



SHORT TERM TENDER NOTICE
(For Empanelled Vendors only)

**ELECTRICAL & DATA CABLING WORK IN PREMISES OF REGIONAL
OFFICE, ETAWAH**

IMPORTANT DATES

DATE OF ISSUE OF TENDER NOTICE	27.02.2025
LAST DATE AND TIME OF SUBMISSION OF TENDER	19.03.2025 up to 04:00 P.M.
DATE OF OPENING OF TENDER (FINANCIAL BID)	19.03.2025 at 04:30 P.M.

Baroda U.P. Bank
Premises & Equipment Department
Regional Office
Pakka Bagh
Etawah – 206001 (U.P.) Mob : 7509027659

Regional Manager

Date : 27.02.2025

NOTICE INVITING TENDER

Sealed item rate short term tenders are invited on behalf of the Regional Manager, Baroda U.P. Bank, Etawah Region from the Vendors having valid Empanelment with the Baroda U.P. Bank for the work of Electrical & Data Cabling work in Premises on ground floor of Regional Office at Etawah.

1. Issue of tender documents : 27/02/2025
2. Last date of receipt of tender documents : 19/03/2025 upto 4.00 PM
3. Date of opening of tender documents : 19/03/2025 at 4.30 PM
4. Place of submission & opening of tender : Baroda U.P. Bank, Regional Office, Etawah
5. Name of Architect : Gunjan & Associates (Mob: 9838818489)
6. Period for completion of work from order date : Maximum 21 days
7. Retention percentage : 10% (Ten percent) from final bill
8. Defect liability period : 12 months from the date of completion certificate issued by the Bank Architect.
9. Release of retention money : After 14 days from defect liability period.

SUBMISSION OF TENDER

The tenders are to be submitted in a sealed envelope and clearly superscribed as

"Tender for ELECTRICAL & DATA CABLING work in Regional Office" and to be submitted at Baroda U.P. Bank, Regional Office, Pakka Bagh, Etawah (UP).

ENVELOPE TO BE CONTAINED

Envelope shall contain the priced Tender Volume

GENERAL INSTRUCTIONS TO TENDERERS

1. The term "Employers" or "Bank" shall mean "Baroda U.P. Bank", or its authorized representatives at Baroda U.P. Bank, Regional Office, Pakka Bagh, Etawah.
2. The term "Architect" shall mean "M/s.Gunjan & Associates" who is the Architect Consultant to the Employer for this project & having office at 141, Sainik Nagar, Raebareli Road, Lucknow (U.P.) or its authorised representatives.
3. The term "Contractor" shall mean the successful tenderer to whom the Contract shall be awarded.
4. The "Works" shall mean the "ELECTRICAL & DATA CABLING WORK in Premises of Regional Office, Baroda U.P. Bank, Etawah (U.P.)"
5. **The Contractor should quote the rates in figures and words. Any corrections or Over-writing should be initialed by the Contractor.**
6. The Contractor should submit the tenders with seal, signature and date on each Page.
7. The Contractors should submit the cost of the main items as per tender specifications. Further modification after awarding of the contract shall be not allowed unless there is specific instruction by the Bank/Architect to change specifications.
8. The contract is time-bound and the works are to be completed within the time limit specified in the notice inviting tenders. This is a new vacant premises and the contractor has to work fastly to complete the work well in stipulated time.
9. The decision of Employer and the Architect is final and binding.

TERMS & CONDITIONS

1. Unless otherwise mentioned, all works are with no allowance for Lapse waste. Unless otherwise described or measured separately, price for all the items shall include all necessary straight & curved edges.
2. Any damage to the work before the site is handed over, is to be replaced or made good at the expense of the contractor to the entire satisfaction of the Architect/Bank.
3. Income Tax, Other Tax as applicable shall be deducted at source as per the Income Tax Act / Rules.
4. The quantities indicated are subject to change. The payment of the bill shall be made as per the actual measurement as certified by the architect but not exceeding the total value quoted in the tender form.
5. The Architect or any officer of the Employers will be free to inspect the work at the site during the period of execution. Any suggestion of change or modification to improve the quality of work will be carried out subject to prior approval of the competent authority of the employers and that of the Architect.
6. In case of failure to take up the work even after accepting the work order, or leaving the work incomplete, or for defective work not rectified, or violation of the terms and conditions, the contractor will be de-panelled/blacklisted.
7. For any item of work not covered or any unforeseen items of work, payment will be made according to the rates approved for similar nature of work, the costing done by the Architect, as per current PWD schedule of rates, or as per analysis of material cost, labour rate and profit to the Contractor at 10%. The Contractor must obtain prior approval in writing before undertaking such additional works.

