

NIT Ref. COHUB: P&E: 008: DPJ:4025: 24-25 dated 03.04.2024

Notice Inviting Tender

ELECTRICAL WORKS IN NEW PREMISES OF KUNIKERA BRANCH (RAICHUR RO)

Location of the Branch/Office	KUNIKERA BRANCH (RAICHUR RO)
Eligibility of the contractor	Eligible Electrical Contractors empanelled with Circle Office: Hubballi
EMD	Exempted for Contractors Empanelled With Circle Office: Hubballi
Address for submission of sealed tenders	Circle Office: Hubballi
Last date & time for submission of sealed tenders	15.04.2024 up to 3:30 pm
Date & Time of opening of sealed tenders	15.04.2024 up to 4:00 pm
Payment terms	As per IBA norms.
Time limit for execution of work	30 days from the date of work order
Defect liability period	12 months after completion of work
Retention money towards defect liability period	3 % of final bill amount
Date of commencement of work	As per work order
Income Tax &/ other taxes	At applicable rate
Payment	After the completion of the work, as per procedure
Period for submitting final bill by contractor	Within one month from the date of virtual completion of the work
Liquidated damage for non completion of work in time	1% OF THE TENDERED AMOUNT per week and part thereof for the delayed period maximum of 10%.
Rates quoted by bidder	<p>I. The quoted rate should be inclusive of Cost of materials, transport, loading , unloading charges, cost of installation, all taxes (excluding GST), wastages, machinery, temporary works such as scaffolding, cleaning, overheads, profit, statutory expenses, incidental charges and all related expenses required for the completion of the work.</p> <p>II. Additional claims other than the quoted amount will not be entertained.</p> <p>III. The quoted rates shall be firm throughout the completion of the project</p>
Insurance	Falls under scope of contractor.
Validity of submitted tender	90 days from the opening of tenders

The sealed tender must be dropped in tender box kept at the Circle Office within the above stipulated time. Tenderers / authorized representative are requested to be present at the time of opening. Canara Bank will not be bound to accept the lowest tender & reserves the right to reject any or all the tenders without assigning any reason thereof.

Signature of Bidder with seal

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Premises & Estate Section,
Circle Office Hubballi
Centrum Building,

T: 08362-2239432/433 /434

Gokul Road, Hubballi-580030

E:pecohub@canarabank.com



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To

The Assistant General Manager,
P & E Section,
Canara Bank Circle Office,
Hubballi - 580030.

Dear Sir,

Sub: Electrical works in the premises of **KUNIKERA BRANCH (RAICHUR RO)**

I/We hereby declare that I/ We have carefully gone through the conditions laid down in the Notice Inviting Tender, General notes, General Conditions of Contract, Special conditions, Schedule of approximate quantities and rates, Form of Agreement, General Specification, Approved manufacturers/natural source of materials Technical Specifications of schedule of quantities, and clearly understood all the same and on the basis of the same I/ We have quoted our rates in the Schedule of Quantities(i.e. BOQ) attached with the tender documents.

I / We have enclosed herewith a Demand Draft of _____Bank & No. _____ dated _____ favoring **Premises & Estate Section, Circle Office, Canara Bank, Hubballi** for ₹_____ payable at Hubballi, towards E.M.D.

In the event of this Tender being accepted I/ We agree to enter into the agreement and submit the declaration on requisite non-judicial stamp papers as and when required and execute the contract according to your form of Agreement etc., in default whereof, I/ We do hereby bind my-self / ourselves to forfeit the aforesaid deposit.

I / We further agree to complete the work included in the said schedule of quantities within specified time from the date of the work order issued to commence the same.

I / We agree to pay all taxes(except GST), insurance charges as prevailing from time to time, on such items for whom same is to be levied by/ for the government, and the rates quoted by me / us are inclusive of all the same.

Once again knowing fully well the contents of this tender, I / We sign this tender on this _____Day of _____ month of 2023.

