



ZONAL OFFICE SALT LAKE
1ST FLOOR, 3 & 4 DD BLOCK, SECTOR-I, SALT LAKE,
KOLKATA -700064

TENDER DOCUMENT

FOR

CONSTRUCTION OF
(Electrical works)

AT

BANITABLA BRANCH,
PANPUR MORE,
P.O.-JADUBERIA, P.S.-ULUBERIA
DIST.-HOWRAH

CONSULTING DEVELOPMENT SERVICES

Architects ● Engineers ● Valuers

17, Kalibari Lane, Jadavpur, Kolkata-700032

Off: 033 24239590

(M) 9330870022 / 9831664630

Email: cds.ganguly@yahoo.com

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UCO BANK
ZONAL OFFICE SALT LAKE
1ST FLOOR, 3 & 4 DD BLOCK, SECTOR-I,
SALT LAKE, KOLKATA -700064

CONSTRUCTION OF BANITABLA BRANCH, PANPUR MORE, P.O.-
JADUBERIA, P.S.-ULUBERIA, DIST.-HOWRAH

(Civil & furnishing works)

TENDER NOTICE NO:

Dated:

NOTICE INVITING TENDERS

1. Sealed tenders in the prescribed form are invited by the UCO Bank Zonal Office Salt Lake from the enlisted internal electrical contractors of UCO Bank on item rate basis for construction of proposed Electrical works at Banitabla Branch.
2. The tender documents only can be downloaded from the WEBSITE on payment of Rs 500.00 (Rupees Five Hundred) only in Draft per set on any weekdays on or from 13/04/2018. Downloaded tender had to submit a DD Of Rs 500.00 (Rupees Five Hundred) favouring Uco Bank,saltlake zonal payable at Kolkata, along with income tax, sales tax, professional tax clearance certificate .
3. A Demand Draft or Pay Order for 2% cost of the quoted Value favoring UCO BANK Salt lake Zonal Payable in Kolkata as Earnest Money to be submitted along with the tender documents. Any tender which is not accompanied by the EMD shall be summarily rejected. EMD of unsuccessful bidder will be returned within a week of award of work to successful bidder without any interest.
4. Tenders should be submitted in sealed covers with the name of work written on the envelope & shall be received up to 3.00 p.m .24/04/2018 at the office of the Zonal Head, Zonal Office Salt Lake, 1st Floor, 3 & 4 DD Block, Sector-I, Salt Lake, Kolkata -700064 and will be opened on 24/04/2018 4pm at the above office in presence of attending tenderers or their authorized representative (not more than one at a time). Tender documents will not be issued or received by post.
5. The Bank does not bind itself to accept the lowest bid and reserve the right to split up the order as and when necessary and accept or reject any or all tenders without assigning any reason whatsoever.
6. The Bank will not be bound to accept the lowest tender and reserves the right to reject any or all tenders without assigning any reason thereof.
7. Clarifications, if any, required for details, can be obtained from our Consultant, **M/S CONSULTING DEVELOPMENT SERVICES . 17, KALI BARILANE JADAVPUR KOLKATA 700032. CONTACT: - 0983166463 /09330870022**
8. The Bank will not be bound to accept the lowest tender and reserves the right to accept or reject any or all tenders/ application without assigning any reason whatsoever.

Condition of Tender

1. Attested copies of up to date civil contractor's license, Income tax, value added tax and professional tax clearance certificates will have to be submitted along with the tender, without which the tender will be considered as incomplete and liable for rejection.
2. The tender shall remain valid for three months from the date of opening of the tender.
3. The tenderer is to quote his rate in ink in both English figures and in English word.
4. All corrections in the tender should be initialed by the tenderer before submission of the tender.
5. Each page of the tender documents must be signed by the tenderer.
6. Canvassing in any form is strictly prohibited and any tenderer found to have resorted to canvassing should be liable to have his tender rejected summarily.
7. In the event of the tender being submitted by a firm, it must be signed by a person holding a power of attorney authorizing him to do so, such power of attorney should be produced along with the tender.
8. Time is the essence of this contract and preference is likely to be given to a tender who will be in a position to complete the works in all details within the shortest possible time. The tenderer is requiring to specially mentioning in his tender the time he will require for completion of all work within the scope of this tender. Maximum time permitted is 25 calendar days from the date of issuing work order. If the contractor does not complete the work within the stipulated time, the contractor shall be liable to pay UCO Bank liquidation damage for delay as a penalty @ 2% (two percent) of the value of the work in respect of every day of delay or part thereof, subject to a maximum of 20% (Twenty percent) of the value of the work executed by the contractor.
9. When the work is awarded and the letter of intent issued, these documents shall become an integral part of contract.

