered shelves etc. complete. All exposed surfaces to be fixed with 1.0mm thk. Laminate and inside faces like drawers, table, side table and back face shall be pasted with 0.7mm off white liner mica. The back side of the cabinet, side tables wherever visible shall have mica same as that of color scheme with all necessary handles, locks, night latch, hinges, keyboard tray etc complete and with followings:- The counter to be provided with foot rest and wire managers as required. CPU trolley with rollers for each counters/table	5.50	Rft.		
16	Server room counter (without top glass) Laminate colour and shade as per the specification in the tender and lock handle of (Godrej, Dorset or equivalent).	0.00	Rft.		
17	CASH CABIN PARTITION (HT-7'-6" ONLY)	92.50	Sqft		
	Providing and fixing of wooden partitions made out of 50mm x 40mm sail wood (with anti-termite) under framing for horizontal (at 0mm, 75mm, 750mm, 900mm, 1200mm, 2100mm and 2550mm and ceiling levels) & vertical (at 600mm c/c approx.) divisions or as per site conditions. It shall be covered with 6mm thick Premium Ply (Green/Century) with 1 mm thick laminate, (from 0mm to 1200mm and 2100mm to 2550 mm/ceiling levels) on both sides. The design shall have grooves (horizontal or vertical) at various levels, as suggested by the Architect.				
	It shall have 12 mm thick glass (from 1200mm to 2100mm) fixed with teak wood beading (size - 30mm x 20mm, as per profile with melamine finish. The Job shall also include for provision of laying conduits, switch boxes etc. The erection of partition shall include for expansion bolts cleats, clamps bolts, nuts, screws, rivets and other accessories, all complete up to the satisfaction of the Architect. All door opening shall have rebated teak wood framework (size - 75mm x 50mm, as per profile) an vertical (2 Nos.) and horizontal (1 No.) sides, with melamine finish and rebate of 40mm x 12mm, all complete up to the satisfaction of the Architect. It shall also include for door shutters, as per required width and 2100mm high. It shall be made out of 75mm x 25mm, kail/patal wood (with anti-termite) under framing for styles, top, middle and 100mm x 25mm for bottom rail. It shall be covered with 6mm thick Premium Ply (Green /Century) with 1mm thick laminate, (from 0mm to 900mm and other under frames) in shade and pattern any other approved brand. Note: the exte				
	The design shall have teak wood beading as per profile with melamine finish. Door shutters shall have teak wood edging size 40mm x 10mm, as per profile on all sides, with melamine finish. Each shutter shall have hinges floor spring/sliding arrangement/hydraulic door closer (heavy duty), mortise locks, etc. The rate shall include cost of all Immaterial, labour, T&P, wastage etc. required for proper work.				
18	Glass Barrier for cash cabin 12MM NECESSARY] Including ETCHING work.	44.50	Sqft		
	Providing and fixing glass barrier (as per profile and design) in front of cash and ledger counter made out of 12mm thick polished edged float glass (Make - Modi guard or equivalent). It shall have 25mm x 20mm teakwood beading (as/shape approved by the Architect) to held the glass from sides and top (optional). All teak wood surfaces shall be melamine polished. The rates shall include for cutting in geometrical shape) and polishing the edges, all complete to the satisfaction of the Architect.				
19	Meter Boxing (Only front face to be measured for payment purpose)	34.00	Sqft		
	Manufacturing, supplying and fixing box type meter storage with overall depth of 1'6" and height as per the size of the metre, comprising of the following.				
	19mm block board hinged double shutter, height as size of the panel with all around beadings 3/4" x ". powder coated handles, piano hinges, magnetic ball catches, lock, locking arrangement, tower bolts etc., all as per directions.				
	All visible surfaces to be fixed with 1.0mm thick lamination sheet with matching grains & grooves as per instructions.				
	All internal & rear surfaces to be painted with two coats of enamel paint over a coat of primer/putty as directed to get a smooth finish.				
	Only front area will be measured for payment purpose.				

20	Shutter Boxing with A.C.P. (Boxing with Trap door)	84.00	Sqft		
	ACP Panelling & Rolling Shutter Box.				
	Frame Work-2" X 2" X 1.5 mm thick Aluminium Tubular section (Horizontal/Vertical) Jindal Make.				
	Aluminium Composite Panel-3.0mm thick of approved color with bonding material.				
