



TENDER DOCUMENT
OF
FURNISHING WORK
(INTERIOR FURNISHING , ELECTRICAL & DATA WORK)
AT
TRITOL BRANCH & A.T.M

OFFICE OF THE
ASSISTANT GENERAL MANAGER
UCO BANK Z.O. BALASORE.

ARCHITECT

TECHNO ARCH
Plot No - 71/7, Jadupur, Near City Bus Stand, Bhubaneswar -51019
Ph.0674-2551479, Mobile. 9437189632

NOTICE INVITING TENDER

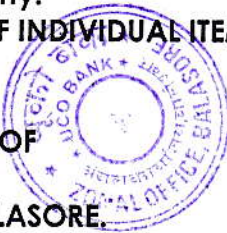
Sealed item rate tenders in duplicate are invited on behalf of The Zonal Manager Zonal Office, Balasore, from the Contractors Empanelled with UCO Bank (Zonal office, Balasore, Bhubaneshwar) for the work of Interior Decoration/ Furnishing, Electrical & Data cabling Work of Branch premises And A.T.M For UCO BANK at TRITOL (ODISHA)

01. Issue of tender documents : Dt. 18-11-2019 to 22-11-2019 up to 05.00 PM
02. Last date of receipt of tender document : 22-11-2019 up to 5.00 PM
03. Date & Time of opening : 25-11-2019 at 4.00 PM
04. Place of submission of bids : UCO Bank, Zonal office, Balasore.
05. Date of commencement : 3 days from issue of work order.



06. Time limit for completion of work : 25 days from issue of work order.
07. Period for settlement of final bill : 30 days from date of issue of completion certificate by the Architect.
08. Retention percentage : 10 % (Ten percent) from final bill.
09. Earnest money deposit : Rs.10,000/- (Rupees Ten thousands only)
10. Security deposit : @ 2 % of contract value including EMD before awarding the work.
11. Release of retention money/ : The Earnest money deposited shall not carry
earnest money any interest and will be refunded to unsuccessful tender after allocation of work order.
The Earnest money of successful tenderer will be release after completion of work and certification of final bill.
Retention & Security money after 14 days from defect liability period.
12. Liquidated damages for non : Rs. 10,000/- (Rupees Ten Thousand only) for
completion of work within the date every week if the work remains unfinished
of completion after the date of completion or the date extended subject to maximum of 10% of the value of work.
13. Defect liability period : 12 months from the date of completion certificate issued by the Bank Architect.
14. Cost of tender document : Rs.500/- (Rupees Five hundred only)
15. Interested bidder may obtain further information from the office of consultant / Bank's architect.
16. Bank reserves the right to reject wholly or part of any or all tenders received without Assigning any reason whatsoever, Also Bank reserves the right to split the work and place the order to more than one party.
17. ANY FREAK RATE OF INDIVIDUAL ITEM ON HIGHER SIDE ARE LIABLE FOR NEGOTIATION.

ZONAL MANAGER
FOR & ON BEHALF OF
UCO BANK
ZONAL OFFICE BALASORE.



GENERAL INSTRUCTIONS TO TENDERERS

- 1) The term "**Employers**" or "**Bank**" shall mean "**UCO Bank**", or its authorized representatives at The Zonal Office, Balasore.
- 2) The term "**Architect(s)**" shall mean "M/s.Techno Arch. who is the Architect Consultant to the Employer for this project & having office at Plot No. 71/7, Jadupur, Near Dumuduma City Bus stand, Bhubaneswar.or its authorized representatives.
- 3) The term "**Contractor**" shall mean the **successful tender** to whom the Contract shall be awarded.
- 4) The "**Works**" shall mean the Interior works,Electrical works,Data cabling works comprising of furnishing work for TRITOL Branch & A.T.M
- 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) Tender should be submitted in sealed covers with Earnest Money Deposit, GST Registration Certificate, Balance Sheet and Profit and Loss A/C for the last three years, List of Machineries and Manpower to be deployed in this work, List of work in hand and work completed, Partnership Deed / Memorandum of Article of Association **and mentioned** in the top of the envelope super scribed as "**SEALED TENDER for Total Interior works,Electrical works,Data cabling works Interior Furnishing works for TRITOL Branch & A.T.M**
- 8) 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.
- 9) The contract is time-bound and the works are to be completed within the time limit specified in the notice inviting tenders.
- 10) Additional Performance Security shall be deposited by the successful bidder when the bid amount is seriously unbalanced i.e. less than the estimated cost by more than 10%. In such an event, the successful bidder will deposit the additional performance security to the extent of the differential cost of the bid amount & 90% of the estimated cost. (Additional Performance Security = 90% of the Estimated Cost – Bid Amount)
- 11) Additional Performance Security shall be deposited by the successful bidder when the bid amount is front loaded i.e. if the quoted value is 25% higher than the estimated rates, the bid shall be evaluated as unbalanced bid and additional performance security of 10% shall be retained on the amount of quoted value.
- 12) The additional performance security as per clause 10 & 11 shall be furnished by the bidder before execution of the work in shape of Demand Draft or Fixed Deposit Receipt at any Nationalized bank pledged in favour of UCO Bank, Balasore which will be over and above the performance security.
- 10) The Contractor shall be penalized if the work is not completed within the scheduled time, the Bank will be entitled to charge liquidated damages @ 1% of the accepted contract sum per week subject to a maximum of 10% of the accepted contract sum.
- 11) The decision of Employer and the Architect is final and binding.



TERMS & CONDITION

- 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, Sale Tax & Service 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 earnest money deposit will be forfeited.
- 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 tender.
- 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 furnishing 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 dispose the materials at the cost of the contractor.

17) In case of any dispute, the matter will be referred to the Chief Officer, UCO Bank, ZONAL Office, Balasore

18) The Contractor shall not submit any work bill until he completes the Project completely, as certified by the Architect Consultant.

19) The rates quoted in the tender shall exclude GST but include other taxes, no escalation of rates will be allowed under any circumstances.

SPECIAL TERMS AND CONDITIONS

1. Completion Period :25 Days
2. Date of Commencement : 3 days from the date of issue of the work order or the date on which the contractor is Instructed to take possession of the site, or the date of your acceptance of the work- order , whichever is later.
3. Defect Liability Period : One year after actual completion of work.
4. Total security deposit (TSD) : 10 % of the executed value of the work
5. Limit of variation : 100% without any change in price if work is done within six months of the contract and with prior consent of Architect / Consultant.
6. Additional items : For items where unit rates are not available, contractor shall provide proper cost break-up and proceed only after approval/consent. Any sample to be made for approval shall be at the Contractor's cost.
7. Validity of tender : Three months after the opening of the tender.
8. Rules/ Regulations : The contractor shall have their responsibility of complying with the local shops/establishments Act and other labor/ minimum wages Act and shall keep all such records/ accounts on payment of wages / attendance as deemed necessary. 9. Arbitration As per the standard arbitration clause Under the jurisdiction of Odisha.
10. Organization The contractor shall employ competent / qualified supervisor /Engineer-in-charge who shall be responsible for the day to day work and coordinate as necessary with the Architect's supervisor. Any workman found guilty of misconduct/theft shall remove from the site.