GENERALCONDITIONSOFCONTRACT

Unless otherwise provided for in the contract documents, these general conditions shall apply to the work of all the specification attached herewith.

1. The contractor shall provide all the necessary supervision during the execution of the works as long as the Architect may consider necessary (which approval may at any time be withdrawn). The Supervisor/ representative of the contractor are to be constantly on the work site & shall give his/ her whole time to the supervision of the same. Such authorized agent or representative shall receive on behalf of the contractor, directions and instructions from the Architect or Architect's representatives.
2. The contractor shall employ only such persons as are skilled and experienced in their trade. The Architect's shall be at liberty to object and call the contractor to remove from the site any person employed by him/ her for the execution of the work who in the opinion of the Architect misconduct's himself or is incompetent or negligent in the proper performance of his duties and such persons shall not be again employed upon the works without permission of the Architect.
3. The contractor shall inspect and examine the site and its surrounding and shall satisfy himself before the submission of his/her tender as to the nature of the site, the qualities, quantities and materials necessary for the completion of the works and in general shall obtain all necessary information's like risk contingencies which may influence or effect his tender & the execution of work in case it is assigned to him/ her.
4. Rate quoted shall cover all the items like transport, octroi, value added tax, incidental charges, duties service tax, any other statutory taxes, etc, for completing the works. No claim will be entertained by the bank due to any fluctuation in the rate of labour, material, freights, taxes, duties etc. at any stage. The rate quoted will be firm during the entire period of work.
5. The contractor has to arrange photos passes in prescribed proforma for the men working in the site. The contractor has to pay all legal dues to the workman engaged by him during the work as per law in force. Contract labor (Regulation & Allowance 1970). P.P.Act 1952, Bonus Act 1965, Est. Act 1972, West Bengal House Rent Allowance Act 1974, Gratuity Act 1972, and latest amended Acts are to be complied for execution of the work.
6. If the contractor fails to pay legal dues to labour or any workmen, UCO Bank will reserve the right to deduct such due, from the final bill of the contractor and arrange for disbursement to the concerned labour or workmen.
7. Work has to be carried out at the site without affecting the normal activities of the staff. The contractor will be responsible for any damage caused during the period of work and has to pay the damage.

8. The successful tenderer to whom the contract is awarded will have to deposit as “initial security deposit” (ISD) a further sum to make up of the value of the accepted tender including the Earnest Money. ISD may be submitted in the form of Demand Draft/ Pay Order. The initial Security Deposit will have to be made within 7 days from the date of acceptance of tender, failing which the Bank at its discretion may revoke the letter of acceptance and forfeit the Earnest Money deposit furnished along with the tender. ISD will be refunded along with the final bills.
9. If the contractor does not complete the work within the stipulated time, the contractor shall be liable to pay UCO Bank liquidation damage for delay as a penalty @ 2% (two percent) of the value of the work in respect of every day of delay or part thereof, subject to a maximum of 20% (Twenty percent) of the value of the work executed by the contractor.
10. Material and workmanship shall conform to relevant ISI specification. Contractor has to follow the instruction of the Architect or his authorized representatives during the period of work.
11. The quantities given in schedule approximate and may vary as per requirement of the site. Payment shall be made on the basis of actual measurement of the work to be certified by Architect. Measurement shall be made as per relevant IS code except wherever otherwise mentioned.
12. The contract is time-bound and the works are to be completed within the time limit. Maximum time to complete the work is 25 calendar days from the date of issue of work order. This is a working Branch and the contractor has to work with no or minimum obstruction to its regular services.
13. 90% payment will be released after successful completion of work against bill duly verified & certified by the Consultant Architect & Branch Manager as well. Remaining 10% billed amount will be released after completion of 01 year, provided there is no deficiency/ defects observed in terms of quality & quantity of works. There would neither be any advance payment nor any payment against progressive bills.
14. The contractor has to clear all the materials, debris, tools, tackles, scaffolding etc. after completion of work for which no payment to be made.
15. The Bank shall not be liable for or in respect of any damage compensation payable at law in respect or in consequence of any accident or injury to any workmen or other person in the employment of the contractor and the contractor shall indemnify and keep indemnified the bank against all such damages and compensation (save and expect as aforesaid) and against all claims, demands, proceeding costs, charges and expenses in respect thereof or in relation thereto.