8. The tenderers shall sign each & every page of the tender documents including the drawings attached here to.
9. The amount is to be quoted in figures as well as in words. In case the rates quoted in words and in figures are in variance, the amount written in words shall be taken as final.
10. The Contractor shall make their own arrangement at their own cost for storing materials, plants, tools etc. The employers will not be liable for security of the Contractor's materials.
11. No tools or plants will be issued by the bank.
12. The Employer / Architect reserves the right to accept or reject any tender without assigning any reason whatsoever and the said decision shall be final and binding upon the tenderer.
13. In case of breach of contract by the Contractor for slow progress of works or any other claim of damage, the Employer or the Architect may have the power to rescind the contract without completion further reasons thereof.
14. The Architect shall have the power to ask the contractor to furnish the sample/ color / test certificate from any Govt. /Authorized agent for any materials used/ to be used in the Works, the expenditure of which is to be borne by the Contractor.
15. The Employer shall be not be liable for any damages or compensation payable as a consequence of any accident or injury to any workman or other persons in the employment of the Contractor or any sub-contractor.
16. On completion of the Works, all rubbish, debris, materials, tools, Laborers, etc. to be removed by the contractor from the site and the contractor will hand over the site clean & clear & in usable condition within 3 days of completion of the works. Failing this, the employer may
17. Dispose the materials at the cost of the contractor.
18. In case of any dispute, the matter will be referred to the Regional Manager, Baroda U.P. Bank, Regional Office, Pakka Bagh, Etawah (UP).
19. Final Payment after completion of Project will be done with the certificate of Architect with deduction of retention money by the Bank.
20. The rates quoted in the tender shall exclude GST but include all excise tax, octroi & other taxes, no escalation of rates will be allowed under any circumstances.

ARCHITECT

AR. Gunjan Kapur
141, Sainik Nagar,
Raebareli Road,
Lucknow (U.P.)
MOBILE NO.- 9838818489

Gunjan and Associates
Architects, Engineers, Interiors
& Landscape Designers

141, Sainik Nagar, Raebareilly Road, Lucknow-226002

Phone: 0522-3553324, 9839018489, 9838818489

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Bill of Quantity for Electrical & AC Piping works for Baroda U.P. Bank

At Regional Office Etawah

S.No.	Particulars	Unit	Qty.	Rate	Amount
	The work shall also include for cutting chase for conduits and moulded boxes, if required, in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 750mm interval & finally finishing the surface & matching the same with the existing surface. Item 1,3, 4 & 5				
	The rate should include the cost of all materials, modular switch complete with MS box & cover plate, labour, T&P, taxes & levies, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc				
	L&F Point Wiring, Circuit wiring & Power Point wiring				
	L & F Points				
1	Primary Point Wiring for light points controlled thru modular switches complete with boxes & cover plate - The point wiring shall be carried with 3*1.5sq.mm FRLSH stranded Cu. Wires in 20mm PVC conduit pipe concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. The job shall include cost of circuit wiring with 3*1.5sq.mm FRLSH Cu stranded wires in 20mm OD PVC Pipe from nearest TPN Db to controlling SDb. The job shall be complete & to the entire satisfaction of the Bank. Each Switch board should be provided with suitable capacity fuses/ fuse indicator	Point	58.00		
2	Secondray Light Point				
	Same as above but looped from PP with 3*1.5sq.mm FRLSH stranded Cu. Wires in 20mm PVC conduit pipe concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. The job shall be complete & to the entire satisfaction of the Bank.	Point	50.00		
3	6 A switch socket points on Sdb: S/F of 6A switch points with an additional indicator and 6Amp. modular Type switch & socket. It shall have 3*1.5sq.mm FRLSH stranded Cu. Wire as per requirement. The job shall be complete & to the entire satisfaction of the Bank.	Point	14.00		
4	Point Wiring for wall fan points controlled thru modular switches complete with boxes & cover plate - The point wiring shall be carried with 3*1.5sq.mm FRLSH stranded Cu. Wires in 20mm PVC conduit pipe concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. The job shall also included S/F of 6A switch socket near wall fan for regulating the same. The job shall include cost of circuit wiring with 3*1.5sq.mm FRLSH Cu stranded wires in 20mm OD PVC Pipe from nearest TPN Db to controlling SDb. The job shall be complete & to the entire satisfaction of the Bank. Each Switch board should be provided with suitable capacity fuses/ fuse indicator	Each	23.00		
5	Point Wiring for Ceiling fan points controlled thru modular switches complete with boxes & cover plate - The point wiring shall be carried with 3*1.5sq.mm FRLSH stranded Cu. Wires in 20mm PVC conduit pipe concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. The job shall include cost of circuit wiring with 3*1.5sq.mm FRLSH Cu stranded wires in 20mm OD PVC Pipe from nearest TPN Db to controlling SDb. The job shall be complete & to the entire satisfaction of the Bank. Each Switch board should be provided with suitable capacity fuses/ fuse indicator	Each	2.00		