11. Damage to property	Any damage to the Bank's property during the work period will be recovered from the contractor.
12. Deduction	Income tax, Sale Tax & Service Tax at source as per Act.
13. Terms of payment	Payment after completion of Project.
14. Billing Procedure	All measurements shall be recorded in Duplicate on standard measurement sheets Prepared jointly by the Architect's Site Engineer & the Contractor's representatives duly signed by them. All Bills shall be submitted along with this Checked measurement sheets.
15. Time schedule of work	The Contractor must submit before the Commencement of work, a Bar chart showing the date of commencement & the date of completion of each item of Work as mentioned in the Schedule of Quantities.
16) Release of TSD	100% after the Defect liability period. Retention money will not bear any interest.
17. General	The rates should be quoted considering necessary scaffolding & staging work, Removal of debris as & when necessary, In view of restriction of Local concern Authority.

TECHNICAL SPECIFICATION OF MATERIAL TO BE USED (Interior Work)

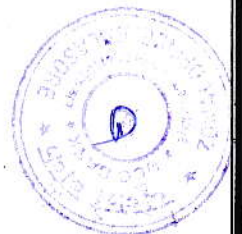
1.Synthetic Plastic Emulsion	: Asian Paints, Nerolac,
2. False ceiling	: Gypsum India, Saint Gobain
3.Ceramic tiles	: Kajaria / NITCO.
4. Laminates	: Century mica, Sunmica , Green Lam,
5. Smoked Mirror/Glass	: Modiguard , Saint Gobain
6. Floor Spring	: Godrej, Hardwyn
7. Texture wall finish	: Spectrum
8. Locks	: Godrej, Doorset
9. Hardware	: Harrisson, Earl Bihari.
10. Nails, Screws etc.	: Nettle fold or equivalent
11.Adhesive	: Fevicol SH.
12.Almunium section	: Jindal, Hindalco



13. Roller Blinds : Vista Leover, MAC
 14. Ply : Century, Green Lam
 15. Block Board :Century, Green Lam
 16. Floor Spring : Godrej Hardwyn

LIST OF MATERIALS (ELECTRICAL & DATA WORK)

01. 11 KV (UE) 3 Core, ZLPE armored cable (ISI marked). : KEI, ASIAN, NATIONAL,POLYCAB
 02. 11 KV cable termination. : KEI, ASIAN, NATIONAL,POLYCAB
 03. 100/500 KVA, 11/0.433 KV DYN-II, ONAN Type cooling. : OEU/KT PVT. LTD./KEO/ALPHA.
 04. LT switch board panel. : L&T / MDS / C&S
 05. Switch fuse/fuse switch units. : L&T / LEGRAND .
 06. Protective Relays. : MK India/Legrand /Seimens/L&T.
 08. Voltmeter and Ammeter. : A.E / Equivalent or MDS.
 09. Voltmeter and Ammeter Selector switch. : MDS / L&T.
 10. HRC Fuse. : L&T/ Legrand .
 11. HRC fuse base and carries. : L&T/ Legrand .
 12. 1.1KV grade PVC insulated & sheathed/ insulated aluminium wire and flexible cord (ISI marked). : INCAB / NICCO / RR.CABLE/RETCO.
 13. 1.1 KV grade PVC insulated armoured aluminium cable (ISI marked). : CCI/INCAB / RETCO
 14. 1.1KV grade PVC insulated: copper wire and flexible cords. : Finolex /Havells
 15. RCCB/ELCB/MCCB. : L&T / LEGRAND/ Hager
 16. Switch fuse with rewirable fuses. : L&T/ LEGRAND/ Hager
 17. Isolator. : L&T / LEGRAND/ Hager
 18. Changeover Switch. : L & T / Hager
 19. MCB Distribution Board. : L&T/LEGRAND/ Hager
 20. MCB/MCB type Isolator. : L&T/ LEGRAND/ Hager



21. 30/32A DP moulded Isolating Switch : L&T/ LEGRAND/ Hager
22. 15/5 Amp switch & plug socket : CRABERTEE / LEGRAND
23. 15/5Amp modular switch and socket : CRABERTEE / LEGRAND
24. 15/5 Amp piano key type switch/flushed type plug socket : CRABERTEE / LEGRAND
25. Ceiling Rose. : ANCHOR/ PRECISION
26. Buzzer/Call Bell. : ANCHOR/ PRECISION
27. Electrical fitting fixtures : Havells / Crompton & Graves (Light),
Crompton & Graves / Havells (fan)
28. Drawer & Keyboard Slide Rails : Earl Bihari
29. 24 Port Jack Panel : AMP/ D LINK
30. PVC Tape : Steel Grip
31. Cable Lugs : Dowells, 3-D



FORM OF TENDER

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Dear Sirs

Ref:.....
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- 1) I/We refer to the tender notice issued by your Consultant **M/s.Techno Arch, Plot No.71/7, Jadupur, Near Dumuduma City Bus stand, BHUBANESWAR** on your behalf for thein connection with the above.
- 2) I/We do hereby offer to perform provide execute complete and maintain the works in conformity Bill of Quantities for the sum of RS.....(Rupees.....) only at the respective rates quoted in the bill of quantities.
- 3) I/We have satisfied myself/ourselves as to the site conditions, examined the drawings and all aspects of the tender conditions subject to above, I/We do hereby agree should this tender be accepted in whole or part off:
- 4) Abide by and fulfill all the terms and provisions of the said conditions annexed hereto:
- 5) Complete the works within 25 days stipulated in two or three shifts if considered necessary by the Consultants at no extra cost to the Owner.
- 6) I/We have deposited the earnest money of RS.....which we note will not bear any interest and is liable to forfeiture,
 - i) If the offer is withdrawn within the validity period of acceptance.
or,
 - ii) If the contract is not executed with 7 days from award of contract.
or,
 - iii) The acceptance of this tender shall constitute a binding of contract and any failure as mentioned in Clause.4 shall constitute a breach of contract by us and the tender accepting authority shall be entitled to have the work executed at our risk and cost and to claim extra cost/expenditure incurred by them from us.
5. Unless and until a formal agreement is prepared and executed this tender together with your written acceptance thereof shall constitute as a binding contract.
6. I/We understand that you are not bound to accept the lowest any tender received.
7. I/We have independently considered the amount of liquidated damages in the Appendix to the General conditions of the Contract and agree that it represents fair estimate of the loss likely to be suffered by you in the event of the works not being completed in time.
8. Our Bankers are:-
 - I)
 - II)
9. The names of Partners/Directors of the firm Authorized to sign
 - i).
 - ii).