21	Signage including lighting MS square pipe of 1" x 1" - 18 gauge for framing with one coat of red oxide & 2 coats of oil paint to avoid rusting. 3" stainless steel Hinges at every 2 on top and Alan key lock at bottom for easy maintenance of electrical. Powder coated 24 gauge GI sheets on all Top, bottom & sides. 26 gauge GI sheets at the back as per specification enclosed. Timer: LDR based timer make Kakatia energy system or GE/L&T Make with 5 years comprehensive warranty from manufacturer of the flex/ vinyl and substrate for Indian weather and dust conditions without any restrictive sub clauses. Copy of valid warranty to be provided to the bank.	45.00	Sqft		
21	Chairs				
a	High Back Revolving Chair for Branch Manager with Centre Tilt Mechanism, Powder Coated Metal Pedestal, PP Fixed Arms (Model: Bravo HB- Godrej make, Senator HB- Methodex make or equivalent make of featherlite (Blue Color)	1	No's.	Bank will procure	
b	Medium Back Revolving Chair for Officers with Centre Tilt Mechanism, Powder Coated Metal Pedestal, PP Fixed Arms (Model: Bravo MB -Godrej make, Senator HB -Methodex make or equivalent make of featherlite (Blue Color)	2	No's.		
c	Revolving Fixed Loop Low Back Chair for SWO's with Perm Cont Mechanism upright position locking, injection moulded Pedestal (Model: Diva Godrej make or equivalent make of Methodex/ featherlite (Blue Color)-Blue Color	3	No's.		
d	Visitor Chair with arms (Model: Bravo Visitor -Godrej make, Senator VI- Methodex make or equivalent make of featherlite (Blue Color)	7	No's.		
e	3-Seater lobby sofa with: - Perforated Mechanism, Seat & Back-Perforated, Base- Chrome Plated (Model: L2-CH- Methodex make or equivalent make of Godrej.	2	No's.		
TOTAL FOR INTERIOR FURNISHING WORKS (D)					
ELECTRIFICATION AND DATA CABELING WORKS					
E	WIRING AND CABELING				
	The rates for the point wiring shall include providing and fixing of following:				
a	Wiring of the point of any length from distribution board to point outlet including circuit wiring (i.e from DB to Switchboard)				
b	Earthing of all switch box and all outlet boxes fitting, fans, 3rd pin of plug with 1.50mm copper wire.				
c	Modular Switch/ Sockets of Standard make with necessary modular series cover plate and MS Boxes				
d	Embedding all conduits in walls laying in slabs, above false ceiling or in floors including all accessories as required, cutting and refilling the chases with cement mortar.				
e	Providing, fixing Modular switches, sockets, M.S. boxes (1.6mm thick) draw boxes, G.I. Pull wires (where required), brass screws, ceiling rose/connector etc.				
f	Adopting separate and independent system of wiring for lighting, power (normal and essential supply). Wiring for following points using PVC Insulted copper conductor wires of 650V/1100V grade in MMS grade-PVC conduit concealed/ exposed including switches & sockets as above.				
g	LIGHT :(Maximum three points to be looped from primary) POWER:(Maximum TWO points in one circuit)				
INTERNAL WIRING					
1	POINT WIRING :				
	Providing wiring (supply, fixing, testing and comm. etc) for light point / Exhaust fan point / Call bell point/6A Switch-socket point etc with 2x1.5+1X1.5 sq mm FRLS PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend , junction box etc in concealed/surface manner as per site requirement with suitable Modular Switches with plate and metal / PVC box, ceiling rose , bulb holder etc including 1.5 sqmm PVC insulated copper, earth wire etc complete as required. Wire colors : Red, Black, Green .Supplying, providing wiring (supply, fixing, testing and comm. etc) for circuit with 2 x 2.5 + 1 x 2.5 sq mm FRLS PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend, junction box etc on surface / recessed manner etc (Wiring from D.B. / Source to Board/destination) and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed.				
a	Providing and fixing Primary light point	22.00	No's.		
b	Providing and fixing Secondary light point(Maximum three points to be looped from primary)	4.00	No's.		

c	Plug point / ceiling Rose Point (for wall fans/Exhaust fan)Supply, fixing and commissioning of 1 No 6A multi Socket with 1 No. 6A switch (Modular type) with cover plate, sheet steel box / PVC modular box etc on surface / concealed manner I/c electrical connections and making good all the damages, painting, cleaning the site etc. complete as required as per site requirement and as directed.	13.00	No's.		
d	P&F bell point i/c of buzzer	1.00	No's.		
e	6 AMP. POINTS ON SAME BOARD(Half point) :				
	Supply, fixing, testing and commissioning of 1 No 6 A Multi Socket with 1No. 6 A switch (Modular type) with cover plate , sheet steel box / PVC modular box etc on surface / concealed manner I/c electrical connections and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed.	8.00	No's.		
f	Ceiling fan point (rate should include electronic fan speed regulator)	1.00	No's.		