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SPECIAL CONDITIONS & INSTRUCTIONS FOR THE GUIDANCE OF TENDERER

1. The works at the branch/Office premises need to be executed duly taking care of the local bye laws/regulations of the local authorities like Police Dept, Water supply and Sanitary Board, Electricity Board, Central/ State Labor Commission etc. Necessary permissions, licenses, temporary connections if needed shall be obtained by the Contractor and Bank shall not be held responsible for any lapses.
2. The works shall be executed duly taking care of all safety measures and Bank shall be fully indemnified for any 3rd party claims, casualties, mishaps, loss of property etc. related to the undertaking & the execution of the subject work.
3. GST TAXES: As per the new Goods & Services Tax (GST) structure, the tenderers are required to have GSTIN number & Tenderers without GSTIN number are not eligible to participate in the tender process. The details as per the Annexure I attached are to be mandatorily furnished along with the tender. The eligible tenderers are requested to quote the GST separately. The taxes will be deducted at source as per the statutory requirements. While raising the bill, it shall be mentioned as bill to Canara Bank and our Bank's GSTIN number to be mentioned.
4. CANARA BANK'S KARNATAKA STATE GSTIN NUMBER is 29AAACC6106GIZX.
5. Tenderers are requested to submit the EMD in the form of crossed Demand draft only on any of the nationalized Banks/State Bank Drawn in favor of Premises & Estate Section, Circle Office, Canara Bank, Hubballi, payable at Hubballi. Tender with EMD in any other forms shall be rejected.
6. Tenderers are expected to visit the site before quoting the rates and should satisfy themselves as to the nature and conditions of work facilities available etc.
7. The tenderers are required to examine the enclosed general plan, tender form and conditions mentioned in the tender.
8. The tenderers should quote the rates in the figures. The amount for each item should be worked out and the requisite totals shall be given. The total amount shall be written both in figures and words.
9. The rates quoted in the tender shall be for measured finished works and shall include all changes including cost of materials, transportation, freight charges etc. complete.
10. The work is to be completed within stipulated time.
11. The successful tenderers shall give all necessary personal attention to the work during the process of work and also until the expiry date of "Defects Liability Periods" which is **12 months** after the date of completion of the work.
12. The bank reserves the right to reject any portion of the work or material, which is, found unsatisfactory not up to the standard.

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13. A retention amount of **3% of the bill amount** will be retained from the final bill and shall be paid to the successful tenderers after the defects liability period is over and upon the certification of the engineer.
14. Income tax deduction at prevailing / appropriate rates will be retained from each running bill which will be certified by the income tax authorities and a receipt will be given to the contractors.

CONDITIONS OF CONTRACT

1. If any additions and alterations are found necessary, the tenderers will have to do the same within the tendered rates with the prior approval of the bank.
2. The contractor shall employ adequate labor to complete the work within the scheduled time and shall make his own arrangements for housing his materials etc.
3. The contractor shall have to make his own arrangements to house his labor and staff for their services.
4. All tendered rates shall include for the cost of materials, labor, supervision, tools, plant, transportation, contingencies, duties, breakages, wastages, sundries, scaffolding, etc complete.
5. All instruction regarding the execution of the work shall be received from the officials through consultant/architect only. Any other instructions issued directly to the contractor by anyone else shall not be binding on the bank.
6. The bank shall have the power to omit or cancel any item of work without assigning any reason whatsoever and no claim for compensation for damage will be entertained for such omissions and cancellation.
7. The contractor shall maintain satisfactory progress of work as well as maintain a desired level of workmanship. If in the opinion of the bank the progress is unsatisfactory and / or the workmanship is unsatisfactory then the bank shall take possession of the work **within 7 days** to that effect. The bank shall then complete the entire work and rectify all the defects at the contractor's cost and consequences.
8. In case the bank is not satisfied with the quality of materials used by the contractors, they reserve the right to direct the contractor to procure such materials supplied from agencies they deem fit.
9. The contractors is to be responsible for clearing any, all dirt and rubbish and superfluous materials as they accumulate and everything unnecessary and to leave the premises in a clean and orderly condition on completion and fit for occupation. No extra payment shall be made for doing this.
10. Any work which is not approved by the bank shall have to be removed within 24 hours from the time of order and shall have to be redone by the contractor at his own cost and this cost will be borne by the contractor.

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11. No deviation whatsoever for any reason will be permitted, however, if any deviation becomes necessary, the same should be brought to the immediate notice of the bank and written approval must be obtained for such deviation before proceeding with the execution of work.
12. The bank has got the right to supply any materials required for the work and cost of materials so supplied will be deducted from the bills of the successful contractor.
13. The contractor shall be responsible for safe custody of his materials/materials issued to him by the bank till they are used for the work. He shall make his own arrangements for the safe custody and proper storage and preservation in sound condition till the same are actually used in the work.
14. The tenderers shall extended full co-operation to the other contractor /agencies like electrical, air conditioning, Fire & CCTV, LAN etc who are also working for the same project and co-ordinate with them in finishing the awarded work within the stipulated time given.
15. The contractor shall have a competent supervisor on the site for all the time.
16. For any new item the rate will be fixed by the bank as per prevailing fair market rate and labor which will be binding on the contractor.
17. In case the brand of materials mentioned in the tender is not available in the market, the alternate brand shall be used only after prior written approval of the bank.
18. The contractor shall be given a single electrical connection at work site. Electrical charges for consumption by the contractor will be charged separately by the bank, contractors have to provide sub-meter.
19. The successful tenderers shall not anticipate any financial help from the bank in the form of adhoc payment / advance for mobilizing and for starting the work.
20. The contractor should strictly adhere to the specifications and make of the materials, mentioned in the annexure. Any deviation will summarily reject the items of the work and not qualify for payment.
21. The successful tenderers shall be ready to carry out works between non banking hours and even at nights and holidays. The contractor should sign all the pages of the document and the same shall be submitted to us.