FORM OF TENDER

To
The Zonal Head
UCO Bank,
Zonal Office Salt Lake
1st Floor, 3 & 4 DD Block, Sector- I,
Salt Lake, Kolkata -700064

TENDER NOTICE NO: _____ dated _____

Construction of Electrical Works at Banitabla Branch

Sir,

I/We the undersigned have examined the tender documents and the site of works as hereby submit this tender amounting the sum of Rs..... and should the same be accepted hereby undertake to execute, complete and maintain all works as set forth in the schedule of quantities and specifications in accordance with the conditions of tendering, general conditions of contract, and the rates quoted by us in the aforesaid schedule of quantities all here to annexed or in default thereof to forfeit and pay to UCO Bank the sum of money mentioned in the aforesaid documents.

I/We agree to abide by this tender for the period of three months from the date fixed for opening of the same.

I/We undertake to complete and deliver the whole of the works covered under this tender within a period of 20 calendar days from the date of issue of work order.

I/we shall be bound by the terms and conditions of the tender documents and our accepted tender.

Witness.....

Signature of Tenderer.....

Name.....

Name.....

Address.....

Address.....

Date.....

Date.....

ELECTRICAL WORKS		
SL.	DESCRIPTION OF MATERIAL	MAKE OF MATERIAL
01	SWITCH / FUSE	HPL / HAVELLS / M.K., SCHINEIDER,LEGRAND
02	CHANGE OVER SWITCH	HPL / HAVELLS / M.K., SCHINEIDER / LEGRAND
03	MCCB / MCB / MCI	LEGRAND (LEXIC) / HPL (MOELLER)
04	RCCB / RCBO	LEGRAND (LEXIC) / HPL (MOELLER)
05	MCB DB BOX	LEGRAND (LEXIC) / HPL (MOELLER) /
06	CABLE	POLYCAB / FINOLEX / SCHINEIDER, INDO-ASIAN / LEGRAND
07	CABLE SOCKET	DOWELL'S / 3D
08	PVC PIPE & ACESSORIES	POLYCAB / HARSH
09	WIRE (FRLS)	RR / POLYCAB / PHENOLUX / HAVELLS /
10	MODULAR ACESSORIES	CRABTREE (AHTENA) / LEGRAND (MOAIC)
11	MINI STARTER	GETRON / ELECTRON
12	LIGHT FITTING	GETRON / ELECTRON / PHILIPS / CROMTON
13	NETWORKING SWITCH	IBALL / DELINK
14	JACK PANEL	IBALL / DELINK
15	CABLE MANAGER	IBALL / DELINK
16	LAN CABLE	IBALL / DELINK
17	INFO. OUTLET	IBALL / DELINK
18	PATCH CORD	IBALL / DELINK
19	CONDUIT	CAP/SIEKO (15 MM THICK CONDUIT)
20	FITTING	PHILIPS / CROMTON GREEVES
21	TELEPHONE WIRE	PHENOLUX /HAVELLS/ POLYCAB
22	FAN CROMPTON / HAVELLS	FAN CROMPTON / HAVELLS