2	16 AMP. POWER POINTS:(including circuit wiring)				
	Supply, fixing, testing and commissioning of 1 No 16 A switch & 1 No. six pin 6/16 Amp. Multi Socket (Modular Type) with cover plate , sheet steel box etc on surface / concealed manner I/c electrical wiring with 2 X4 sqmm + 1 X 4 sqmm FRLS PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend, junction box etc on surface / recessed manner etc (Wiring from D.B. / Source to Board to destination) and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed.	5.00	No's.		
3	AC POINTS :				
	Supply, Installation, Testing and commissioning of the surface / recess mounting distribution board with 20 A Metal plug and socket, with 20 A/25A/32A SP MCB Incl. wiring with 2 X 4.0 sq mm + 1 X 4 sqmm PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend, junction box etc on surface / recessed manner etc (Wiring from D.B. / Source to Board/destination) and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed.(MCB of C-Curve with S.C Capacity 10 kA)	4.00	No's.		
	PANELS AND D.B.'s				
4(a)	MAIN PANEL/VTPN(4 WAY) :(With following minimum capacity)				
	Supply, installation , testing and commissioning of totally enclosed compartmentalized dust and vermin proof cubical segregated and modular in construction M.V. panel board wall mounted fabricated with 14swg and 16swg of CRCAM.S.sheet duly painted with two coat of metal red oxide and two coat of fire resistance paint at inside and out side of the panel, bus-bar chamber ,outgoing switchgear etc (all feeder unit Would be compartmentalized), color coded PVC sleeved vertical / horizontal busbar of required size of length, (bus-bar distances shall be minimum 32 mm) insulators, hardware, neoprene gasket , hinged door, interconnecting single core multi strand lugged copper wire having current density of 2A / sqmm of suitable capacity & size with lugs from busbar to switchgears / mccb / mcb or where ever required, two earthing terminal busbar of size 25 x 5 mm with nut & bolts at out side of the panel , rating and name plates for all incoming & outgoing , two eye two nos eye bolts.wire mesh jali for ventilation etc comprising with the followings.				
	NOTE:-				
	Sheet 16 swg : panel sides,upper,lower,and Ft.doors				
	Sheet 16 swg : back side and compartments.				
	Glandplates : 3 mm thick.				
	Cable entry : Provision at bottom and upper sides.				
	Inside the panel : white colour paint.				
	Outside the panel : Grey colour paint.or as directed.				
	INCOMER				
	1 Nos 80 Amp MCCB, 25 KA- 4 Pole,C-curve				
	1 Nos - 100 A TPN Insulated Copper Bus Bar				
	Set of Indicator Lamps				
	Set of Voltmeter + Ammeter+ Selector Switch				
	OUTGOINGS				
	3 Nos- 40 Amp, 1 No-63 A TPMCB,C-curve				
	CHANGEOVER	1.00	No's.		
	SET AS ABOVE	1.00	No's.		
