

**UCO BANK  
ZONAL OFFICE  
BHUBANESWAR**

**TENDER DOCUMENT  
FOR  
ELECTRICAL & DATA CABLING WORK  
FOR UCO BANK, BHUBANESWAR MAIN  
BRANCH, BAPUJI NAGAR**

**CONSULTANT**

**CURVES ARCHITECTURE  
PLOT NO: - 33, BANKER'S ENCLAVE  
PRACHI VIHAR, PALASUNI,  
BHUBANESWAR, 751007, ODISHA  
Ph.0674-2370983 Mobile.-9438562471**





### **NOTICE OF INVITATION TO TENDER**

Sealed tenders on item rate/percentage over estimated cost basis are invited from empanelled **interior contractors having sound technical and financial capacity for Electrical work for new premises of UCO BANK, BHUBANESWAR MAIN BRANCH, BAPUJI NAGAR, BHUBANESWAR**. Tender documents may be collected from the Bank against payment of Rs 250/- (Rupees Two Hundred Fifty) only (non-refundable) by demand draft.

Parties should have executed:

1. At least one work of similar nature with 80% of estimated cost  
Or  
At least two works of similar nature with 50% of the estimated cost  
Or  
At least three works of similar nature with 40% of estimated cost in the last 3 years preceding 01.03.2023.
2. Don't have office/site or presence in and around the town or district in which the project is located

The parties who don't fulfill above 2 criteria, need not respond.

**Earnest money** : **Rs.4000.00** by A/C demand draft drawn  
in favor of UCO BANK,

**Time of completion** : **15 days**

**Tender paper sale date** : **20.11.23 to 02.12.23**

**Time and date of Submission of tender** : **before 16.00 hrs on 02.12.23 as per instruction tender documents**

**Time and date of Opening of tender** : **at 17.00 hrs on 02.12.23**

The bank will not be bound to accept the lowest tender and reserve the right to accept or reject any or all the tenders without assigning any reason whatsoever.

UCO BANK  
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BHUBANESWAR



## GENERAL RULES AND INSTRUCTIONS FOR THE GUIDANCE OF TENDERERS

1. Tenders are hereby invited on behalf of UCO BANK, ZONAL OFFICE, Bhubaneswar, for Electrical work of new premises of **BHUBANESWAR MAIN BRANCH, BAPUJI NAGAR, BHUBANESWAR**. Contract documents consisting of the plans complete specifications, the schedule of quantities of the various class of work to be done, and the set of conditions of contract to be complied with by the persons whose tenders may be accepted, and which will also be found in the form of tenders, can be seen at M/s CURVES ARCHITECTURE, PLOT NO-33, BANKER'S ENCLAVE, PRACHI VIHAR, PALASUNI, BHUBANESWAR and UCO BANK, Zonal Office, Bhubaneswar, between the hours of 10.30A.M to 5.30P.M, from **20.11.23 to 02.12.23** and every day, except on Sundays and bank holidays.
2. Tenders, which should always be placed in sealed cover with the name of the project written on the envelopes will be received by Zonal Head, UCO BANK, ZONAL Office, Bhubaneswar up to 16.00 hrs on **02.12.23** and will be opened in his office on **02.12.23** at **17.00** hrs.
3. The time allowed for the completion of the work will be 15 days from the day after the date of written orders to commence work.
4. The contractors should quote in figures as well as in words the rate, and amount tendered by them the amount for each item should be worked out and the requisite totals given.
5. When a contractor signs a tender in an Indian language the percentage above or below and the tendered amount and the total amount tendered should also be written in the same language in the case of illiterate contractors the rates or the amounts tendered should be attested by a witness.
6. Issue of tender from will be stopped one days before the date fixed for the opening of tenders.
7. Earnest money, amounting to **Rs. 4000.00** in the form of bank draft drawn in favour of **UCO BANK, Bhubaneswar**. must accompany each tender and each tender is to be in a sealed cover super scribed tender for **Electrical work for BHUBANESWAR MAIN BRANCH, BAPUJI NAGAR** and addressed to the **Zonal Head, UCO BANK, ZONAL Office, Bhubaneswar**.
8. The contractor, whose tender is accepted, will be required to furnish by way of security deposit for the due fulfillment of his contract, such sum as will amount to 10.00% of the work order.