6	Point Wiring for exhaust fan points controlled thru modular switches complete with boxes & cover plate - The point wiring shall be carried with 3*1.5sq.mm FRLSH stranded Cu. Wires in 20mm PVC conduit pipe concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. The job shall also included S/F of 6A switch socket near wall fan for regulating the same. The job shall include cost of circuit wiring with 3*1.5sq.mm FRLSH Cu stranded wires in 20mm OD PVC Pipe from nearest TPN Db to controlling SDb. The job shall be complete & to the entire satisfaction of the Bank. Each Switch board should be provided with suitable capacity fuses/ fuse indicator	Each	5.00		
LOM	PVC Insulated FRLSH Copper wire (ISI Marked)- Skyline/ Finolex/ Havells/ Polycab				
	PVC Conduit- CAP/ BEC/ Sieko/ AKG				
	Modular Switch/ Sockets - ABB/ Legrand/ MK/ Anchor/ Elleys/ Roma				
	<u>Power Point Wiring</u>				
1	Primary Power Point: Raw power points on workstations / table / Printer etc using 3*4 Sq.mm FRLSH Cu. stranded wire laid in 20mm OD PVC pipe medium conduit pipe laid & concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. Each power point shall also consists of 1 nos of 16A , 2/3/5 pin sockets & 1 No., 16A Switch , wired together forming one point. The earth wire of green color only.	Point	23.00		
2	Secondary Power Point: Raw power points on workstations / table / Printer etc using 3*4Sq.mm FRLSH Cu. stranded wire laid in 20mm OD PVC pipe medium conduit pipe laid & concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. Each power point shall also consists of 1 nos of 16A , 2/3/5 pin sockets & 1 No., 16A Switch , wired together forming one point. The earth wire of green color only. Secondary P to b einterlooped with Primary PP. Maximum length 6m. Total 18nos. - 5+ 8+ 5	Point	18.00		
	LHS 5nos. - 1 ckt for RM, 4 ckts for 3PP each row for 6 officers on work station				
	RHS 8nos. - 1 Pantry+ 7 ckts for 14 officers o/s CR				
	CR - 5nos. - 1 for screen, 4 for 3pp each front & rear side				
LOM	PVC Insulated FRLSH Copper wire (ISI Marked)- Skyline/ Finolex/ Havells/ Polycab				
	PVC Conduit- CAP/ BEC/ Sieko/ AKG				
	Modular Switch/ Sockets - ABB/ Legrand/ MK/ Anchor/ Elleys/ Roma				
	<u>Air - Conditioning</u>				
1	AC Point: Providing AC points with circuit wiring with 3*4sq.mm FRLSH Cu stranded wires to be laid in 20mm PVC medium concealed in wall/ floor/ panelling/ partitions as per requirement. Each point consisting of 1 nos of 20/25A , 3/5 pin sockets & 1 No. Single module 32/25A MCB, 1 Nos 25A Motor starter switch wired together forming one point. The earth wire of green color only. The above includes supply & fixing modular cover plates, base plates, PVC box/ Gang box in brick wall by making necessary chase/ recess and making good damaged surface including proper connections. The job shall be complete & to the entire satisfaction of the Bank.	Each	3.00		
	PVC Insulated FRLSH Copper wire (ISI Marked)- Skyline/ Finolex/ Havells/ Polycab				
	PVC Conduit- CAP/ BEC/ Sieko/ AKG				
	Modular Switch/ Sockets - ABB/ Legrand/ MK/ Anchor/ Elleys/ Roma				
2	Wiring with 3*4.0sq.mm FRLSH stranded Cu. wires laid in 20mm OD PVC/ flexible pipe heavy duty laid on floor & concealed in wall/ floor as per requirement to various voltage stabilizers. The job includes making connections at both ends with proper size of lugs to the entire satisfaction of the Bank.	m	10.00		
	PVC Insulated FRLSH Copper wire (ISI Marked)- Skyline/ Finolex/ Havells/ Polycab				
	PVC Conduit- CAP/ BEC/ Sieko/ AKG				
3a	S/F of 2way SPN Db metallic c/w 40A 2P MCB for 2TR cassette AC out door unit complete in all respects	Each	1.00		
3b	S/F of 2way SPN Db metallic c/w 63A 2P MCB for 3TR cassette AC out door unit complete in all respects	Each	4.00		

4	S/ laying of XLPE insulated armoured Copper Conductor cable including cost of lugs, cable glands for Cassette OD units				
a	3c x 4sq.mm for 2 TR AC (P+N + E)	m	25.00		
b	3c x 6sq.mm for 3TR AC (P+N + E)	m	90.00		
	<u>UPS</u>				
	<u>(Assumed 2nos. 7.5KVA UPS - 1P Input & 1P Output</u>				
1	Incoming supply to UPS room: S/laying of 4 core 6sq.mm XLPE insulated armoured Copper conductor cable from main Panel to 4way TPN Db in the UPS room to be laid in medium duty 20mm PVC conduit/ pipe & run on surface or concealed in wall/ floor/ false ceiling including connections at both ends with lugs. Cables Armoured/ Unarmoured - Finolex/ Polycab/ Havells/ RR Kabel/ KEI	m	30.00		
3	S/ F of 4way SPN Db metallic c/w 63A 4P MCB including all connections complete in all respects to the entire satisfaction of the Architect/ bank. <u>Db Body to be properly earthed.</u>	Each	1.00		
4	S/ F of 2way SPN Db metallic c/w 63A 2P MCB including all connections complete in all respects to the entire satisfaction of the Architect/ bank. <u>Db Body to be properly earthed.</u>	Each	2.00		
5	Supply & laying of incoming & outgoing wiring to & from UPS with 3*6sq.mm Copper <u>unarmoured cable</u> laid in 20/25 mm flexible PVC pipe for medium duty for UPS incoming & from UPS outgoing. PVC Insulated FRLSH Copper wire (ISI Marked)- Skyline/ Finolex/ Havells/ Polycab PVC Conduit- CAP/ BEC/ Sieko/ AKG	m	10.00		
6	UPS Output Db in UPS Room - S/ F of 12way SPN Db complete with 80A 2P MCB as incomer and 4*32A DP for UPS distribution + 1*25A DP MCB's for FDAS & CCTV as outgoing feeders including proper connections thru lugs. The job shall be complete & to the entire satisfaction of the Bank. <u>Db Body to be properly earthed.</u>	Each	1.00		
7	UPS Output Distribution Boards				
a	For LHS RM, SM & LHS 6 officers - Location on LHS wall near door- S/ F of 12way SPN Db c/w 32A DP 10kA MCB and 3*6A SP MCB + 1*16A SP MCB for twin CP in RM + 2*20A SP MCB for 3 CP nodes/ ckt for 6 officers) for twin CP complete in all respect and as required & to the satisfaction of the bank. <u>Db Body to be properly earthed.</u>	Set	1.00		
b	For RHS 14 officers o/s Conference room in hall - Location on Rear UPS wall in Hall - S/ F of 12way SPN Db c/w 32A DP 10kA MCB and 7* 10A SP MCB (2 CP nodes/ ckt) for 14 officers o/s Conference room in hall complete in all respect and as required & to the satisfaction of the bank. <u>Db Body to be properly earthed.</u>	Set	1.00		
c	For Conference Room- Location on RHS wall near pillar in department- S/ F of 8way SPN Db c/w 32A DP MCB and 3*6A SP MCB FOR 3 CP on table complete in all respect and as required & to the satisfaction of the bank. <u>Db Body to be properly earthed.</u>	Set	1.00		
d	For FDAS, Router & CCTV - Location near Router- S/ F of 8way SPN Db c/w 32A DP MCB and 2*16A DP MCB for CCTV+ FDAS + 2*6A SP MCB for 2 router points complete in all respect and as required & to the satisfaction of the bank. <u>Db Body to be properly earthed.</u>	Set	1.00		
	Distribution Boards Double door in steel sheet housing - ABB/ MDS/ Lexic/ Siemens/ HPL				
	MCB- 10kA "C" Characteristics L&T/ Siemens/ Schneider/ Legrand				
8	Supply & laying of incoming wiring from UPS Db in UPS room to UPS output Db near cash cabin with 3*2.5 sq.mm FRLSH stranded Cu. Wires laid in 20/25 mm flexible PVC pipe medium duty complete in all respects PVC Insulated FRLSH Copper wire (ISI Marked)- Skyline/ Finolex/ Havells/ Polycab PVC Conduit- CAP/ BEC/ Sieko/ AKG	m	65.00		