(b)	SFU TPN 80 A with HRC fuses(just after meter and prior to Main Panel)				

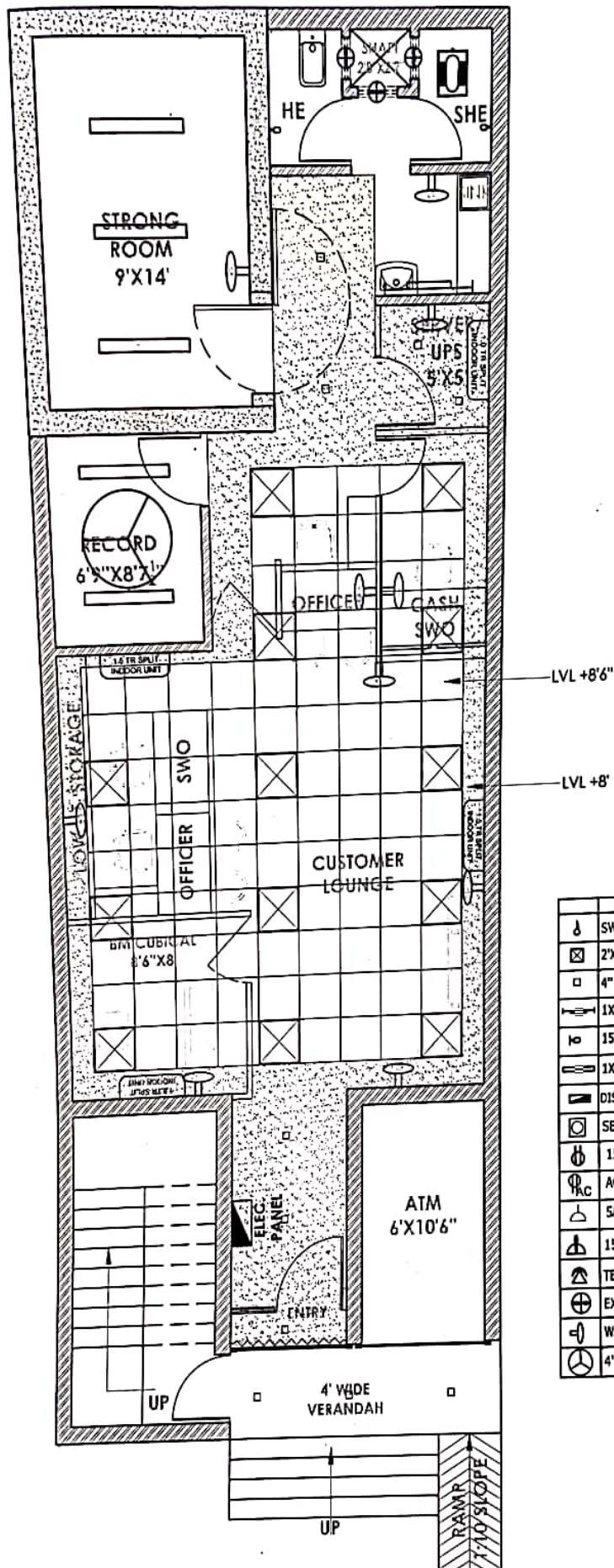
5 LIGHT DISTRIBUTION BOARD					
Supply, Installation, Testing and commissioning of the surface / recess mounting following way TPN MCB three phase distribution board for single phase outgoing with IP 42 protection , direct on wall incl. the followings accessories.					
INCOMER					
1 No. TPN-RCBO/ELMCB 40 Amp ,100 ma sensitivity					
OUTGOINGS					
6-8 Nos SPMCB 6/10/16 Amp,B-Curve					
SET AS ABOVE		1.00	No's.		
incl. Electrical connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.					
6 AC DISTRIBUTION BOARD					
Supply, Installation, Testing and commissioning of the surface / recess mounting following way MCB three phase distribution board for single phase outgoing with IP 42 protection , direct on wall incl. the followings accessories.					
INCOMER					
1 No. TPMCB 63Amp ,C-curve					
OUTGOINGS					
8 Nos SPMCB 25/32 Amp,C-curve					
SET AS ABOVE		1.00	No's.		
incl. Electrical connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.					
SUBHEAD IV : UPS WIRING					
7 U.P.S. DISTRIBUTION BOARD (INCOMER)					
Supply, Installation, Testing and commissioning of the surface / recess mounting following way Double door MCB D.B.- Single phase distribution board (Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories – incl. Electrical connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.					
a INCOMER					
1 NOS 40 A DP MCB					
OUTGOINGS					
2 Nos- 40 Amp DP MCB					
SET AS ABOVE		1.00	No's.		
b UPS DIST. BOARD OUTGOINGS.					
1 NOS 12 WAY SPN DIST BOARD					
1 Nos- 40 Amp DPMCB					
6-8 NOS 6/10 AMP SPMCB		1.00	No's.		
SET AS ABOVE					
8 SPECIAL POINTS: (UPS) any length(TO WORKSTATIONS)					
Supply, fixing, testing and commissioning of following Modular type switch socket with cover plate , sheet steel box etc on surface / concealed manner l/c electrical wiring with 2 X 2.5 sq mm + 1 X 2.5 sq mm FRLS PVC insulated copper conductor single core multi stranded wire in rigid MMS grade PVC conduit with conduit accessories like bend, junction box etc on surface / recessed manner etc (Wiring from D.B. / Source to Board/destination) and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed.					