The EMD of the contractor, whose tender is accepted, shall be forfeited in full in case he does not remit the Initial security deposit within the stipulated period or start in the work by the stipulated date mentioned in the award letter.

9. The acceptance of a tender will rest with the Zonal Head, UCO BANK, Zonal Office, Bhubaneswar which does not bind itself to accept the lowest tender, and reserves to itself the authority to reject any or all of the tenders received without the assignment of a reason. All tenders in whom any of the prescribed conditions are not fulfilled or are incomplete in any respect are liable to be rejected.

The bank reserves the right to accept the tender in full or in part and the tenderer shall have no claim for revision of rates or other conditions if his tender is accepted in parts.

10. Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
11. All rates shall be quoted on the proper form of the tender alone.
12. An item rate tender containing percentage below/ above all is summarily rejected. However, where a tender voluntarily offers a rebate for payment within a stipulated period, this may be considered.
13. On acceptance of the tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Employer/Architects shall be communicated to the Employer.
14. Special care should be taken to write the rates in figures as well as in words and the amounts in figures only, in such a way that interpolation is not possible. The total amount should be written both in figures and in words. In case of figures, the words "Rs." Should be written before the figure of rupees and words "P" after the decimal figures, e.g. Rs. 2.15p and in case of words, the word "Rupees" should precede and the word "Paise" should be written at the end, unless the rate is in whole rupees and followed by the words, "only", it should invariably be up to two decimal places. While quoting the rate in schedule of quantities, the word "only" should be written closely following the amount and it should not be written in the next line.
15. The bank does not bind itself to accept the lowest or any tender and reserves to itself the right of accepting the whole or any part of the tender and the tender shall be bound to perform the same at the rate quoted.





16. All taxes including GST/Sales Tax or any other tax on material or on finished works like works contract tax, Turn over Tax, etc. in respect of this contract shall be payable by the contractor and the bank will not entertain any claim whatsoever in this respect.  
This particular aspect should be mentioned in the tender.
17. The contractor shall give a list of his relatives working with bank along with their designations and addresses
18. No employee of the bank is allowed to work as a contractor for a period of two years of his retirement from Bank service, without the previous permission of the Bank. The contract is liable to be cancelled if either the contractor or any of his employees is found to be worked as a bank employee within two years of the contract and he has not taken permission from the bank to do so.
19. The tender for the work shall not be witnessed by a contract or contractors who himself/themselves has/have tendered or who may and had/have tendered for the same work Failure to observe this condition would render tenders of the contractors tendering as well as witnessing the tender liable to summary rejection.
20. It will be obligatory on the part of the tendered to tender and sign and tender documents for all the components parts and that, after the work is award, he will have to enter into an agreement for each component with the Competent Authority in the Bank.
21. The tenderer, apart from being a competent contractor must associate himself with agencies of the appropriate class who are eligible to tender for (i) Electrical (ii) Sanitary and Water Supply installations and (iii) Horticulture.
22. The quantity of work can be reduced or increased depending upon the requirement before/during the commencement of the work.
23. The L1 bidder must execute necessary agreement/bonds in the prescribed format of the Bank before commencement of the work.
24. Time is the essence of the contract. The completion of the **works** is essential to comply with various requirements of the bank. Thus the contractor shall be aware and take note that non-completion of the works will affect the Banks committed programs and thus the loss by way delayed completion of related works etc, are invaluable and cannot be easily assessed. Therefore, it is part of the agreed terms that in the event of any delay in completion of the work, the Bank is liable to charge the Contractor without the necessity of providing for any details of such losses suffered by the Bank.



Thus if the Contractor fails to complete the works within the time for completion stated in the Notice Inviting the Tender, the Contractor shall pay the Employer the sum at the rate of **1%(one per cent) of the Contract Value per week of delay subject to a limit of 10%(ten percent) of the Contract Value as "Liquidated damages"** for the period during which the said works shall so remain incomplete or the Employer may deduct aforesaid sum towards such damages from any monies due to the Contractor.

The Employer shall have the right to adjust / set-off against any sum payable to the contractor under this or any other contract with the Employer anywhere in India.

25. The contractor shall make good at his own cost and to the satisfaction of the Employer all defects which may appear during the defect liability period of **one year from the date of completion of the works.**

In default the Employer may employ and pay other persons to amend and make good such damages, losses and expenses consequent thereon or incidental thereto shall be made good and borne by the contractor and such damages, loss and expenses shall be recoverable from him by the Employer or may be deducted by the employer, in lieu of such amending and making good by the contractor a sum equivalent to the cost of amending such work and in the event of the amount retained being insufficient, recover that balance from the contractor from the amount retained under this contract or any other contract together with any expenses the Employer may have incurred in connection therewith.