Acceptance of contractor for Labor laws

- The successful tenderers / Contractor shall carefully and diligently implement the provisions of the Contract Labor Act & Contract Labor Rules.
- The Bank shall be entitled to deduct from the Contract Consideration, any such amount which the Bank has to pay in accordance with the Contract Labor (Regulation & Abolition) Act 1971 and Workmen's Compensation Act, in the event of the Bank having to disburse compensation / effect any payment under the Contract Labor Acts / Rules.

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- Please note that as per rule 81(1) of Contract Labour (R&A) Rules, 1971, it is mandatory on the part of the Contractor to display the notice containing the following details at prominent place at the work site.

- a) Rates of wages.
- b) Hours of work.
- c) Wage periods.
- d) Dates of payment of wages.
- e) Names & addresses of the Labor Inspectors having jurisdiction &
- f) Date of payment of unpaid wages.

The notice containing the above details shall be displayed without fail at the work site.

1. The Contractor shall not engage any workmen for wages, less than the minimum wages prescribed under the notification issued by the Central Government.

2. The contractor should follow all labor laws/guidelines laid down by central /state government from time to time.

3. ABNORMALLY HIGH AND LOW RATED ITEMS :

For item rate tenders if, the rates quoted by the lowest bidder for certain items of the Bill of Quantities of the tender are found to be abnormally high or low in comparison to the market rate analysis of the item done by the Architects/Bank and or in comparison to Architect/Bank's method of working out market rate justification for the items, the same shall be governed as under in order to avoid financial loss to the Bank in the event of default of Bidders.

- i. For abnormally high rated items (AHR), the progressive payment shall be 80% (eighty percent) of the payment due to the Bidder against execution of the AHR item. The balance withheld 20% payment shall be released after 75% of total value of the original contract is complete in financial terms or this 20% withheld payment can be released to the Bidder on submission of an unconditional bank guarantee of equivalent amount in the proforma of Bank. Further deviation limit for AHR items shall be nil on plus side and Bank reserves the right to restrict, substitute or not execute the AHR items during execution. The decision of the Architect/Bank's Engineer in this regard shall be final and binding on the Bidder.
- ii. For abnormally low rated (ALR) items the Bidder shall submit Bank Guarantee of difference in total of amount of ALR item(s) and the total amount of corresponding items at market rate of the Architect/Bank. This bank guarantee shall be valid till completion of the project. In exceptional circumstances, the amount of Bank Guarantees (BG) may be reduced or BG released earlier than completion period if, in view of Architect/Bank's Engineer, all ALR items as provided in the contract are executed as per terms of contract and/or not required to be executed.

Notwithstanding what is contained in Para i) & ii) above, the provisions of Para (i) and (ii) shall not be applicable on tenders invited on percentage rate basis.

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The decision of the Bank on identification/ marking of AHR and ALR item are final and binding on the Bidder. In case the Bidder do not agree for furnishing of Bank Guarantee as above towards ALR items, at the time of award of works, the EMD/Performance guarantee of the Bidder shall be forfeited and decision of Architect in this regard shall be final and binding on the Bidder.

CERTIFICATE

I/ WE HAVE READ, FULLY UNDERSTOOD THE ABOVE MENTIONED REGULATIONS OF LABOUR LAWS/GUIDELINES AND ACCEPT THE SAME IN TOTO. I ALSO UNDERTAKE TO FOLLOW ALL LABOUR LAWS/GUIDELINES LAID DOWN BY CENTRAL /STATE GOVERNMENT FROM TIME TO TIME & INDEMNIFY THE BANK AUTHORITIES.