1 Nos. 16 A Switch + 3 Nos. 6 A, 5 pin Socket.		7.00	No's.		
9 EARTHING					
Preparation of the Earth station : (as per I.S. 3043)					
i). Excavation of rocky earth,soft murum, hard murum etc and back filling with black cotton soil for the earth station, the earth pit size is 1000 mm X 1000 mm X 2500 mm deep.					
ii). S/F of Copper plate of size 600 X 600 X 3.00 mm					
iii). Supply & fixing 25 mm X 5 mm , 3 mtrs copper strip from copper plate to earth terminal including brazing/welding at plate etc.					
iv). Supplying and laying in position 15 mm,2 mtrs G.I. B class perforated pipe for watering.					
v). S/F of one set of reducer / funnel with mesh .					
vi). S/F of the following in the earth station.					
vii) 75 Kg. Charcoal.					
viii) 50 Kg. Original Salt.					
Construction of earth pit chamber incl necessary brick work, concrete , plastering, S/F of C.I. cover of size 12" X 12" complete as per site requirement with watering arrangement etc complete.		2.00	No's.		
a Supplying and laying 25 X 3 mm copper strip direct on wall/ in ground with screws and washer including soldering / welding etc If required..		1.00	No's.		
b Supply and laying of 6.0 sqmm PVC insulated copper wire from earth station to main panel board in 20 mm GI Pipe including all materials, accessories etc complete.		55.00	Mtr		

	CABLING :				
10	LT.CABLES :				
	Supply,laying ,testing and commissioning of the following 1100 volt grade pvc insulated Al / Cu. Conductor armored cable inner and outer sheathed , along with the two run of G.I.earth wire i/c termination with brass gland and Al. lugs etc. complete as required.				
	On surface :				
	S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing trench etc incl. s/f of saddles / spacers (wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making good all the damages.				
a	4 C x 10.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for Electric room /Ups room.	65.00	Mtr		
b	3.5 C X 35 sqmm. Al. Armored .(with 10 SWG 2 Nos. G.I. wire) from electric pole to METER ROOM.	30.00	Mtr		
	TELEPHONE WIRING / CABLING SYSTEM.				
11	E-DG Set Supply				
	S/laying of 3.50 x 25sq.mm XLPE Insulated armored Copper Conductor cable from proposed DG set to Changeover switch including its connections at both ends with lugs to be laid in 25mm dia rigid PVC flexible conduit.	25.00	Mtr		
12	100 amps change over switch of Havels make	1.00	No's.		
13	TELEPHONE POINT :				
	Supplying, Installation, testing and commissioning of the telephone point with the followings -				
i).	Two pair, 0.61 mm dia. telephone cable tinned copper conductor, P.V.C. insulated and sheathed , fire retarding, anti termite, color coded twisted pairs and rip cord.				
ii).	HMS Pvc pipe on beam /column / wall / floor etc with all necessary materials i/c connections, identification by numbering etc complete as required as per I.T.D. specification.				
a	Double outlet with shutter modular type Telephone Outlets (RJ - 11) with suitable size PVC modular boxes complete as required .	1.00	No's.		
b	Single outlet with shutter modular type Telephone Outlets (RJ - 11) with suitable size PVC modular boxes complete as required .	3.00	No's.		
c	Providing and fixing 10 pair KRONE make telephone tag block with 10 pair module with termination and crimping complete and making good the surface as required/ directed.	4.00	No's.		
d	Providing and fixing 10 pair armored tinned copper telephone cable in 32 mm PVC conduit from telephone utility junction box.	65.00	Mtr.		
14	COMPUTER CABLING SYSTEM.				
i)	Supplying, Installation, testing and commissioning of the Computer point with the followings -				
ii).	Four pair STP CAT 6 LAN cable tinned copper conductor, P.V.C. insulated and sheathed , fire retarding, anti termite, color coded twisted pairs and rip cord. (from server room switch to I/O outlet).				
iii)	HMS Pvc Pipe on beam /column / wall / floor etc with all necessary materials i/c connections, identification by numbering etc complete as required as per AI & T specification.				
a	Single outlet with shutter modular type I / O's Outlets (RJ - 45) with suitable size PVC modular boxes complete as required.	9.00	No's.		
b	Supply and Installation of following factory fabricated patch cords (STP-CAT 6) complete with connectors and boots on both sides.	7.00	No's.		
c	Two Meter length Supply and laying of Four Pair STP CAT 6 LAN cables including cost of 25mm dia 1.5mm thick PVC Conduit / Floor tucking. (Rate Only)	0.00	Mtrs.		