9	Supply & Installation of point wiring for UPS power plug points on workstations / table for computers using 3*1.5 Sq.mm copper conductor multi stranded FRLSH wire pulled through floor raceways/conduit and taken upto table top using PVC rigid or flexible conduits run within wooden/metal partitions. Each point consisting of 3 nos of 6A , 2/3 pin sockets & 1 No., 16A Switch wired together forming one point. The earth wire of green color only.	Each	28.00		
	PVC Insulated FRLSH Copper wire (ISI Marked)- Skyline/ Finolex/ Havells/ Polycab				
	PVC Conduit- CAP/ BEC/ Sieko/ AKG				
	Modular Switch/ Sockets - ABB/ Legrand/ MK/ Anchor/ Elleys/ Roma				
4	<u>DISTRIBUTION MAINS</u>				
1	S/F of 125A FP MCCB 25kA with adjustBLE O/C and S/C realy in SS (Steel Sheet) enclosure including proper connections complete as required.	Each	1.00		
	MCCB- Legrand/ Schnider (MG)/ ABB/ Siemens/ L & T				
2	<u>Main Incoming Panel</u>				
	SITC of main distribution board panel fabricated of 18swg (powder coated) comprising of	Each	1.00		
	Indicator lamps 3 nos.				
	Voltmeter & ammeter (one each) c/w rotay switches and CT's for Ammeter				
	Busbar 1nos. - (each of RYB +N) Copper 160A each				
	Incomer - 125A FP MCCB adjustable O/L & S/c 25kA				
	<u>125A 4P Changeover outside Panel - Item 3 below</u>				
	<u>Outgoing</u>				
	<u>UPS supply of be tapped from inside of incomer MCCB., so that UPS gets continuous supply even if incomer MCCB is in OFF position.</u>				
	100A FP MCCB for UPS				
	<u>From Main Bus</u>				
	4* 63A FP MCB- LHS, RHS & CR VTPN Db + 1 spare				
	5*63A DP MCB for 4*3TR cassettes + 1 spare				
	2*40A DP MCB for 1*2TR cassettes + 1 spare				
	2*32A DP MCB for signage and 1 spare				
	Earth bus bar 25x5mm GI strip - At the bottom				
LOM	Ammeter, Voltmeter- AE/ L&T/ Meco/ Rishab				
	Selector Switch, Push Button switch/ Emergency switch- Kay Cee/ L&T/ Siemens/ Schnider				
	Indication Lamps- AE/ L&T/ Siemens/ Schnider				
	CT's- L&T/ AE/ Kappa				
	AT's- L&T/ Siemens/ Schnider/ Legrand				
	MCCB- Legrand/ Schnider (MG)/ ABB/ Siemens/ L & T				
	MCB- 10kA "C" Characteristics L&T/ Siemens/ Schnider/ Legrand				
3	<u>Changeover:</u> S/F of 125A 4P changeover in SS enclosure near panel for regulating DG set supply including proper connections.	Each	1.00		
	Changeover Switch- C&S/ Havells/ L&T/ HPL				
4	S/ laying of XLPE insulated armoured Aluminium Conductor cables including cost of lugs, cable glands etc. The cable should be laid on surface with proper clamps @750mm or laid & concealed in wall/ floor/ PVC Conduit/ false ceiling complete in all respect. The work also includes cutting chases for conduits in the wall/ floor (Without damaging the building) along with clamping the cable. All connection shall be done thru proper size of lugs				
	3.5c 50sq.mm for Pole & fuse Kit Kats	Metre	30.00		
LOM	Cables Armoured/ Unarmoured - Finolex/ Polycab/ Havells/ RR Kabel/ KEI				
	Cable Lugs- Dowells				
5	S/ laying of XLPE insulated armoured Copper Conductor cables including cost of lugs, cable glands etc. The cable should be laid on surface with proper clamps @750mm or laid & concealed in wall/ floor/ PVC Conduit/ false ceiling complete in all respect. The work also includes cutting chases for conduits in the wall/ floor (Without damaging the building) along with clamping the cable. All connection shall be done thru proper size of lugs				
	4c x 16sq.mm for VTPN Db's	Metre	80.00		
LOM	Cables Armoured/ Unarmoured - Finolex/ Polycab/ Havells/ RR Kabel/ KEI				
	Cable Lugs- Dowells				
6	Supply, installtion, testing & commissioning of TPN Db complete in all respects for AC, PP & LF as under				
a	4way VTPN Db for Conference room double door - Location Front side wall near pillar - (Cassette AC supply from Panel)	Each	1.00		
	Incomer - 63A FP MCB				