Yours faithfully,

Name of person having power of Attorney to sign the contract.

(Certified true copy of the Power of attorney should be attached.)

Signature of the Contractor

ABSTRACT

Interior work of Branch:- Rs.....

Interior work of A.T.M:- Rs.....

Electrical work of Branch:- Rs.....

Electrical work of A.T.M:- Rs.....

TOTAL:- Rs.

Total amount in words:-

B.O.Q OF INTERIOR WORK FOR UCO BANK , AT-TRITOL BRANCH .

SL.N o.	DESCRIPTION OF ITEMS	UNIT	QUANTIT Y	RATE	AMOUNT
A	PARTITION WORK.				
1.0	FULLY HEIGHT Partition (Semi Glazed)				
	<p>Providing and fixing in position partly glazed full Partition work as per drawing ,in frame work at 2'x2' grind (horizontally and vertically) comprising of 2"x1 ½" hevly gazed almunium section (conforming ISI 710) and/or as per frame work shown in the drawings with 6 mm plywood on both sides finished with 1 mm thick laminates of approved shade and colour as shown in drawings. Item to include 8 mm thick glass with chemical eachingas per design and fitted with 3-1/4" thick beach wood beading and 2"x2" T.W. member for door sides . All exposed T.W / beading surfaces to be finished in melamine polish as directed including all necessary Stainless Steel finish fittings/hardware and wood preservative paint etc. as per list of approved material and as approved by the Project Consultant/Bank complete in all respects.</p> <p>(Note : In case of false ceiling, the vertical members to be fixed with pucca ceiling but the area of partition payable will be below the false ceiling only)</p>	Sft.	330.00		
2.0	LOW HT. HEIGHT Partition (Semi Glazed)				
	<p>Providing and fixing in position partly glazed 4'-0" HT. Partition work as per drawing ,in frame work at 2'x2' grind (horizontally and vertically) comprising of 2"x1 ½" hevly gazed almunium section (confermin ISI 710)and/or as per frame work shown in the drawings with 6 mm plywood on both sides finished with 1 mm thick laminates of approved shade and colour as shown in drawings. Item to include 12 mm thick glass with chemical eaching as per design and fitted with 3-1/4" thick beach wood beading at glass sides All exposed wood. surfaces to be finished in melamine polish of as directed including all necessary Stainless Steel finish fittings/hardware and wood preservative paint etc. as per list of approved material and as approved by the Project Consultant/Bank complete in all respects.</p>	Sft.	95.00		
3.0	Full glazed Partition (at counter front)				
	<p>Providing , fitting & fixing 12mm thick flot glass partition .The partiton will be supported with S.S patch panel fittings as per drawing and design. The exposed edge of the glass partition should be polished to super quality. The work should be completed as per direction of architect including cost of all labour & material .</p>	Sft.	90.00		

SL.N o.	DESCRIPTION OF ITEMS	UNIT	QUANTIT Y	RATE	AMOUNT
B	DOOR WORK.				
1.0	Doors – semi glazed				
	Providing & fabricating fixing door shutter with 28mm x 75mm height & 28mm x 75mm, 28 mmx 60mm, 28mm x80mm rails respectively by using Giringa/ Kasi wood of well seasoned with necessary wood joining, planning, polishing etc., as per drawing matching the aligned partition . The shutter will have part glazed 8mm thk float glass side beveled , high polished & part solid one covered with 6mm BWP ply, both sides covered with 1 mm tk laminate of approved shade with necessary wood beading etc mat polished with melamine polish of asian / ici , complete to match the aligned partition elevations designs, the rates are inclusive of cost of necessary hinges, handles (1'-0"long), aldrops etc., all labour, materials, taxes, leads & lift to the place of work executed to the satisfaction of the Architect.	Sft.	78.00		
2.0	Doors – glazed				
	Providing and fixing Entrance Door (glazed) as per drawing in black Anodised aluminium door single groove section of size 125mmx25mm (Jindal make) in top and bottom & sides glazed with 12 mm thick glass of approved make with chemical eaching design as per drg. . Item to include all necessary hardware of Stainless Steel finish as approved by the Project Consultant/Bank complete in all respects.				
	a) Open able portion (it include SS finished H type 1'-6" long door handle)	Sft	24.50		
	a)Fixed portion	Sft	20.00		
3.0	Door closer				
	Providing and fixing Godrej make over head door closers in door with necessary fixtures and fittings etc.	Nos	4.00		
4.0	Floor spring				
	Providing and fixing Godrej make heavy duty floor spring in entrance door with necessary fixtures and fittings etc.	Nos	1.00		
5.0	Flap door				
	Providing, fitting and fixing of flap door with frame work made out of 35mmx35mm thick hard wood and nailed with 6mm. thick ply and finished with 1mm. Thick laminates of approved colour and design on both the surfaces of the frame work as per drawing and design.The edges of the door to be covered with decorative wood moulding with two coat of superior wax polish.The work is to be finished with all material our,nails,screws,hings,locks,handles,door closer and all other hard wares as per detail drawings.	Sft	12.00		

SL.N o.	DESCRIPTION OF ITEMS	UNIT	QUANTIT Y	RATE	AMOUNT
C	FURNITURE WORK.				
1.0	Front officer counter. (with 8mm th. table top glass)				
	Providing and fixing of counter table top of 4'-0"X2'-9" and one side drawer unit of 1'-4"x3'-0"x2'-6" size consisting 2 Nos of drawer units slides on telescopic slider and one cupboard unit made up of 19mm th.ply with locking arrangement. The exposed edge surfaces are to be finished with 1.0mm th.laminates as per design of approved shade and the inner surface is painted with two coats of enamel paint of approved colour over one coat of primer .Quoted rates shall also include cost of polished teak wood moulding (finished 40x20 mm section) to edges of table. top: polished teak wood- lipping (6mm thick) to free edges of block board /plywood surfaces; approved drawer-slides, hinges and locks with keys in duplicate : other necessary hardware and accessories including satin finish S.S handles. knobs and wire - managers etc. of approved qualityThe work should be completed including all labour and material. All the work should be done as per drawing and as per direction of architect. It also include 8mm glass top on table with edge polished. All the work should be done as per drawing and as per direction of architect.	Nos	6.00		
2.0	Cash Counter (with 8mm th. table top glass)				
	Providing and fixing of counter table of size 5'-0"x3'-0"x 2'-6"the front facia is raised up to ht of 3'-10" with a horizontal 15" wide counter top and vertical member made up of 19mm th.ply to separate the D-tel unit as per drawing and instruction . The exposed edge surfaces are to be finished with 1.0mm th.laminates as per design of approved shade and the inner surface is painted with two coats of enamel paint of approved colour over one coat of primer. Quoted rates shall also include cost of polished teak wood moulding (finished 40x20 mm section) to edges of table. top: polished teak wood- lipping (6mm thick) to free edges of block board /plywood surfaces; approved drawer-slides, hinges and locks with keys in duplicate : other necessary hardware and accessories including satin finish S.S handles. knobs and wire - managers etc. of approved qualityThe work should be completed including all labour and material . It also include 8mm glass top on table with edge polished and one number of night latch lock of Godrej make to cash counter door with necessary fixture and fittings etc. All the work should be done as per drawing and as per direction of architect.	Nos	2.00		