26. There shall be **NO ESCALATION** on the quoted rates.

UCO BANK  
ZONAL Office  
Bhubaneswar.



<b>LIST OF APPROVED MAKE FOR ELECTRICAL WORK</b>		
<b>S. No.</b>	<b>Item</b>	<b>Make</b>
1	PVC conduit	CAP/BEC/ SEIKO
2	Wires	Skytone/ Finolex/ Polycab
3	Distribution Box	Legrand/ Schneider/ ABB/INDOASIAN
4	MCB & MCCB	Legrand/ Schneider/ ABB/ INDOASIAN
5	Light Fixture	GE/ Philips/ decon
6	HT cable	CCI/ Skytone/ universal
7	Generator	Mahindara/ Cummins/ Catterpillar/ Kirloskar
8	Lamps	GE/ Philips/Havells/Osram
9	Pumps	Kirloskar/ Matther & Platt / KSB
10	Sub Station	Schneider / Crompton/ Areva
11	Modular Switches	CPL/ Legrand/ MK
12	Fans	Crompton / Havells
13	Cable Management System	Legrand/ Schneider/ ABB
14	Bus Trunking	Schneider / Crompton/ C & S
15	Contactors	L&T/ Seimens/ Schneider/ ABB/ INDOASIAN
16	OLR	do
17	Push Button	do
18	TPN Switch	GE/ L&T/ Seimens/ INDOASIAN
19	HRC Fuse	GE/ L&T/ Seimens/ ABB/ INDOASIAN
20	Meters	AE/ L&T/ Meco/ Conzere
21	Current Transformer	AE/ Kappa/ Intech
22	Selector switch	Kaycee/ Essen/ L&T/ Seimens/ BCH
23	ACB	L&T/ Seimens/ Schneider/ ABB/ INDOASIAN
24	Control Cable	LAPP/ Finolex/ RPG
25	Power cable	CCI/ Skytone/ universal/ LAPP/ Torrent
26	GI Pipe	TATA/ Jindal/ Zenith
27	Protection Relays	ABB/ Seimens/ Schneider
28	Load Manager	L&T/ Seimens/ Schneider/ ABB
29	Battery	Exide/ Amco/ Panasonic
30	BMS	Honeywell/ Seimens/ Schneider
31	End Termination	Raychem/ Mahindra
32	Casste unit HVAC	Carrier/Voltas
33	Split unit HVAC	Carrier/Voltas
34	Fire alaram Panel	Agni/Carmel
35	Smoke & Heat detector	Apollo/system sensor
36	Hooter	Agni/Carmel



# BOQ FOR ELECTRICAL & DATA WORK OF BHUBANESWAR MAIN BRANCH, BAPUJI NAGAR

## BRANCH

SL.No.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
<b>BRANCH</b>					
	<b>1. WIRING TO POINTS</b>				
1	Recess conduit wiring to light, ceiling fan, exhaust fan points with (2x1.5 sq mm + 1(1x1sqmm ) PVC single core copper wire in PVC/ Super polythene pipe with galvanized iron junction & switch boxes & clip in type 6 Amp modular type switches with all accessories, T&P & as directed by the Engineer-in-charge.				
	i) Primary ( 1 light/fan controlled by one switch )	Nos.	20.00		
	ii) Secondary point (2 lights controlled by 1 switch)	Nos.	18.00		
	iii) Primary point (wall fan controlled by 1 switch and one sockets) 5 Amp.	Nos	12.00		
2	A. Recess conduit wiring to 6 Amp plug socket with switch on existing board as above	Nos.	3.00		
	B. Recess conduit wiring to 5/15 Amp plug socket with switch on separate board as above.	Nos	3.00		
3	Recess conduit wiring to call bell point with one gong bell of 6" dia placed at strategic point with 6 Amp switch bell push clip in type modular type fixed on G.I. boxes placed at skirting level for emergency use, the wiring details are as per Sr .no. - 01. The places as located in drawing & as per direction of Engineer-in-charge.	Set	1.00		
4	The supply to above will be given from 16 Amp switch placed in a modular box at the entrance of the Bank building, which can be operated by Guard. The M.S. box should have hinged door with locking arrangement. The cable in the wall & flooring is to be recessed properly & passed through 1" PVC pipe. The size of the box 200mm x 150mm x 100mm, made out of 18 SWG CRCA sheet properly painted with 2 coats of primer & above it 2 coats of enamel paint. The box contains 16 Amp switch-1 no. & 6 Amp switch- 1no. & 6 Amp socket- 1no. (all flush type) & as per direction of Engineer- in-charge.	Set	1.00		