	2*25A SP MCB - (Primary PP+ 2 looped secondary PP) - 2ckts for 3 PP on RHS wall & front side wall & partition				
	1*20A SP MCB - (Primary PP+ looped secondary PP) - 1 for screen				
	4*16A SP MCB - 1 RHS Wall + 3* CR Table				
	4*10A SP MCB for L & F				
	1*Blanking Plate				
	All connection shall be done thru proper size of lugs				
	<i>Db Body to be properly earthed.</i>				
b	LHS 6way VTPN Db from Front to rear toilet area - Location LHS Wall near pillar	Each	1.00		
	Incomer - 63A FP MCB				
	3*32A SP MCB - RM. 1 officer o/s RM & LHS rear				
	2*25A SP MCB - (Primary PP+ 2 looped secondary PP) - 2ckts for 6 officers on LHS rear side (3 PP per ckt)				
	1*20A SP MCB - (Primary PP+ looped secondary PP) -1 RM				
	3*16A SP MCB - 1 toilet RM+ 2 for router				
	4*10A SP MCB for L & F				
	3*6A SP MCB for L & F				
	2*Blanking Plates				
	All connection shall be done thru proper size of lugs				
	<i>Db Body to be properly earthed.</i>				
c	RHS 4way VTPN Db for RHS area + pantrv + record room - Location RHS pantrv wall	Each	1.00		
	Incomer - 63A FP MCB				
	1*25A SP MCB - (Primary PP+ 2 looped secondary PP) - 1ckts for 2 Pantry PP+ 1 for D/w in pantry (3 PP/ckt)				
	7*20A SP MCB -(Primary PP+ looped secondary PP)- 7 for 14 officers o/s CR				
	4*10A SP MCB for L & F				
	Blanking Plates - NIL				
	All connection shall be done thru proper size of lugs				
	<i>Db Body to be properly earthed.</i>				
LOM	Distribution Boards Single/ Double door in steel sheet housing - ABB/ Legrand/ Siemens/ HPL				
	MCB- 10kA "C" Characteristics L&T/ Siemens/ Schnider/ Legrand				
7	Glow sign Board - Circuit wiring with 3* 2.5 sq.mm FRLSH stranded Cu. wires laid in 20 mm PVC pipe heavy duty laid & concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. The job shall be complete & to the entire satisfaction of the Bank.	m	12.00		
	PVC Insulated FRLSH Copper wire (ISI Marked)- Skyline/ Finolex/ Havells/ Polycab				
	PVC Conduit- CAP/ BEC/ Sieko/ AKG				
8	Timer - Supply of 40 A SP 230 V analog time switch panel(TIMER), in manufacturer sheet steel panel, fully prewired with all components like time switch, MCB, contactor, selector switch, indicating lamp.(1 for sign board)	Nos.	1.00		
	Timers- L&T/ Legrand/ Schnider/ Siemens/ GE				
5	DG SET SUPPLY				
1	S/laying of 3.5c 50sq.mm XLPE insulated armoured Aluminium Conductor cable with 8swg GI wire 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	m	20.00		
LOM	Cables Armoured/ Unarmoured - Finolex/ Polycab/ Havells/ RR Kabel/ KEI				
	Cable Lugs- Dowells				
6	EARTHING				
1	S/burying of Dual pipe technology (Pipe in Pipe) earthing electrode having GI 80mm O/D pipe with 25 micron coating, 3metres long. The job also includes S/F of GI strip clamp with two holes (with SS/GI bolts & nuts) on the electrode & taking one lead of 4sq.mm Cu Stranded wire upto Main panel complete in all respects with guaranteed E/N voltage of less than 2 volts and resistance less than 1 ohms. The 4sq.mm Cu stranded wire shall be terminated on a separate 6way earthlink. The connections for Panel earthing & earth bus in the panel should be taken from this earthlink. (1for power system &1 for UPS). The distance between two earthing pits to be 10ft or more.	Job	2.00		
2	Supply & Fixing of 4sq.mm FRLSH Cu. Stranded wire on surface or in recess for loop earthing as required earthing to Db's or main panel as required.	m	30.00		
	PVC Insulated FRLSH Copper wire (ISI Marked)- Skyline/ Finolex/ Havells/ Polycab				
3	S/F of G I Strip earth clamp	Each	2.00		
7	SUPPLY & FIXING LIGHT & FAN ITEMS				
1	S/F of Energy efficient recessed mounted LED luminaire - 32w LED recessed mounted 2'X2' luminaire suitable for grid ceiling with indirect lighting - soft and uniform light - Make as approved by Bank/ architect	Each	42.00		
	Light fittings - Philips/ Wipro/ Osram/ Havells/ Crompton Greaves				