SL.N o.	DESCRIPTION OF ITEMS	UNIT	QUANTIT Y	RATE	AMOUNT
3.0	Manager's table (with 8mm th. table top glass)				
	Providing executive type manager table top of size 5'-6"x3'-0"x2'-6", a side credenza of size 3'-6"x1'-6"x2'-6" and a front drawer unit consisting 3 Nos of drawer units slides on telescopic slider made up of 19mm th.ply with locking arrangement. The exposed edge surfaces are to be finished with 1.0mm th.laminates as per design of approved shadea and the inner surface is painted with two coats of enamel paint of approved colour over one coat of primer .The side credenza will have two drawer unit slides on telescopic slider and two cupboard unit. Quoted rates shall also include cost of polished teak wood moulding (finished 40x20 mm section) to edges of table. top: polished teak wood- lipping (6mm thick) to free edges of block board /plywood surfaces; approved drawer-slides, hinges and locks with keys in duplicate : other necessary hardware and accessories including satin finish S.S handles. knobs and wire - managers etc. of approved qualityThe work should be completed including all labour and material.It also include 8mm glass top on table with edge polished. All the work should be done as per drawing and as per direction of architect.	Nos	1.00		
4.0	Storage Cabinet.				
	Providing and fixing of low height storage cabinet having 450mm. depth of made out of 19mm th. block board having horizontal intermediate shelves as per requirement . The storage unit should have locking arrangement with front shutter .The exposed surface is to be finished with 1.0mm th.laminates as per design of approved shadea and the inner surface is painted with two coats of enamel paint of approved colour over one coat of primer surfaces are to be finished with as per design The work should be completed according to drawing and design including all labour and materials.	Sft	145.00		
5.0	Key board tray.				
	Providing and supplying metal Keyboard tray without Mousepad manufactured by M/s Godrej / EBCO . The keyboard is a pullout type, fixed to channels and screwed to below table top	Nos	9.00		
6.0	CPU Trolley.				
	Providing and supplying mobile metal CPU trolley manufactured by M/s Godrej / EBCO attached with 4 wheels for holding CPU and for its smooth movement	Nos	9.00		

SL.N o.	DESCRIPTION OF ITEMS	UNIT	QUANTIT Y	RATE	AMOUNT
D	OTHER WORK				
1.0	Panelling				
	Providing and fixing panelling on wall /column/partition . Framing shall consist of Heavy duty Aluminium Box Sections 50mm x 25 mm @ 600mm c/c Both ways horizontally and vertically on the wall.This framing would be covered by 9mm thk. BWP Ply finished in approved 1.0 mm. Thk. Laminate . It also include Wooden moulding, lipping with melamine polished as per design. as directed by Bank / architect shall be provided wherever required. as per Architect's drawing/ direction. The cost includes all the materials, labour, trasportation taxes etc., complete for the work.	Sft.	80.00		
2.0	False ceiling (Gypsum board.)				
	False Ceiling (Gypsum Board)Providing & fixing in position false ceiling in Gypboard 12 mm thick for horizontals & Verticals fixed over G.I. frame work as specified by India Gupsm Co. Ltd. including trap doors for A.C. Unit in 18 mm thick M. R. Grade Plywood with Stainless Steel hinges & locks with moulding 1" x 1" for edges including finishing with White Plastic Emulsion Paint etc. complete in all respects.(Note :- Only the plan area will be measured for payment. No extra payment will be made for cutouts, grooves, mouldings etc.)	Sft.	480.00		
3.0	False ceiling (Armstrong)				
	Providing & fixing in position false ceiling in Armstrong 600 x 600 mm x 15/16 mm Dune Supreme RH 99 Prima tile with Tegular edge framework as specified by Armstrong Co. with suspenders wherever required. Making necessary framework for A. C. ducting, if any, and necessary cutouts for diffusers and light fittings, taping and finishing to proper line & level, including making grooves and trap doors for A. C. unit in 18 mm thick M. R. Grade Plywood with Stainless Steel hinges & locks with moulding 1" x 1" for edges including finishing with White Plastic Emulsion Paint etc. complete in all respects.(Note :- Only the plan area will be measured for payment. No extra payment will be made for cutouts, grooves, mouldings etc.)	Sft	468.00		
4.0	Notice Board				
	Providing soft board covered with approved fabric with wooden frame work and decorative beading for display drawings and documents,with locking arrangementof the sliding shutter made up of 8mm th. flot glass. The work should be done including all labour and material.	Sft	12.00		
5.0	Writting Ledge				
	providing and fixing writing ledge long along with wall including voucher stand as per design made up of 18mm th.plywood . The exposed surface is to be finished with 1mm th. Laminates and internal surface to be finished with white enamel paint.	Rft	4.00		

SL.N o.	DESCRIPTION OF ITEMS	UNIT	QUANTIT Y	RATE	AMOUNT
6.0	Suggestion box/ Cheque drop box Supplying and erecting free-standing suggestions box of overall size , 450 mm long x 300 mm deep x 900 mm high made of 19 mm thick phenol formaldehyde block board, all as in drawing, complete. with hardware. fittings and fixtures of approved make and quality.Top and all exposed surfaces of block board are to be finished with 1mm thick laminate sheet of approved shade and quality. Inner faces of block board surfaces are to be finished with minimum two coats of synthetic ehemal paint of approved shads and quality over a coat of approved primer.	Nos	2.00		
7.0	Panel board cover Providing and fixing of electrical panel board cover made up of 19mm ply with two shutter at the front having T.W livers as per drawing and design, it allso have furnished with locking arrangement. The exposed surface is finished with 1mm. Th. Laminates and inner surface is finished with two cote of plastic emulsion paint over one coate of primer . The work should be completed including all hardware, material and labour.	Sft	28.00		
8.0	Façade of front entrance door. Providing and fixing in position Aluminium composite panel boxing with PVDF coating & LDPE core laminated Eurobond / Altobond/ Alukbond Exterior Grade 4 mm thick with composite of (0.5 mm – 3 mm – 0.5 mm) including fabrication for the same with aluminium sections, required hardware, silicon sealant (Dow corning 789) masking tape, necessary scaffolding etc. as detailed in drawing complete in all respects.	Sft	90.00		
9.0	Vertical blinds Supplying, fitting & fixing in position coloured 0.33mm thickness acrylic coated cleanable/ washable vertical blinds (Marvel or its equivalent, as approved) inclusive of all recommended accessories colour pattern etc., as per Architect's approval. The cost includes all the materials, labour, trasportation taxes etc., complete for the work.	Sft	100.00		
TOTAL					

B.O.Q OF ELECTRICAL WORK FOR UCO BANK , TRITOL BRANCH .

SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
	1.1 ELECTRICAL WIRING WORK				
1.0	Concealed / resessed / surface point etc. wiring using 1100V FRLS grade 3R (P+N+E) x 1.5 Sq.mm FRLS multi stranded copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through rigid FR/FRLS PVC conduits of 20mm Dia 1.5 mm thick laid concealed over false ceiling or in wall chases or on the ceiling in case of an open ceiling, with modular type switch plate, switches, GI concealed back box, etc. of legrand myline or equivalent make. S.I.T.C.(Supply Installation Testing And Commissioning) as directed by the Engineer-in-charge. (Each circuit shall not feed more than 8 points OR 800 watts as per following configuration.)				
	NOTE:- 1. Only FRLS wire shall be used; 2. The wires from ceiling junction to light points / light fixture shall be drawn in flexible PVC conduit with adptor & cover for junction box & crimp type lugs at both the ends alongwith necessary hardware & accessories, etc. as required; 4. Looping of Neutral / Earth wire between two seperate Primary / Full Points is strictly not allowed; 5. Looping of Neutral / Earth wire between two seperate circuits on similar or other phase is strictly not allowed; 6. Ferulling / numbering / taggning to wires with circuit number & db name for all lighting & raw / ups power shall be strictly followed at both DB & switch board / switch socket boards ends.				
1.1	Primary light/Call bell points including the cost of clip in type 6A Modular switch of legrand myline or equivalent make. S.I.T.C. as directed by the Engineer-in-charge.(1 light controlled by one switch)	Nos.	27.00		
1.2	Primary Fan points including the cost of clip in type 6A Modular switch of legrand myline or equivalent make. S.I.T.C. as directed by the Engineer-in-charge.(1 fan controlled by one switch)	Nos.	2.00		
1.3	Subsequent point (Looped From Primary)	Nos	15.00		
1.4	Independent point using one 6 Amp Modular Switch and one 6 Amp, 2/3 pin Modular scoket mounted on a sutable size Box for wall fans.	Nos	12.00		
1.5	6 Amp 2/3 pin Modular scoket with 6A Modular switch. (on common switch Board.)	Nos.	4.00		
1.6	Primary light points including the cost of clip in type 6A Modular switch of legrand myline or equivalent make & model as approved by project in charge. (I light controlled by one switch UPS point)	Nos.	3.00		

SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
2.0	Concealed power point using 16 Amp 3 Pin plug socket with 16 Amp Modular switch of legrand mylinec or equivalent make mounted on separate board using suitable size galvanized iron junction & switch boxes & clip in type modular type switch plate,etc. Supply taken from R.D.B./ Nearest L.D:B wiring using 1100V FRLS grade 2R (P+N) x 2.5 Sq.mm +1R (E) x 1.5 Sq.mm FRLS multi stranded copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through rigid FR/FRLS PVC conduits of 20mm Dia 1.5 mm thick . The point should not taken from any switch Board. S.I.T.C. as directed by the Engineer-in-charge.	Nos	4.00		
3.0	Concealed raw power point using 6 Amp, 2/3 Pin Modular plug socket with 6 Amp Modular switch of legrand mylinec or equivalent make on separate board using galvanized iron junction & switch boxes & clip in type modular type switch plate, switches, GI/PVC concealed back box, etc. Supply taken from Nearest L.D.B.wiring using 1100V FRLS grade 2R (P+N) x 2.5 Sq.mm +1R (E) x 1.5 Sq.mm FRLS multi stranded copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through rigid FR/FRLS PVC conduits of 20mm Dia 1.5 mm thick. Maximun 3 Points per Circuit for counter & Table	Nos	10.00		
4.0	Supply,installation and testing of timer with contactor (L&T / Legrand) make controlling the glowsign board with 16 Amp Modular switch of legrand mylinec or equivalent make mounted on separate board using suitable size galvanized iron junction & switch boxes & clip in type modular type switch plate,etc all accessories complete enclosed in Powder coated metal box as required,Supply taken from Nearest L.D.B.wiring using 1100V FRLS grade 2R (P+N) x 2.5 Sq.mm +1R (E) x 1.5 Sq.mm FRLS multi stranded copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through rigid FR/FRLS PVC conduits of 20mm Dia 1.5 mm thick as per direction of Engineer in charge. The system will be apart of the panel board.	Nos.	1.00		
5.0	Supply of all required materials and wiring to circuits/ submains with following number and sizes of PVC insulated 1100 volt grade multi standard FRLS copper wire run inside rigid FR/FRLS PVC conduits of 20mm Dia 1.5 mm thick 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.				
5.1	Recessed wiring with (2Rx2.5sqmm +1Rx1.5sqmm) copper wire (LDB/RDB to Common Switch board and Points)	Mts	134.00		
5.2	Recessed wiring with (2Rx6.0 sqmm +1Rx4.0 sqmm) copper wire (PANEL to L.D.B./R.D.B.)	Mts	20.00		
5.3	Recessed wiring with (4Rx10sqmm + 2Rx6sqmm) copper wire (PANEL to U.P.S. input)	Mts	30.00		

SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
6.0	S & I of 1100V grade Aluminium armoured cable having sector / circular shaped aluminium conductor PVC insulated cores, laid up, PVC tape wrapped inner sheathed, GI strip / wire armoured and overall extruded PVC sheathed confirming to IS: 1554, laid on wall or ceiling using GI clamps and spacers as per route shown at site and further as directed by Bank / Architect in the following sizes.				
6.1	Surface wiring with (35sqmm)3 1/2 core armored aluminium cable . (From main Panel to master AC Contoller/ master AC Contoller to Main Panel / Generator to Main panel)	Mts	30.00		
7.0	GLANDING & TERMINATION :- Supply & Installation of end termination of above mentioned cables including compressed type brass glands, crimping type aluminium lugs, insulation tape etc. as required complete with earthing of glands in following sizes :-				
7.1	(35sqmm) 3 1/2 core armored aluminium cable	Nos	2.00		
TOTAL FOR ELECTRICAL WIRING WORK				Rs.	
1.2 COMPUTER WIRING WORK					
1.0	Suppl't and fixing of concealed UPS power points using 1 nos. of 16 Amp, Modular switches to be provided on table top + 4 nos. 6 Amp 3 Pin Modular socket below table top of legrand mylinc or equivalent make taken from Nearest C.D.B with suitable size galvanized iron/PVC junction & switch boxes & clip in type modular type switch plate, GI/PVC concealed back box, etc. Maximun 3 Points per Circuit for counter & Table. S.I.T.C. as directed by the Engineer-in-charge.	SET	11.00		
2.0	Suppl't and fixing of concealed UPS power points using clip in modular type 5 No. of 6/16 amp socket points controlled by 2 No of 16 amp modular switch with indicator of legrand mylinc or equivalent make taken from Nearest C.D.B with galvanized iron junction & switch boxes & clip in type modular type switch plate, switches, GI concealed black box, etc. . The point should not from any switch Board S.I.T.C. as directed by the Engineer-in-charge.	SET	1.00		
3.0	Supply of all required materials and wiring to circuits/ submains with following number and sizes of PVC insulated 1100V FRLS grade 3R (P+N+E) x folling size FRLS multi stranded copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through rigid FR/FRLS PVC conduits of 20mm Dia 1.5 mm thick ISI mark laid concealed over false ceiling or in wall chases or on the ceiling in case of an open ceiling including of as required and multy stranded copper wire of folling size 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.				

SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
3.1	Concealed wiring with (2Rx2.5sqmm +1Rx1.5sqmm) copper wire (C.D.B. to Computer Points)	Mts	120.00		
3.2	Concealed wiring with (2Rx4.0 sqmm +1Rx2.5sqmm) copper wire (U.P.S. OUTPUT to C.D.B.)	Mts	20.00		
	TOTAL FOR COMPUTER WIRING WORK			Rs.	
	1.3 A.C. WIRING WORK				
1.0	Supply & Installation of all required materials and wiring to Split AC point 25 Amp 3 Pin Modulat socket mouted on suitable size concealed GI Box near to the AC controlled by 25 Amp DP isolator Enclosed in Powder coated DP Encloser of Legrand Ekinox3 model or Equivalent make taken from Nearest A.C..D.B/ M.L.D.B. with galvanized iron junction & switch boxes & clip in type modular type switch plate, switches, GI concealed back box, etc. of legrand myline or equivalent make.The point should not taken from any switch Board S.I.T.C. as directed by the Engineer-in-charge.	Nos.	6.00		
2.0	Supply of all required materials and wiring to 2 nos of Split AC point in System Room with 2 nos 16 Amp Modular socket of legrand myline or equivalent make mouted on suitable size GI concealed Box controlled by 25 Amp Digital timer operated Alternately supplied by a 25 Amp RCBO Sensivity 30mA Enclosed in 8 way SPN DB of Legrand or Equivalent make taken from Nearest M.L.D.B. with galvanized iron junction & switch boxes & clip in type modular type switch plate, switches, GI concealed back box, etc. .The point should not taken from any switch Board. S.I.T.C. as directed by the Engineer-in-charge.	Nos.	0.00		
3.0	Supply and Installation of all required materials and wiring to circuits/ submains with following number and sizes of PVC insulated 1100 volt grade standard FRLS copper wire run through rigid FR/FRLS PVC conduits of 20mm/32mm Dia 1.5 mm thick 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.				
3.1	Concealed wiring with 2 X 4sq. mm + 1 X 2.5sqmm copper wire (From ACDB/M.L.D.B. to 2.0 Ton Cassette /Split A.C. points through DP Isolator.)	Mts	100.00		
	TOTAL FOR AC WIRING WORK			Rs.	

SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
	2.PANEL BOARD & DISTRIBUTION BOARDS.				
1.0	Main Panel Board	Set	1.00		
	Supply, delivery, installation , testing , commissioning , of indoor wall mounted , type distribution boards made out of 2 mm thk. CR sheet metal painted with 2 coats of enamel paint compartment arrangement for each equipment & bus bar chamber on the top of the panel running horizontal through , 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). The Contractor should Submit The Testing Certificate to the Client after Installation.				
	Incoming :-				
	1No 100A- 16KA - 4POLE -MCCB.				
	1 set of 125A TPN copper bus bar (18 X6 mm)				
	1No 63A- 10KA - 4POLE -MCB.				
	1 set of 100A TPN copper bus bar(16 X 5 mm)				
	63A, 4-POLE Change over				
	1 set of 100 A TPN copper bus bar(16 X 5 mm)				
	Out going :-				
	1 Nos 40A, 4P MCB, for U.P.S.				
	1 Nos 40A, 4P MCB, Spare				
	7 Nos 25 A DP MCB for 1.5 ton Split A.C.				
	2 Nos 25 A DP MCB Spare				
	1 Nos 32 A DP MCB for L.D.B.				
	1 Nos 32 A DP MCB for ATM				
	1 Nos 25 A DP MCB for Glow sign board & Outer Lighting				
	1 Nos 25 A DP MCB Spare				
	1 Nos 32 A DP MCB Spare				
	All MCB must be class C Type				
	1No. Digital Volt meter with Volt meter selector switch & Control fuse.				
	1No. Digital Ammeter with Ammeter selector switch & CT.				
	Cable tray.				
	Termination bar for each out put				
	6 Nos Phase indicator L.E.D. lamps				
2.0	Supplying & Fixing 100 Amp, 415 V Wireable IC Cutout - 3nos in MS enclouser withj lock & key arrangements.	Set	1.00		

SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
3.0	Supply and installation of SPN, Double Door, Metal type Distribution Board. (hager IP43, legrand make Ekinox3 model or equivalent make as approved by Engineer-in-charge), surface / flush mounted on wall, interconnected wiring complete with earthing lugs, including DB wiring, termination of circuits with ping type copper lugs, blank plates, etc. housing following switchgears :				
3.1	L.D.B (Light Distribution Board)	Set	1.00		
	12 way SPN DB				
	Incoming :- 1 No. 32A DP MCB				
	Outgoing :- 10 No. 6-10 A SP MCB				
	All MCB must be 'C' Series				
3.2	C.D.B (Computer Distribution Board)	SET	1.00		
	12 way SPN DB				
	Incoming :- 1 No. 32A DP-10 kA - MCB				
	Outgoing :- 10 No. 6-10 A SP-10 kA - MCB				
	All MCB must be class C Type				
3.3	U.P.S Incoming DB	SET	1.00		
	4 way SPN DB				
	40 Amp DP-10 kA - MCB – 2 nos (1main & 1 spare).				
	All MCB must be class C Type				
3.4	U.P.S Outgoing DB	SET	1.00		
	4 way SPN DB				
	Incoming :- 40 Amp DP-10 kA - MCB – 1 No				
	Out going :- 2 No. 25 A SP-10 kA - MCB				
	All MCB must be class C Type				
	TOTAL FOR PANEL BOARD & DISTRIBUTION BOARDS.			Rs.	

SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
	3. FITTINGS OF FIXTURES				
	(NOTE : ANY OF FIXTURES AND FITINGS SHALL BE RE-CONFIRMED WITH THE ARCHITECTS / CONSULTANTS BEFORE ORDERING THEM.				
	Supply , Installation, testing and commissioning of lighting fixtures with lamps and LED driver as per the details below including necessary hardware such as clamps, nuts, bolts, nails, screws and suspension rods as required for fixing the fixtures in position as directed by architect / consultant / client including supply and fixing flexible wires from holder to fixtures hardwares etc. Note :- All Light Fixtures, Fans, Exhaust Fans & other fittings samples shall be approved by the Client / Architect before placing order to the Light Fixture Vendor / Supplier makes are specified. Client / Architect / Consultant reserves				
1.0	Supply,installation and testing of recess LED lights fittings (31 - 34 W) of square type (2'-0"x2'-0") with all accessories complete of Crompton LCTLRN-36-FO-CDL Equivalent Make as required as per direction of Engineer in charge.	Nos.	12.00		
2.0	Supply,installation and testing of recess LED lights fittings (6W) of spot type all accessories complete of Crompton LSCRM-12W-CDL/NW/WW or Equivalent Make as required as per direction of Engineer in charge.	Nos.	16.00		
3.0	Providing and fitting of 400 mm sweep High Flo Wall fan of Orient/ Crompton Equivalent Make as required as per direction of Engineer in charge.	Nos.	10.00		
4.0	Providing and fitting of 400 mm sweep cabin fan of Orient/ Crompton Equivalent Make as required as per direction of Engineer in charge.	Nos.	2.00		
5.0	Providing and fitting of 225 mm sweep heavy duty Exhaust fan of Orient/ Crompton Equivalent Make as required as per direction of Engineer in charge.	Nos.	3.00		
6.0	Providing and fitting of 1200 mm sweep ceiling fan of Orient/ Crompton High Speed Equivalent Make as required as per direction of Engineer in charge.	Nos.	2.00		
7.0	Providing and fitting of Modular type step fan regulator of approved make .	Nos.	2.00		
8.0	Supply & fixing of fan-hook,by cutting roof slab and welding 10 mm dia.Fan hook with main reinforcement of roof slab complete in all respect	Nos.	2.00		
9.0	Supplying , fixing of 1x 20W LED Batten lights fittings with all accessories complete of Philips BN021C LED20S PSU CDL/NW GR Equivalent Make as required as per direction of Engineer in charge.	Nos.	5.00		
10.0	Supply,installation and testing of LED Bulb fittings (1x9wt) with angle holder of Philips/ Crompton/ Syska or equivalent as required as per direction of Engineer in charge.	Nos	5.00		
11.0	Providing and fitting of call bell Remote Controlled with Battery of approved make .	Nos.	1.00		
	TOTAL FOR FITTINGS OF FIXTURES			Rs.	

SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
4. EARTHING					
1.0	Supplying and fixing Earthing with G.I. earth plate of size 600 mm X 600 mm X 6.36 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with alternative layer of 150mm thick charcoal/ coke and salt as required.	Nos.	2.00		
2.0	Supplying and fixing of Earthing with copper earth plate of size 600 mm X 600 mm X 3.18 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc with alternative layer of 150mm thick charcoal/ coke and salt as required.	SET	1.00		
3.0	Supplying and laying 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	Mts	6.00		
4.0	Supplying and laying 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	Mts	30.00		
5.0	Supplying and laying earth connection from earth electrode with 4.00 mm dia copper wire in 15 mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	Mts.	3.00		
6.0	Supplying and laying 4.00 mm dia copper wire on surface or in recess for loop earthing as required.	Mts.	15.00		
TOTAL EARTHING				Rs.	
5. DATA / TELEPHONE WAIRING					
1.0	Supply of all required materials and laying of CAT-6 LAN wiring from server to Hub and Hub to computer I/O Points of approved brand ((D-Link/Digilink/Amps) laid through rigid FR/FRLS PVC conduits of 20mm Dia 1.5 mm thick of ISI mark duly burried under floor with necessary chasing / breaking in floor and to be refinished with all necessary civil material etc. or to be cleated on wall / ceiling with saddles / spacer etc. necessary termination etc. completeas in all respect including making good to all damages caused and as per the direction of Consultant and Engineer-in-charge.	Mts	140.00		
2.0	Supply of all required materials & laying 2 pairs 0.51 cross section telephone wires of ITI approved laid through rigid FR/FRLS PVC conduits of 20mm Dia 1.5 mm thick of ISI mark duly burried under floor with necessary chasing / breaking in floor and to be refinished with all necessary civil material etc. or to be cleated on wall / ceiling with saddles / spacer etc. necessary termination etc. completeas in all respect including making good to all damages caused and as per the direction of Consultant and Engineer-in-charge.	Mtrs.	60.00		
3.0	Supply , fixing of RJ 45 information outlet (I/O) with safety sutter of D-link make with front modular cover plate, flush box metallic or PVC for trucking system etc.	Nos.	11.00		

SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
4.0	Supply , fixing , testing of RJ11 Modular Telephone socket point with suitable GI boxes complete in all respect as per	Nos.	4.00		
5.0	Supply & fixing 9" 9 U wall mounted modem rack with power distribution box, cable manager, cantilever self, fan &	Set	1.00		
6.0	Supply & fixing 24 port PATCH PANEL (Make D-LINK, AMP, HCL)	No	1.00		
7.0	Supply and fixing 24 port - 10/100/1000 mbps- L2 unmanaged switch with 2SFP port. (Giga switch) of (Cisco /	Nos.	1.00		
8.0	Supply & fixing 1Mtr long E-CAT 6 PATCH Cord (Make D-LINK,AMPor Equivalent Make)	No.	11.00		
9.0	Supply & fixing 2Mtr long E-CAT 6 PATCH Cord (Make D-LINK,AMP or Equivalent Make)	No.	11.00		
TOTAL DATA / TELEPHONE WAIRING				Rs.	

1.1 ELECTRICAL WIRING WORK	Rs.	
1.2 COMPUTER WIRING WORK	Rs.	
1.3 A.C. WIRING WORK	Rs.	
2.PANEL BOARD & DISTRIBUTION BOARDS.	Rs.	
3. FITTINGS OF FIXTURES	Rs.	
4. EARTHING	Rs.	
5.DATA / TELEPHONE WAIRING	Rs.	
G.TOTAL	Rs.	

B.O.Q OF INTERIOR WORK FOR UCO BANK , ATM AT-TRITOL .