2	Supplying and fixing				
a	9U/12U Rack 3 side open	0.00	No's.		
b	Patch cord cat6 1 metre B/Y Color	9.00	No's.		
15	ELECTRICAL FITTINGS/FIXTURES				
i	Supply, fixing, testing and commissioning of Recess mounted decorative luminaire with LED FIXTURES with class I electrical safety, complete as required Fitting Dimensions :				
a	32-40 watts,Minimum 2800 lumens LED SQUARE size 600X600X80 mm (Approx.) : CR>80,PF>0.9	13.00	No's.		
b	14-15 w ,Minimum 850 lumens LED ROUND DOWN LIGHTER Diameter 110-165mm,CR>80,PF>0.9	10.00	No's.		
c	1 x 28w T-5 Light batten plain fitting with acrylic cover	1.00	No's.		
d	S/F of suspended/ surface mounted/ ceiling/ wall mounted 1200 mm long, 36 watt with 3600 lumen metal batten LED Tube lights complete in all respects and as per specification e.g. Crompton/ Philips/ Panasonic/ Syska make.	5.00	No's.		
e	S/F of 9 watt LED bulb with holder for pantry/ toilets of rompton/ Philips/ Panasonic/ Syska make.	2.00	No's.		
2	WALL BRACKET FAN				
a	Supply and fixing of the following fans Wall bracket fan white (400mm blade size)	10.00	No's.		

CEILING FAN					
b	Supply and fixing of CEILING FAN 1200 MM Sweep				
EXHAUST FAN:		1.00	No's.		
c	Supply and fixing of the following single phase Exhaust Fan continuously rated, capacitor start and run type, totally enclosed and ruggedly built, pre lubricated double ball bearing, copper wound, A & E class insulation, dynamically balanced, below 40 db sound level etc. Supplying & fixing of 300 dia Exhaust fans.	3.00	No's.		
TOTAL FOR ELECTRICAL AND DATA CABELING WORKS (E)					
F AIR CONDITIONING WORK					
1	Supplying, Installation & Commissioning of 3 Star Rated all copper (condenser) split AC system as spec. or approved make, including indoor & outdoor copper tubes (3 mt along with machine), drain pipes, condenser unit etc. complete as per drg, detail & instruction of Architect. Including maintenance/ service till defect liability period and warranty (one year)			Bank will Procure	
a	3.0 TR Casette unit (3 Phase)				
b	2.0 TR Single Split unit	0.00	No's.		
c	1.5 TR Single Split unit	0.00	No's.		
d	1.0 TR Single Split unit	3.00	No's.		
e	SITC of digital timer with 4 hr/8 hr option suitable for 1.5 tr /2 tr load	1.00	No's.		
	Providing & Installation of 4KVA voltage Stabilizer with range of 100 - 280V of standard make as per the approval of the Architect of (V-Guard or equivalent make). Suitable for 1.5/ 2 Tr AC	4.00	No's.		
2 Low side Work					
a	Supplying & Laying extra suitable Copper refrigerant piping with all required material.	25.00	Mtrs.		
b	Supplying & Laying extra suitable PVC Drain piping with all required material.	20.00	Mtrs.		
c	Supplying & Fixing suitable MS Stand for 1.5 tr/2 tr AC outdoor	4.00	No's.		
d	Supplying & Laying of power cable from indoor to outdoor suitable for 1.5 tr /2 tr load/AC	50.00	Mtrs.		
TOTAL FOR AIR-CONDITIONING WORKS (F)					
GRAND TOTAL AMOUNT (A+B+C+D+E+F)					
DISCOUNT% (IF ANY)					
FINAL AMOUNT AFTER DISCOUNT					
AMOUNT IN WORDS:					
Note: All quoted rates are excluding the GST.					



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LEGEND	
	SWITCH BOARD
	2'x2' LED CEILING LIGHT
	4' SQUARE/ ROUND LED CEILING LIGHT
	1xT5 TUBE LIGHT WALL MOUNTED
	15WATT LED BULB
	1xT5 TUBE LIGHT CEILING MOUNTED
	DISTRIBUTION BOARD
	SET(1DATA, 1VOICE, 3UPS, 1Nos. 5A RAW POWER)
	15A POWER POINT
	AC POINT
	5A POINT
	15A UPS POINT
	TELEPHONE POINT
	EXHAUST
	WALL FAN
	4' DIA CEILING FAN

ELECTRICAL & CEILING LAYOUT PLAN B/O BIDHUNA