2	S/F of recessed LED downlighter - 15w LED recessed mounted high performance low-height LED downlighter c/w robust PDC housing complete in all respects- Make as approved by Bank/ architect Light fittings - Philips/ Wipro/ Osram/ Havells/ Crompton Greaves	Each	43.00		
3	S/F of Surface & wall mounted LED batten - Ultra-slim poly carbonate decorative LED batten with inbuilt heat sink, anti glare polycarbonate diffuser & energy efficient electronic driver 20W 1800 lumens - Make as approved by Bank/ architect Light fittings - Philips/ Wipro/ Osram/ Havells/ Crompton Greaves	Each	10.00		
4	S/ F of 2*18w LED Highly robust Industrial Box type Luminaire c/w 2nos. 18w LED tubes complete with in built driver, Double sided connection suitable for Surface, Wall and Conduit mounting c/w 2 nos. 20mm metallic conduit pipe for hanging complete in all respects. Light fittings - Philips/ Wipro/ Osram/ Havells/ Crompton Greaves	Each	1.00		
5	S/F of 6000/6500 K,(≥480lumens) Sleek slim Surface mounted 7w/8w LED downlight complete in all respects - Make as approved by Bank/ architect Light fittings - Philips/ Wipro/ Osram/ Havells/ Crompton Greaves	Each	4.00		
4a	S/F of Angle holder Anchor make c/w 8w LED bulb complete in all respects - Make as approved by Bank/ architect	Each	0.00		
5	Wall Mounted 80/100 watt metal body Fan - 450mm, 1500RPM complete in all respects - Make as approved by Bank/ architect	Each	23.00		
6	S/F of 5 star energy efficient BLDC ceiling fan 1200mm complete with all accessories. Crompton/ Atomberg/ Bajaj/ Usha make or any equivalent make as approved by Bank/ architect Fans- Crompton/ Havells/ Bajaj/ Usha	Each	2.00		
7	S/F of 5star energy efficient BLDC exhaust fan 250mm sweep Atomberg/ Havells/ Crompton/ Bajaj or any equivalent make as approved by Bank/ architect Fans- Crompton/ Havells/ Bajaj/ Usha	Each	5.00		
8	Supply & Fixing of chime bells as approved by Architect Anchor/ Havells	Each	2.00		
8	<u>Telephone system</u>				
1	S/F modular telephone jack single with shutter outlet (RJ-11) with mounting box & front plate complete with chase cutting, mending good etc. as required including Supply & laying of 2 pair unarmoured 0.61mm dia. PVC insulated twisted pairs bunched together telephone cables through rigid 20mm dia PVC conduit as directed by the Bank/ Architect from telephone junction box to telephone socket outlet including interconnection as required complete in all respects. Telephone Wire -Delton/ Skyline/ Finolex/ Rallison/ Batra Henley	Each	9.00		
2	10 Pair Tag box Telephone Tag Blocks- Krone/ Pouyet/ TVS	Each	1.00		
3	MDS Box MDS box - Krone/ Pouyet/ TVS	Each	1.00		
Total Cost of Electrical works					
DATA CABLING					
1	Supplying and laying D-link make CAT-6e Cable in PVC 20mm dia OD medium conduit complete with <u>CAT-6 information outlet with plate & surface Box</u> at work tables marked as DP PVC Conduit- CAP/ BEC/ Sieko/ AKG Cable - Digi Link/ Clipser/ National/ Polycab/ Lapp/ Finolex I/O- DigiLink/ Tyco (AMP)/ Schnider/ D- Link	Point	28.00		

2	S/ F of 7ft Grey colour Patch chord Patch Chord- DigiLink/ Tyco (AMP)/ Schnider/ D- Link	Each	28.00		
3	S/ F of 3ft Grey colour Patch chord Patch Chord- DigiLink/ Tyco (AMP)/ Schnider/ D- Link	Each	28.00		
4	S/F of 24 Port Patch Panel complete in all respects Patch Panel- Brocade/ Cisco/ DigiLink/ 3 Com/ Nortel/ Foundary/ D- Link	Each	2.00		
5	S/F of 24 Port switch complete in all respects Switch- Brocade/ Cisco/ DigiLink/ 3 Com/ Nortel/ Foundary/ D- Link	Each	2.00		
6	Supply & Fixing of wall mounted rack 8/9U with glass perforated front door and removable rear locking door, Mounting Hardware pack, Fan assembly - Cable entry from rear complete in all resoects Racks- Com Rack/ HCL/ Val Rack/ APW President	Each	1.00		
7	Supply & fixing of 1U - PVC cable Manager with cover Cable Manager - Krone/ Pouyet/ TVS	Each	2.00		
<i>Total for Data/ LAN Cabling</i>					
TOTAL FOR ELECTRICAL & DATA CABLING (A)					

Air-Conditioning Piping Works

Note:-

1. Each vendor to specify the Make of A.C. they propose to supply.
2. Common drain pipes of Cassette / Split A.C.'s be terminated in any toilet Nahni traps OR else be terminated from external wall up to ground. AC's with COPPER Condenser & Evaporator coils only to be supplied.
3. Pl. enclose Technical Brocher of quoted A.C.'s.
4. As built layout drawing of Refrigerant & Drain Piping has to be attached with Final Bill.