ANNEXURE I (TO BE MANDATORILY FURNISHED)

1.	Name of the Contractor under the Contract Labor (Regulation and Abolition) Act, 1970 (37 of 1970) (if applicable)	
2.	LIN / PAN No	
3.	Email Id	
4.	Mobile No.	
5.	No. & date of Certificate of Registration/ License*	
6.	Name of Person in charge of work	
7.	LIN / PAN No. of the person in charge of work	
8.	Email Id of the person in charge of work	
9.	Mobile No. of the person in charge of work	

* Please strike off whichever is not applicable

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APPROVED LIST OF MATERIALS

SL NO	ITEMS	MAKES
1	MCCB / MCB - C Curve (All 10 kA Category)	Legrand, L & T, Merlin Gerin, Hager, GE, C&S, Schneider Electric.
2	ISOLATOR	LEGRAND
3	SWITCHES , SOCKETS (MODULAR) & MODULAR BOX	LEGRAND (MYRIUS / ARTEOR) / ANCHOR-WOODS//SCHNEIDER (ZENCELO), Anchor Panasonic – Vision, M,K India Wraparound
4	CHANGE OVER SWITCH	L&T/ C&S/HPL
5	INSULATED WIRES (FRLS) CABLES	ANCHOR / FINOLEX / HAVELS/RR Kabel/Polycab
6	CABLE GLANDS & LUGS	SIEMENS
7	POWER CABLES	Finolex/ Polycab /HAVELS
8	LIGHT FITTINGS	HAVELL'S /WIPRO/ PHILIPS
9	FAN	(CROMPTON / HAVELL'S) (WHITE COLOUR)
10	16" WALL FAN	ALMONARD/ CROMPTON/HAVELLS/ USHA (WHITE COLOUR)
11	12"/9" EXHAUST FAN	CROMPTON / ALMONARD with double ball bearing only
12	DBS	Hager, Merlin Gerin, Legrand, GE, C & S
13	TIMER	LEGRAND Model: 649 915 / SIEMENS
14	ELECTRONIC REGULATORS	ANCHOR ROMA
15	CASING CAPPING	MODI'S, GEMINI with ISI MARK
16	PVC conduit Pipe White/grey colour FRLS pipes only.	Avon Plast, Precision, Polycab, G.M with ISI mark
17	G.I. B-CLASS PIPES (ISI)	ITC, PRAKASH
18	Telephone Wires/Cables	Delton, Finolex/ R.R Kabel (0.5 mm dia)
19	MEASURING INSTRUMENTS	A.E., IMP, MECCO, SIEMENS
20	DOUBLE RJ 11	ANCHOR ROMA / LEGRAND

NOTE: Any brands indicated under the items specifications in the Bill of quantities will prevail over the above indicated makes. Apart from the above makes, any further equivalent make as approved by the Bank, can also be used with prior permission from the Bank and the consultant. Samples are to be approved by Bank and the Consultant if any.

COLOUR CODING: Color coding of wires to be followed strictly and all the DB boards to be named

RED - Phase, BLACK - Neutral, GREEN - Earth

WARRANTY OF ABOVE ITEMS to be specified

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Certificate to be submitted by the contractor on completion of works

Format of Installation Test Certificate

(To be submitted by the contractor on completion of works)

- I This is to certify that work is carried out confirming to IE rules and code of practice.
- II Test report is under
- a Insulation resistance test
- | | | |
|-----|-------|--------|
| R-N | _____ | M Ohms |
| Y-N | _____ | M Ohms |
| B-N | _____ | M Ohms |
- b Load test
- | | | |
|-------------|-------------|------------|
| 5 A-1000 W | power point | 15 minutes |
| 15 A-3000 W | power point | 15 minutes |
- c Earth resistance for each electrode
- | | |
|---|------------|
| 1 | ohm |
| 2 | ohm |
| 3 | ohm |
| 4 | -N-E Volts |
- d Wiring continuity test
- e Earth continuity test
- f Certificate of makes of material used in the work
- g Circuit diagram
- h Certified that the electrification work has been carried out under the supervision of licensed electrical supervisor
- i Certified that the earthing plate / pipe has been verified and placed at correct depth confirming to IE rules.

Signature of Electrical Supervisor

Name:

License No.