5	Supply of all required materials and wiring to circuits/ submains with following number and sizes of PVC insulated 1100 volt grade standard copper wire run inside pre-laid PVC conduit pipe of ISI mark as required and copper wire as earth continuity conductor and complete in all respect including making good to all damages caused and as per the direction of Consultant and Engineer-in- charge.				
	A. Recessed wiring with 2x(1x2.5sqmm) +1x(1x1.5sqmm) copper wire	Mts	185.00		
	B. Recessed wiring with 2x (1x4sqmm) + 1x (1x2.5sqmm) copper wire	Mts	135.00		
	C. Recessed wiring with 4x (1x10sqmm) + 1x (1x6.0sqmm) copper wire	Mts	45.00		
6	Suppling ,fixing and testing of indoor wall mounted type distribution board of door type of approved make .				
	<b>L.D.B</b>	Set	1.00		
	12 way DP DB Incoming 1 No. 32A DP MCB Out going 10 No. 6-10 A SP MCB				
7	Supply of all required materials and wiring to AC plug point with 2 (1x4sqmm) PVC insulated copper wire run inside screw type PVC conduit pipe with ISI market laid on surfaced/recessed of wall/ceiling alongwith 1 (1x2.5sqmm) PVC insulated copper wire as earth continuity conductor complete in all respect including with use of 2.0 TR AC starter, concealed metal boxes with cover, wire, 20A SPN metalclad plug socket, metallic switch box for plug, junction box etc complete with making good the damages caused as required and as per direction of Engineer in charge.	Nos.	5.00		
<b>2.COMPUTER WIRING</b>					
1	Supply of all required materials and wiring to circuits/ submains with following number and sizes of PVC insulated 1100 volt grade standard copper wire run inside pre-laid PVC conduit pipe of ISI mark as required and copper wire as earth continuity conductor and complete in all respect including making good to all damages caused and as per the direction of Consultant and Engineer-in-charge.				
	A. Recessed wiring with 2x(1x2.5sqmm) +1x(1x1.5sqmm) copper wire	Mts	185.00		
	B. Recessed wiring with 2x (1x4sqmm) + 1x (1x2.5sqmm) copper wire	Mts	135.00		
2	Supplying & fixing of UPS input DB company made & wired with double door arrangement OF APPROVED make) with following Incoming 63 amp TPN MCB- 1 no	SET	1.00		



3	Supplying & fixing of UPS output DB company made & wired with double door arrangement OF APPROVED make) with the following arrangement. Outgoing 40 Amp DP MCB – 2 nos. (1main & 1 spare).	SET	1.00		
4	Suppling ,fixing and testing of indoor wall mounted type distribution board of door type of approved make .				
	<b>C.D.B</b>	SET	1.00		
	10 way SPN DB Incoming 1 No. 32A DP MCB Out going 8 No. 6-10A SP MCB				
5	Supplying & fixing of computer terminal boxes made of G.I. fitted with (3nos. of 6 Amp switches + 3 nos. 6Amp socket ), all clip in modular type & as per direction of Engineer-in-charge.	Set	10.00		
6	Providing and fixing of chemical earth electroad made out of 50mm dia class-B Asahalock or equevalent 2m length with copper plate made out of 600x600x3.15 mm tinned copper plate along with one number 40x5mm tinned copper strip grazed with the plate buried vertically with top edge of the plate at a depth of 1500 mm with arrangements for termination of copper strip of earth continuity conductor including cost of charcole, saltoreign soil, water pouring arrangements brick massionry encloser on top with R.C.C cover complete with labour and material as per direction of Engineer-in- charge	Set	1.00		
7	Supply of all required materials & wiring to clip in modular type 15 /5 amp socket points controlled by 1 no 15 amp switch complete in all respect including making good to damages caused as per direction of EIC for Hub connection supply .	Nos	3.00		
8	The earth lead by 8sq.mm PVC single core cupper wire in GI pipe to connect from earth electrodes to UPS outgoing earth bus & as per direction of Engineer-in-charge.	Mts	20.00		
<b>4. FITTINGS AND FIXTURES</b>					
1	Supply,installation and testing of LED 36 watt of size 2'-0"x2'-0" with all accessories complete assembly of Philips or Havels as required as per direction of Engineer in charge.	Nos.	14.00		
2	Supply,installation and testing of LED spot light round type 15 watt with all accessories complete assembly of Philips as required as per direction of Engineer in charge.	Nos.	32.00		