Blue Star, Daikin, Carries. AC's with COPPER Condenser & Evaporator coils should only be supplied.
Only one of these Makes to be quoted.

Pl. enclose Tech. Brocher of the quoted Cassette/ Split A.C.

ALL NEW A C'S TO BE OF INVERTER TYPE

All a.c.'s to be inverter type.					
S.No.	Particulars	Unit	Qty.	Rate	Amount
1	Drain Water Piping Constructed out of PVC Hard Pipes, fitting, accessories, bends, elbows, tees, hanger, support, anchors, ISI approved Finolex/Prince Make (32mm) CORE CUTTING AND REPLASTERING COMPLETE IN ALL RESPECT	RM	65.00		
2	Rate for Extra Piping (Rate above 10Feet pipe which will be free with each unit) Ref.Piping(Only single distance will be measured between Indoor & Outdoor Units)				

a	Copper Piping Refrigerant along with insulator Piping for Hi Wall 2.0/1.5 ton, 1/2 and 1/4 Soft Copper Refrigerant piping with complete fitting, elbows bends supporting arrangements Nissan, Merchant, MET tube, Totaline tube, pressure tested tube and S.I.T.C. of 12.5 Sq.mm. & 6.25 Sq.mm. dia. Copper refrigerant pipe with foam insulation between Indoor & Out door units with breaking of wall for making hole wherever required For Split Air- Conditioners. And S.I.T.C. of 19 mm dia & 16 mm dia Copper Refrigerant Pipes with Foam insulation between Indoor & Out door units with breaking of wall wherever required for 2-3 Tr Cassette/ Inverter Air conditioners.	Rm	110.00		
b	S.I.T.C. of 4 core Copper conductor flexible cable between Indoor & Outdoor Unit through holes made as above	Rm	110.00		
B	Total AC Piping Works (B)				
	Total (A+B)				

Note: All rates are excluding G.S.T.