Signature of Bidder with seal

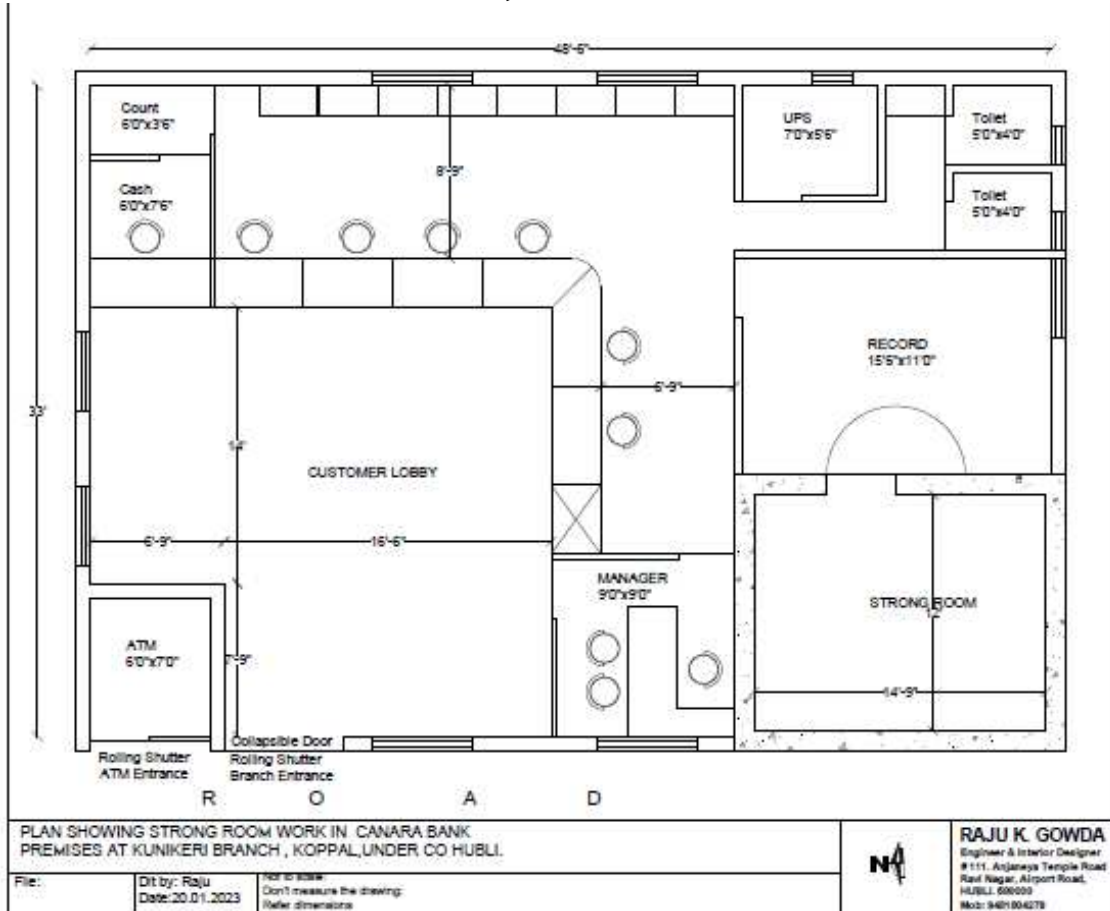
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Sl.No	Description	Unit	Qty	Rate	Amount
1	Supply & wiring of light point,6 Amp Light point,power point,ceiling fan point, exhaust fan point using 1.5 sqmm PVC insulated multistrand copper conductor of 1100 V grade FR wires for the phase neutral & earth drawn through 19 mm Dia medium gauge thick flame retardent PVC conduit with necessary accessories likes bends, junction boxes, collers,ceiling rose on the surface with surface clamps at regular intervals. The point are controlled by 6 Amp SP switch are mounted on the metal boxes covered with front plate including switch socket regulator are modular type.The rate exclusive of 2x2.5 sqmm +1x1.5 sqmm PVC insulated multistrand copper conductor of 1100 v grade.as a mains from DB to light switch board. The no of point per circuit should not exceed 10 points subjected to max 800 watt. The separate PVC conduit pipe should be laid for circuit.				
1.1	One light controled by single switch	No	35		
1.2	Two lights controled single switch	No	10		
1.3	Exast fan point controled single switch.	No	7		
1.4	Ceiling fan point controled single switch with regulator	No	6		
1.5	Wall Mounted fan point controled single switch	No	10		
1.6	Supplying and fixing 5A socket depedent switch point	point	9		
	Supply and installation of UPS lighting point controlled by 6 A modular switch.	Nos	5		
2	Electrical wiring:				
	Supply and wiring for mains, sub main for 6A power point , 16 A power point, UPS power point, AC point using PVC insulated multistrand copper conductor single core of 1100 V grade FR wires drawn through 19 mm / 25 mm dia medium gauge thick flame retardent PVC conduit with necessary accessories likes bends, junction,tee ,junction box,or 25 mm ISI marked cassing capping etc complete with flush /surface of the wall as required.				
2.1	Mains for Lighting circuit				
	2 x2.5 Sqmm +1 x 1.5 Sqmm PVC insulated multistrand copper conductor single core of 1100 V grade FR wires drawn through 19 mm dia medium gauge thick flame retardent PVC conduit (grey colour) with necessary accessories as required ..	Mtrs	150		
2.2	Mains for UPS power circuit				
	2 x2.5 Sqmm +1 x 1.5 Sqmm PVC insulated multistrand copper conductor single core of 1100 V grade FR wires drawn through 19 mm dia medium gauge thick flame retardent PVC conduit (grey colour) with necessary accessories as required .For UPS power	Mtrs	150		
2.3	Mains for AC,Sign board,Raw power Lighting DB,UPS output DB				
	2 x 4 Sqmm +1 x 2.5 Sqmm PVC insulated multistrand copper conductor single core of 1100 V grade FR wires drawn through 19 mm dia medium gauge thick flame retardent PVC conduit(grey colour) with necessary accessories as required.	Mtrs	150		