Electrical Works

BOQ OF ELECTRICAL WORKS FOR UCO BANK, BANITABLA BRANCH					
Sl. No.	PARTICULARS	UNIT	QTY.	RATE	AMOUNT
1.	<p>Supply, laying, connection & testing of light:- Supply, laying, connection & testing of light, fan point, wiring by 2 X 1.5mmsq. (2x3/.029) + 1 X 1 mmsq. PVC insulated copper flexible wire maintaining the colour code as per direction in PVC conduit of 20mm with ISI mark 1.5 PVC wall thk. to conceal in wall partition mending good the damage, complete with PVC circular box, bend to be done as per drawing including 3 point ceiling rose where ever required, GI saddle to be used for fixing, PVC conduite/flexible pipe may use if required in partition wall. All PVC pipes should be with ISI mark. No joints will be allowed inside pipe, Light, fan & plug point complete with modular type switch plate & MS box . Including the main circuite line 2 x 2.5 mmsq + 1 x 1.5 mmsq. earth PVC insulated Cu. Wire maintaining the colour code. Circuite line for lighting swith board, 6 Amps plug board are to be drawn from lighting DB to Lighting board & 6A plug point board, 6/16 Amps plug point line are to be drawn from power DB. 3 Nos. lighting board/ 03 Nos. 6 Amps plug are to be connected from one circuite & 02 Nos. 6/16 plug to be connected from one circuit Lighting pint complete with modular type switch, plate, M.S. conceal box.</p> <p>Point – 1 Light point control by 01 switch.</p>	NO	26		
	Point – 1 Light point control by 01 switch..	NO	4		
2.	Exhaust fan point same as item No. 1a complete with modular type switch plate & MS conceal box & 3 pin ceiling rose	NO	2		
3.	Wall bracket point as above complete with modular type switch, plate & M.S. conceal box. Including one 2 pin plug socket, front plate & conceal box at fan end. Ht at 6'6"	NO	8		
4.	Call Bell	NO	3		
5.	<p>RAW POWER WIRING :- Supply, laying of Circuite line 2 x 2.5mmsq. + 1 x 1 mmsq. PVC insulated copper wire form LDB to 6/16A or6 Amps Plug point. Also not that 03 Nos. 06 Amps Plug to be connected from one circuite line. Rest are same as item No. 1</p>	MTS	300		
6.	Supply, Fixing & connection of modular type 5 amps plug switch complete with circuit wiring 2 x 2.5 sqmm + 1 x 1 sqmm PVC insulated copper wire through 20mm dia PVC pipe & MS box Socket switch above table at 32" height fr. Floor.	NO	15		

Electrical Works

BOQ OF ELECTRICAL WORKS FOR UCO BANK, BANITABLA BRANCH					
Sl. No.	PARTICULARS	UNIT	QTY.	RATE	AMOUNT
	-Do- but 16 Amps. 6 pin socket with 16 amps switch for raw / PUS power point. (02 Nos. plug connected from one circuite) rest as item no. 1 (Ht. of plug point as per advice of consultant)				
7.	TELEPHONE WIRING :- Supply laying & connection of same as item no. 1 but with 2 pair 0.51 mmsq. Tinned CU. conductor through PVC rigid ISI mark pipe from telephone point to Korne DB complete with RJ-11 telephone socket modular type in MS conceal box under table at 2" Ht. + one telephone point near NUB Rack	NO	6		
8.	Supply & fixing & connection of Cat-5 cable from VSNL D.B. to HUB rack through separate pipe for Pease line & ISDN line. (02 Line)	MTS	60		
.9.	-Do- 10 pair .51 mmsq. Copper conductor telephone cable in 20mm dia PVC pipe from VSNL D.B. to 20 pair KORN connector.	MTS	60		
10.	Supply fixing & connection of 10 pair KRONE connector DB complete with PVC moulded Telephone DB box with locking system.	NO	1 SET		
	SUPPLY, FIXING & CONNECTION OF LIGHT FITTINGS WITH LAPM/FANS :-				
11.	Supply Installation, testing & commissioning of 2'-0" x 2'-0" LED panel lights of Syska make (SSK-FP-6060-36W 6.5K/4K). To hang from true ceiling by 25 x 2 mm M.S. flat with nuts and bolt as required.	NO	26		
	Supply, Installation testing & commission of 15W 6" dia LED down light of Syska make (SSK-PA-2346E)				
13.	Supply, Installation testing & commissioning of LED T5 tube 4W 300mm T5 of Syska make (SSK-RA-0401-N) in cash and SW counter.	NO	3		
14.	225 mm dia heavy duty Exhaust fan 230 volt A.C. (EPC / Crompton make)	NO	2		
15.	Hi-speed wall mountings fan 400 mm dia 230 volt A.C. (Crompton / Orient)	NO	11		
16.	Ceiling fan 48" sweep 230 volt A.C. (Crompton / Orient) with "S" hook cutting plastering and cable connection complete.				
17.	UPS WIRING :	MTS	150		