For GUNJAN & ASSOCIATES

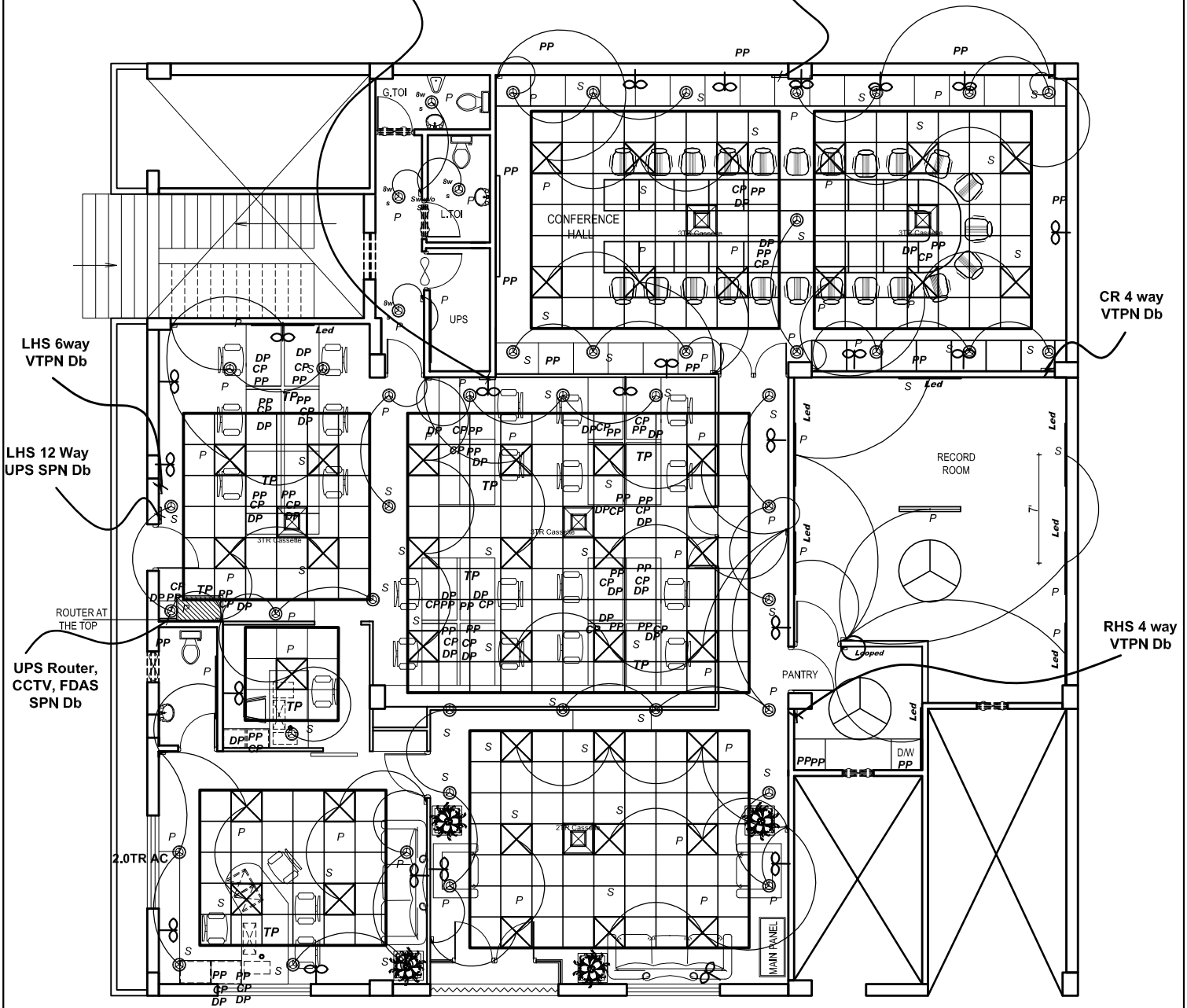
 (Ar. GUNJAN KAPUR)
 PROPRIETOR

Ar. Gunjan Kapur

For M/s Gunjan & Associates

Hall 12 Way
UPS SPN Db

Hall 8 Way
UPS SPN Db



**Db & AC LOCATIONS
TO BE APPROVED BY
ARCHITECT**

PROJECT:-

**ELECTRICAL PLAN FOR
BARODA UP BANK
REGIONAL OFFICE
MANIKPUR TIRAHA
GWALIOR BAIPASS ETAWAH**

DRG. TITLE:-

FIRST FLOOR

NORTH:-



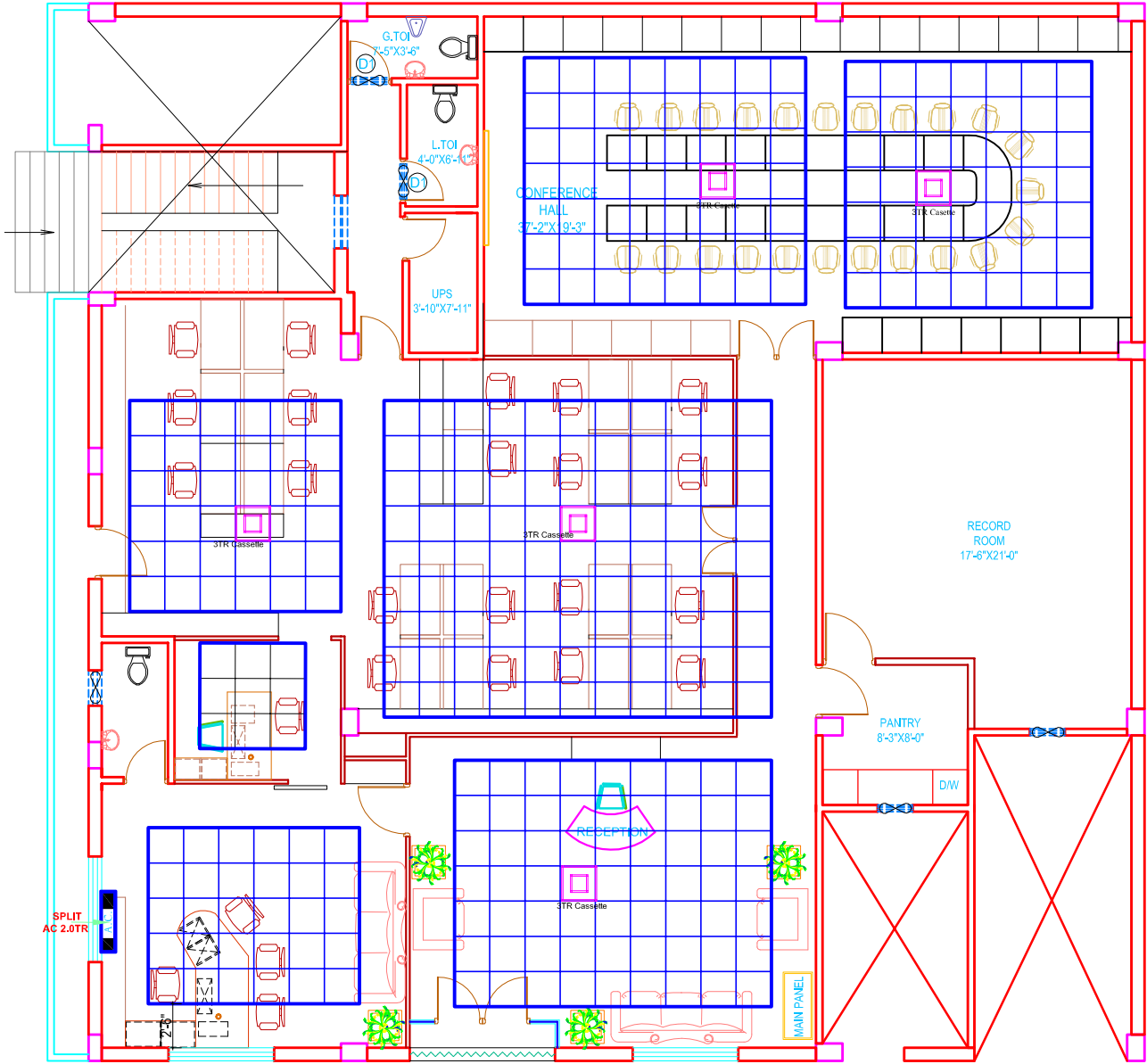
DATE:-

JAN- 2025

DRAWN BY:-

ARCHITECT:-

**GUNJAN & ASSOCIATES
ARCHITECTS, ENGINEERS, INTERIOR
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LEGENDS

SN.	SYMBOLS	DESCRIPTION	NO.
1		3TR CASSETTE	5
2		SPLIT A.C. 2.0 TR.	1

PROJECT:-

AC PLAN FOR
BARODA UP BANK
REGIONAL OFFICE
MANIKPUR TIRAHA
GWALIYAR BAIPASS
ETAWAH

DRG. TITLE:-

FIRST FLOOR

NORTH:-



DATE:-

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