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2.4	Mains for UPS in Input & out put ,				
	2 x 6 Sqmm +1 x 4 Sqmm PVC insulated multistrand copper conductor single core of 1100 V grade FR wires drawn through 19 mm / 25 mm dia medium gauge thick flame retardent PVC conduit with necessary accessories as required.	Mtrs	130		
2.5	Mains for DB Mains and Lighting Master controll				
	4 x 6 Sqmm +1 x 4 Sqmm PVC insulated multistrand copper conductor single core of 1100 V grade FR wires drawn through 19 mm / 25 mm dia medium gauge thick flame retardent PVC conduit with necessary accessories as required.	Mtrs	130		
3	Power sockets, 6 Amp, 16 Amp,20 Amp AC sockets.				
	Supply ,installation, testing and commissioning of following power sockets, outlet housed in original GI box / PVC box and covered with switch plate complete including the inter connection the box shall be flush/surface mounted on wall as required.				
3.1	1 x 6 Amp socket (6 A 2/3 pin combine 2 Module) outlet controlled by 6 Amp SP Modular switch raw power work station,	Nos	8		
3.2	3 x 6 Amp socket (6 A 2/3 pin combine 2 Module) outlet controlled by 16 Amp SP Modular switch with indicator for UPS power work station	Nos	8		
3.3	1x 16 Amp socket (6/16 A 3 pin combine 2 Module) outlet controlled by 16 Amp SP Modular switch with indicator directly connected to VTPN	Nos	7		
3.4	20 Amp 3 pin metal clad socket with top controlled by 16/20 Amp SP MCB in factory made MS enclosure for AC socket.& 25A Socket set for AC Indoor unit	Nos	6		
4	Distribution Board				
	SITC of factory ready made distribution board double door type SPN / ETPN / VTPN DB made out of 16 G sheet with powder coated painting as per IS 13032 Universal mounting with copper busbar,neutral link, studs and inter connecting wires of 10 / 6 Sqmm for VTPN ,6 / 4 Sqmm wires for ETPN ,SPN DBs as per requirement, both sides detachable glands plate with knockout with provision to mount DP / TP / 4P MCB as incomer and SP / TP MCB as a out goings.Legrand / Havells make. All MCBs should be C curve 10 kA breaking capacity				
4.1	8 way VTPN MCB Double door DB (MAIN DB)	Nos	3		
	Incoming				
	63 Amp 4P MCB --1 No				
	Outgoing				
	40 Amp TP MCB --1 No				
	32 Amp TP MCB -- 1 No				
	10/32 Amp SP MCB -- 12 No				
4.2	UPS DB DB -8WAY SPN DB (1st DB FOR DATA RACK ,CCTV ,FIRE & Security ststem 2nd DB Computer points) (1) 32A DP-1 (2) 6/10/16A SP -6	Nos	2		
403	4 way ETPN Double door DB (AC DB/Lighting/ATM)	Nos	3		