Electrical Works

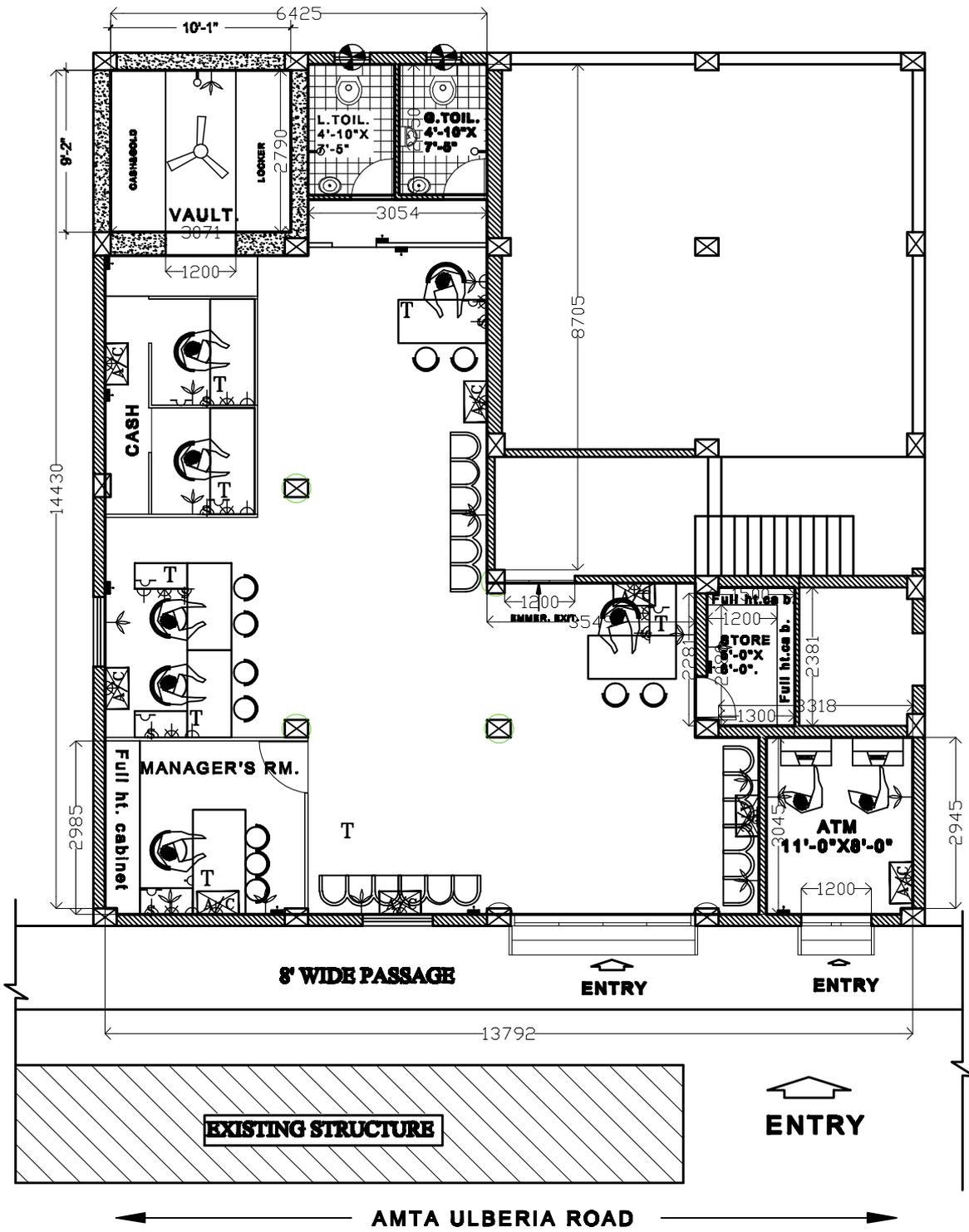
BOQ OF ELECTRICAL WORKS FOR UCO BANK, BANITABLA BRANCH					
Sl. No.	PARTICULARS	UNIT	QTY.	RATE	AMOUNT
	Supply, fixing & connection of UPS circuite line with 2 x 2.5 + 1 x 1.5 mmsq. Through MS conduit 20 mm dia 16 SWG wall tuckness, with ISI mark, to lay from UPS MCB DB to plug point board. Rest same as item no. 1 Two nos point to be connected from One circuite.				
18.	-Do- but 2 x 6/16, 6 pin socket with 2 x 16A switch to provide near HUB rack & line printer, ATM are to be connected from UPS power	NO	2SET		
19.	Supply, laying & connection of 4 x 6 mmsq. + 2 x 4 mmsq. PVC insulated copper conductor cable (FRLS) thourgh PVC regid/flexible conduit from the UPS incoming MCB box to UPS.	MTS	50		
20.	Supply, fixing of 2 x 6 Amps 5 Pin socket + 1 x 16 Amps 6 pin socket in single board (under table) + 1 x 16A switch in another board above table as per direction (under table Ht 22")	NO	6SET		
21.	UPS incoming power to drawn by 6mm 4 core Cu. conductor PVC insulated armored cable with 2 nos. of bare copper wire of 14 SWG	MTS	55		
22.	Supply, installation & termination of 40 Amps DP MCB with Metal enclosure for UPS out going line (for 5 KVA 2 Nos. UPS unit)	NO	2		
23.	Supply & installation of UPS incoming 40 Amps 4 pole MCB MDS make in MS enclouser for Incoming line as per instruction of consultant.	NO	2		
24.	Supply, installation and termination of UPS outgoing power distribution system with 12 Way SPN DB comprising 8x10 Amps SP MCB & 40 Amps DP RCBO 300MA as main. MDS make IP-42 Double Door	NO	2		
25.	LAYING OF CABLE : Supply, laying & fixing main power with 50mmsq. 3.5 core PVC insulated, PVC sheated Alu. Conductor, 1100 V. grade armoured cable complete with 02 Nos. 8 SWG bear GI wire as running earth. (main power cable) & hardware	MTS	30		
26.	End termination of 50 mmsq. 3.5 core armoured cable complete with brass cable gland, Alu, Lug, PVC tape.	END	4		