3	Supply, installation and testing of single tube lights patty fittings (1x36wt) of surface mounting with all accessories complete assembly of Philips ( MODEL No. TMS 021/136 LPF ) as required as per direction of Engineer in charge.	Nos	8.00		
4	Providing and fitting of 450 mm sweep Wall fan of approved make .	Nos.	12.00		
5	Providing and fitting of 1200 mm sweep ceiling fan of approved make .	Nos.	2.00		
6	Providing and fitting of 400 mm sweep Exhaust fan of approved make .	Nos.	3.00		
7	Providing and fitting of call bell of approved make .	Nos.	1.00		
<b>5. PHONE WIRING .</b>					
1	Supply of all required materials & laying of the following sizes of phone wires of approved make inside the approved size PVC conduit complete in all respect as per instruction of EIC .2 pairs telephone wires.	Mtrs.	30.00		
2	Supply , fixing , testing of phone point with suitable GI boxes with phone , socket complete in all respect as per direction of EIC .	Nos.	2.00		
<b>6. MAIN PANEL BOARD</b>					
1	Supply, delivery, installation , testing , commissioning , of L&T indoor wall, floor , mounted , type distribution boards made out of 2 mm thk. CR sheet metal duly acid treated primed & painted with 2 coats of enamel paint compartment arrangement for each equipment & bus bar chamber on the top of the panel running horizontal through out its length duly lamp , vermin proof having provision cable by conduit entry , earthing stud as per specification mentioned below duly factory wired confirming to the relevant ISS & as per special condition of contract , making good the damages M.S. Cubical type Panel board should have hinged door at the front. The panel shall be provided with all accessories & following arrangements complete in all respect & direction of EIC (before fabrication of panel board drawing is to be approved by Engineer-in- charge). Incoming- 1No 125 A TPN SDF with HRC switch 125A bus bar 63 A Change over Out going- 5Nos 32 A DP MCB for A.C 1Nos 40 A DP MCB for LDB/PDB 1Nos 63 A FP MCB for UPS 1-500 Amp. Meter with selector switch Volt meter Phase indicator lamp	Set	1.00		



2	Earthling as per I.E. rules with 40mm dia G.I. pipe of 3 mt. Long perforated on all sides with arrangements of light , termination of 600x600x3mm copper plate & 19x3 G.I flat firmly connected to plate with copper nut & bolt , washer etc . The earth pit should be filled with alternate layers of charcoal, salt & soil. The brick masonry chamber is to be covered with CI cover of minimum 300mm x 300mm size with all accessories & as per direction of Engineer-in- charge.	Nos.	1.00		
3	Supplying & fixing Earth lead with 8nos. of GI wire.		20.00		
<b>7.LOCAL AREA NETWORK (LAN)</b>					
1	Recess wiring with Cat-6 Lan cable with PVC conduit	Mtrs.	220.00		
2	Supply and fixing of Cat-6 IO box with cover for LAN	Nos.	12.00		
3	Supply and fixing of Cat-6 Patch chord 2 mtr long	Nos.	12.00		
4	9U Data Rack-D-Link	Nos.	1.00		
5	24 Port 10/100Switch-D-Link	Nos.	1.00		
6	<b>INVERTER WIRING</b> : (1 x 2.5 sqmm) + 1 x (1 x 1 sqmm) copper wire from individual INVERTER wiring from plug board.	Mtrs	30.00		
<b>TOTAL</b>					

**Note:** All the job include disconnect of old electrical lines without hampering the running branch . The vendor will clean the site daily basis, & for functioning of running branch .Also vendor will be done temporary electrical arrangement,if necessary, for functioning of running branch.Solvage value of old wires ,DB & Switches, but the fan ,balb will deposit with the bank