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	Incomer : 32 A FP MCB -1 No				
	Outgoing : 16/20 A SP MCB - 6 Nos				
4.4	Supply and installation of the 32 Amp 230 V Metal clad Industrial Plug & Socket with 32 Amp DP MCB in sheet metal enclosure as UPS input & out put.	Nos	3		
4.5	Supply and installation of the 4Pole Metal enclosure with 40A 4pole Isolater for Lighting Master control	Nos	1		
4.6	Supply and installation of the 4Pole 100A Change over switch	Nos	1		
5	Earthing system				
5.1	Providing and installation of 40 mm dia B class GI pipe 2.5 mtrs long earth station complying to Is 3043 complete in all respect with excavation in all type of soil,murum or rock filling of charcoal, salt & providing watering funnel durable masonry chamber in rich plastered brick work and approved quality heavy duty CI chamber cover (450mmx450mm) etc .The earth pit identity shall be marked on the cover with paint.	Nos	1		
5.2	Providing and installation of copper plate earth station using 300x300x3mm copper plate connected along the length of pipe from bottom to top with 25 x 3mm copper strip with 40 mm dia B class GI pipe 2.5 mtrs long complete in all respect with excavation in all type of soil,murum or rock filling of charcoal, salt & providing watering funnel durable masonry chamber in rich plastered brick work and approved quality heavy duty CI chamber cover (450mmx450mm) etc .The earth pit identity shall be marked on the cover with paint. Earth station shall be installed as per IS 3043.	Nos	3		
6	Supply and laying of Copper / GI Tape / GI Wire using necessary clamps as required.				
6.1	10 SWG copper wire drawn through 19 mm Dia medium gauge thick flame retardent PVC conduit (grey colour) with necessary accessories for UPS earthing.	Mtrs	35		
6.2	6 Sqmm PVC insulated multistrand copper conductor single core of 1100 V grade FR wires drawn through 19 mm Dia medium gauge thick flame retardent PVC conduit with necessary accessories.	Mtrs	35		
6.3	300mm long 25x3 copper earth bar.	Nos	5		
7	Telephone cables				
7.1	Supplying and laying of 2 pair 0.51 mm tinned copper unarmored PVC insulated telephone wire laying in 19 mm dia medium gauge thick flame retardent PVC conduit (grey colour) with accessories etc.	Mtrs	175		
7.2	RJ 11 telephone outlet modular type	Nos	7		
7.3	10 pair crone connector box with tag	Nos	1		
8	Fixtures:				
	Supply and installation of light Fixtures, fan etc using necessary accessories such as Anchore fastener etc as required at site. The rate includes storage and handling of the fittings. .				
8.1	Supply & Installation of 33/34W 2X2 LED Light fixtures (Havells-VENUSNEOHE2X2PLR34WLED8XXS or	Nos	16		

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	CROMPTON: LCTLRNE-36-FO-CDL or Philips RC 375B30S 6500K or Equivalent models in other approved makes) including cost and conveyance of all materials, taxes and all labor charges etc., complete. Weight of the light should not be on the grid/ Gypsum ceiling. light has to be fixed with the help of GI/chain wires and to the anchored to the ceiling				
8.2	Supply & Installation of 15W LED down light fixture. (Havells:- Integra NEO15W, 857 CROMPTON: LCDRQ-15-CDL/LCDRO-15- CDL or DN296B LED15S 6500K in Philips or equivalent models in other make) including cost and conveyance of all materials, taxes and all labor charges etc., complete	Nos	10		
8.3	Supply and Installation of 20W Batten LED light fixtures SURFACE type with all interconnections and fixing arrangement as required. (LUMILINEBS18WLED857SPCWH - Havells or BN021- 21S in Philips or CROMPTON: LDL-20-CDL or equivalent)	Nos	8		
8.4	48"or 1200 mm / 42" 1050 mm Ceiling fan of Crompton Greeves High Speed model ,Havells ,Almonard make with extra down rod as required with guarantee card etc.	Nos	6		
8.5	Providing and fixing 16" of grill roto wall mounted fan in specified areas in good condition of make Crompton/Usha/ Havells with guarantee card etc, complete this rate includes cost of all materials taxes and lift to the place of work.	Nos	10		
9	Providing and fixing of Heavy duty / Light duty Exhaust fan of make Crompton Trans Air Model /almonards / Havells etc.with civil works with louvers complete this includes cost of all material, taxes lead and lift to place of work.				
9.1	12" Exhaust Fan	Nos	2		
9.2	9" Light duty Exhaust Fan	Nos	1		
10	Supply installation testing & commissioning of the 63 Amp 4 pole MCB in metal enclosure suitable to end terminate 25 Sqmm UG armoured Al cable.	Nos	1		
11	Supply and fixing of the anchore fastner required for fixing of ceiling fan as required	Nos	3		
12	Supply and fixing of the Modular type electronic step regulator for ceiling fan.	Nos	6		
13	Providing and fixing of 2.5 sqmm 3 Core pvc insulated copper flexible wire of 4 Mtr length one end connected to the 6 A 3 pin top & another end connected to switch board inside the strong room.	Nos	1		
14	Main L.T.U.G Cables				
	Supplying and laying of 1100 V grade aluminum conductor ,steel armoured /AYFY cables, the cables shall be laid on (or on the under ground and refilling the trench with bricks etc if required .) clamped on the wall or structural support using the necessary accessories the cable shall be provided with cable identification tags, as required etc complete.				
14.1	4 C X 35 Sqmm A2XFY Aluminium Cable.	Mtrs	15		
14.2	4 C X 10.0Sqmm 2XFY Copper Cable	Mtrs	15		
15	End Termination				