Electrical Works

BOQ OF ELECTRICAL WORKS FOR UCO BANK, BANITABLA BRANCH					
Sl. No.	PARTICULARS	UNIT	QTY.	RATE	AMOUNT
27.	Main DB's:- Supply, fixing and connection of prefabricated ready made DB MDS make double door 6 way TPN MCB D.B. for power along with following complete : 6 way TPN MCB DB with 63A 4 pole MCB as main (POWER DB). 20A SPMCB – 8 Nos + 16A SPMCB – 5 Nos. + 10A SPMCB – 5 Nos. including Neutral Bar	NO	1SET		
28.	Supply, fixing and connection of prefabricated ready made D.B. MDS make double door 4 way TPN MCB D.B. for power along with following complete : 4 way TPN MCB DB with 40A 4 pole MCB as main (LIGHT DB). 10A SPMCB – 8 Nos. + 6A SPMCB – 4 Nos. Including Neutral Bar	NO	1 SET		
29.	150 x 100 mm enamel Danger board 440 volt. One board to fixed on D.B.	NO.	2		
30.	Supply, fixing and connection of 63A, 4 pole C/O switch with enclosure side handle operated for lighting DB	NO	1		
31.	Supply, fixing and connection of 63A 4 pole copper bus bar complete with 440 volt danger board & necessary materials.	NO	1		
32.	Supply, fixing and connection of 8" x 6" M.S. Box with 3 Nos. sliding fuse + 3 Nos. brass batten holder + 3 Nos. 15W lamp (Red, Yellow & Blue)	NO	2SET		
33.	Supply, fixing & connection with S.M. housing 4 pole 40A MCB for lighting on and off.	NO	1		
34.	EARTHING STATION :- Earthing installation as per I.E. rule conforming to IS 3043-1987 or its latest amendent by making earth station with 600 x 600 x 3mm (minimum) <u>N.B. – The Copper plate to be buried under 3.3 Mts. Depth from ground level, including C.I. Pit 300 x 300mm with necessary brick wall (For UPS earthing).</u>	NO	1 SET		
35.	Spike Earthing with G.I. Electrode 3 mts. Long x 50mm dia (Class-B) including accessories and providing masonry enclosure with cover 300 x 300mm plate having locking arrangement and watering funnel etc. with charcoal, sand & salt at alternate layer as required for electrical panel earthing.	NO	2		

Electrical Works

BOQ OF ELECTRICAL WORKS FOR UCO BANK, BANITABLA BRANCH					
Sl. No.	PARTICULARS	UNIT	QTY.	RATE	AMOUNT
36.	Supply laying 2 x 8 SWG copper bear wire from earth spike to main panal. (Electrolite wire)	MTS	50		
37.	Supply and fixing of earth bus bar of 25mm (W) x 3mm (Thk.) x 200 mm (L) complete with brass nut bolt washer – 4 nos. and bus insulator.	NO	2		
38	Do but with 1 x 16mmsq. Insulated copper wire from earth spike to UPS earth bus bar through PVC regid 20mm dia ISI mark.	MTS	45		
39	Out door type Glow Sign Board wiring :- Supply, laying of main line with 2 x 2.5 + 1 x 1.5 mmsq. Through PVC conduit from main panel to glow sign board	MTS	10		
40.	Supply installation of 16 amps DP MCB at main entrance Glow Sign board complete with timmer & contractor (2 NO + 2NC). 24 Hrs. in original housing	NO	1 SET		
41	A/C. electrification :- Supply laying & connection of A/C line for 1.5 TR A/C window / split with 2 x 4 + 1 x 2.5 mmsq. Through 16 SWG PVC conduit with ISI mark rest same item no. 1	MTS	55		
42.	Supply laying & connection of A/C line for 2TR A/C window / split with 2 x 6 + 1 x 4 mmsq. Through 16 SWG PVC conduit with ISI mark rest same item no. 1	MTS	90		
43.	Supply & fixing of A/C. 18-25 Amps stator complete with 25 Amps socket in modular type box (North – West make) for window unit. For split unit plug socket to be fixed near cooling unit & stator at 3.5 Ft. from floor.	NO	7		
44.	Supply fixing of 63 Amps TPN HRC type SFU at SEB for main incoming on MS angle frame & o2 nos. Cable end box including connection L&T make for main incoming end	NO	2		
				TOTAL	



N

	Credle Point
	Tele Phone
	Ceiling Fan
	Jhar
	Single Bracket Ceiling Light
	6x16 Amp. Power
	6 Amp. Plug
	Switch
	Foot lamp
	Exhaust Fan
	Air Condition
	Switch Board
	Wall Fan
	T.V
	P.D.B
	Calling Bell

**SCHEMATIC LAYOUT PLAN
FOR PROPOSED UCO BANK
BANITABLA BRANCH
SITUATED AT
AMTA ULBERIA ROAD P.O.
JADUBERIA, DIST. HOWRAH
AREA - 1200 SQ.FT.(APPROX.)**

**UTPAL GANGULY
B.ARCH.M.C.A.A.I.I.A
L.B.A.K.M.C.-CA/31/06482**

**CONSULTING DEVELOPMENT SERVICES
17, KALIBARI LANE JADAVPUR
KOLKATA-700032
(M) 9831664630/9330870022
(O) 033- 24239590**