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	Supply and providing end termination for above cables using the brass gland and copper lugs,etc as required.				
15.1	4 C X 35 Sqmm A2XFY cable	Nos	2		
15.2	4 C X 10.0 Sqmm 2XFY cable Copper Cable	No	2		
16	Supplying and installation of flush/surface mounting of 250 mm x 150 mm x 100 - 150 depth power supply indicator box with hinged door and knobs/screws for closing the door fitted with approved make bright colour power supply indicators of Red, Yellow and Blue colour complete with all internal wiring as per requirements.	Nos	1		
17	Supplying and laying of (2 x 2.5 + 1 x 1.5 sq mm) FRLSH insulated copper conductor wires of approved make in 19/20 mm dia medium gauge rigid PVC conduit pipe with all accessories for providing any additional UPS power supply circuits if required any.	Mtr	70		
Electrical Total – PART A					
Part B: DATA Cabling Work					
1	Supplying and laying of approved make Cat - 6 category data cable as per requirement.	Mtr	220		
2	Supplying and fixing of Cat - 6 Category 1 mtr long data cable patch chords.	Nos	16		
3	Supplying and fixing of Cat - 6 Category 2 mtr long data cable patch chords.	Nos	15		
4	Supplying and fixing of cat 6, Rj - 45 single I/O point with face plate, box and all accessories and termination of wire in the data jack.	Set	12		
5	Supplying and fixing of Cat 6, Rj - 45 data dual I/O point with mounting box, face plate and all accessories and termination of wire in the data jack.	Set	2		
6	Supplying and fixing of 20 mm dia ISI mark, medium gauge Grey colour rigid PVC conduit pipe run on the surface of wall/ concealed type in the walls, floors or on the wooden interiors with all accessories using screws and pace plugs, complete with necessary chipping and making good of chipped portions as per requirement.	Mtr	85		
7	Supplying and fixing of 25 mm dia ISI mark, medium gauge Grey colour rigid PVC conduit pipe run on the surface of wall/ concealed type in the walls, floors or on the wooden interiors with all accessories using screws and pace plugs, complete with necessary chipping and making good of chipped portions as per requirement.	Mtr	80		
8	Labour charges for Installation existing networking switch in the new network rack, router, patch panel, termination of data cable in the networking rack complete with all requirements testing and commissioning of networking rack.	Set	1		

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9	Supplying and Installation 9 U Networking rack with glass door and lock along with 24 port patch panel of the make approved by the Bank with power strip with surge protector, wire manager, wiring raceways, termination of data cable in the networking rack complete with all requirements	Set	1		
Part B: Total Amount					
Supply of Equipment					
1	Supply of following high wall mounted SPLIT unit along with 5 Mtrs. Refrigerant piping & cabling, irrespective of the number of circuits & stand for the condensing unit (Suction line to be insulated with elastomeric nitrile rubber tubular insulation of 9mm thickness adhesive & joints sealed with black monsoon tape) including stabilizer & installation charges with 5 star type.				
(Make: - Voltas / Blue Star / Carrier / Hitachi)					
b	2.0 TR SPLIT UNIT	Nos	2.00		
c	1.0 TR SPLIT UNIT	Nos	2.00		
2	Installation, Testing & Commissioning of following high wall mounted SPLIT unit along with 3 Mtrs. Refrigerant piping & cabling, irrespective of the number of circuits & stand for the condensing unit (Suction line to be insulated with elastomeric nitrile rubber tubular insulation of 9mm thickness adhesive & joints sealed with black monsoon tape) including stabilizer & installation charges with 5 star type.				
(Make: - Voltas / Blue Star / Carrier / Hitachi)					
b	2.0 TR SPLIT UNIT	Nos	2.00		
c	1.0 TR SPLIT UNIT	Nos	2.00		
3	SITC of digital voltage stabilizer of suitable capacity for Air-Conditioners	Nos	4.00		
4	SITC of 12.5 Sqmm and 6.25 Sqmm dia copper refrigerant pipe with with Foam insulation between indoor and outdoor units, with breaking of wall wherever required for Split Air Conditioners	Rmt	10.00		
5	SITC of 19/25 mm PVC conduit pipe to be used as a drain water pipe. Through holes as made above	Rmt	10.00		

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6	Supply and Laying of electric control cable	Rmt	25.00		
7	SITC of L shape / suitable shape M S frame stand for mounting outdoor units on wall / roof, complete with all fixing hardware.	Nos	4.00		
8	SITC of wall mounted Digital Cyclic Timer with 30A rating, time setting from 1hour to 12 hours, suitable for two A/c's with LCD display. Make: RMG automation, Dynamic Micro Tech (2 Hours on 2 Hours Off)	Nos	1.00		
	Electrical Total – PART C				
	Total Work Amount (Part A + Part B + Part C)				

Note: 1. Bank is at liberty to split the works for Part A, Part B & Part C.
2. Incomplete Tender will out rightly be rejected.

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