Sl. No.	Particulars	Units	Qty.	Rate. (Rs)	Amount. (Rs)
1	PANELLING				
	Providing , fitting & fixing paneling work made out of 1"X1.5" aluminium section frame work. The sections are to be placed 600mm c/c. 6 mm ply to be nailed over the surface of the frame work and 1mm thick laminate of approved shade be pasted over the ply surface as per design. The edges to be covered with decorative beading, including two coat of wax polish to superior finish, including cost of all labour & material .	Sft	200.00		
2	FRONT ENTRANCE DOOR AND PARTITION				
	Providing and fixing Entrance Door (glazed) as per drawing in black Anodised aluminium door single groove section of size 125mmx25mm (Jindal make) in top and bottom & sides glazed with 12 mm thick glass of approved make with chemical eaching design as per drg. . Item to include all necessary hardware of Stainless Steel finish as approved by the Project Consultant/Bank complete in all respects.				
	a) Open able portion (it include SS finished H type 1'-6" long door handle)	Sft	24.50		
	b) Fixed portion	Sft	50.00		
3	FLOOR SPRING				
	Providing and fixing Godrej make heavy duty floor spring in entrance door with necessary fixtures and fittings etc.	Nos	1.00		
4	FALSE CEILING				
	Providing & fixing at site plain Gypsum Board false ceiling made out of 12.5 mm thick paper reinforced gypsum board sheets to be fixed with main frame channels of size(80 mm x 26 mm x 0.5 mm) at every 450 mm c/c, intermediate channels of size(15 mm x 45 mm x 0.9 mm) at every 1220 mm c/c with perimeter channel 20 mm x 26 mm x 0.5 mm all along the wall shall be provided . The frame work to be suspended with strap bolts as recommended using rail plugs 12.5 mm dia x 35 mm long with 6 mm dia bolt and soffit cleat. Ceiling surface is to paint with two coats of distemper to get a smooth & even look including the cost of hard ware fittings,all labour & materials.	Sft	60.00		
TOTAL					

B.O.Q ELECTRICAL WORK FOR UCO BANK A.T.M AT TRITOL BRANCH .

SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
	1.1 ELECTRICAL WIRING WORK				
1.0	Concealed / resessed / surface point etc. wiring using 1100V FRLS grade 3R (P+N+E) x 1.5 Sq.mm FRLS multi stranded copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through rigid FR/FRLS PVC conduits of 20mm Dia 1.5 mm thick laid concealed over false ceiling or in wall chases or on the ceiling in case of an open ceiling, with modular type switch plate, switches, GI concealed back box, etc. of legrand mylinc or equivalent make. S.I.T.C.(Supply Installation Testing And Commissioning) as directed by the Engineer-in-charge. (Each circuit shall not feed more than 8 points OR 800 watts as per following configuration.)				
	NOTE:- 1. Only FRLS wire shall be used; 2. The wires from ceiling junction to light points / light fixture shall be drawn in flexible PVC conduit with adptor & cover for junction box & crimp type lugs at both the ends alongwith necessary hardware & accessories, etc. as required; 4. Looping of Neutral / Earth wire between two seperate Primary / Full Points is strictly not allowed; 5. Looping of Neutral / Earth wire between two seperate circuits on similar or other phase is strictly not allowed; 6. Ferulling / numbering / taggning to wires with circuit number & db name for all lighting & raw / ups power shall be strictly followed at both DB & switch board / switch socket boards ends.				
1.1	Primary light/Call bell points including the cost of clip in type 6A Modular switch of legrand mylinc or equivalent make. S.I.T.C. as directed by the Engineer-in-charge.(1 light controlled by one switch)	Nos.	1.00		
1.2	Subsequent point (Looped From Primary)	Nos	2.00		
1.3	Primary light points including the cost of clip in type 6A Modular switch of legrand mylinc or equivalent make & model as approved by project in charge. (I light controlled by one switch UPS point)	Nos.	1.00		
2.0	Supply,installation and testing of timer with contactor (L&T / Legrand) make controlling the glowsign board with 16 Amp Modular switch of legrand mylinc or equivalent make mounted on separate board using suitable size galvanized iron junction & switch boxes & clip in type modular type switch plate,etc all accessories complete enclosed in Powder coated metal box as required,Supply taken from Nearest L.D.B.wiring using 1100V FRLS grade 2R (P+N) x 2.5 Sq.mm +1R (E) x 1.5 Sq.mm FRLS multi stranded copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through rigid FR/FRLS PVC conduits of 20mm Dia 1.5 mm thick as per direction of Engineer in charge. The system will be apart of the panel board.	Nos.	1.00		

SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
3.0	Supply of all required materials and wiring to circuits/submains with following number and sizes of PVC insulated 1100 volt grade multi standard FRLS copper wire run inside rigid FR/FRLS PVC conduits of 20mm Dia 1.5 mm thick 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.				
3.1	Recessed wiring with (2Rx2.5sqmm +1Rx1.5sqmm) copper wire (LDB/RDB to Common Switch board and Points)	Mts	20.00		
TOTAL FOR ELECTRICAL WIRING WORK				Rs.	
1.2 COMPUTER WIRING WORK					
1.0	Concealed power point using 16 Amp 3 Pin plug socket with 16 Amp Modular switch of legrand mylinc or equivalent make mounted on separate board using suitable size galvanized iron junction & switch boxes & clip in type modular type switch plate,etc. Supply taken from R.D.B./ Nearest L.D.B wiring using 1100V FRLS grade 2R (P+N) x 2.5 Sq.mm +1R (E) x 1.5 Sq.mm FRLS multi stranded copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through rigid FR/FRLS PVC conduits of 20mm Dia 1.5 mm thick . The point should not taken from any switch Board. S.I.T.C. as directed by the Engineer-in-charge.	Nos	2.00		
2.0	Supply of all required materials and wiring to circuits/submains with following number and sizes of PVC insulated 1100V FRLS grade 3R (P+N+E) x folling size FRLS multi stranded copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through rigid FR/FRLS PVC conduits of 20mm Dia 1.5 mm thick ISI mark laid concealed over false ceiling or in wall chases or on the ceiling in case of an open ceiling including of as required and multy stranded copper wire of folling size 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.				
2.1	Concealed wiring with (2Rx4.0 sqmm +1Rx2.5sqmm) copper wire (U.P.S. OUTPUT to C.D.B.)	Mts	40.00		
TOTAL FOR COMPUTER WIRING WORK				Rs.	

SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
1.3 A.C. WIRING WORK					
1.0	Supply of all required materials and wiring to 2 nos of Split AC point in System Room with 2 nos 16 Amp Modular socket of legrand mylinc or equivalent make mouted on suitable size GI concealed Box controlled by 25 Amp Digital timer operated Alternately supplied by a 25 Amp RCBO Sensitivity 30mA Enclosed in 8 way SPN DB of Legrand or Equivalent make taken from Nearest M.L.D.B. with galvanized iron junction & switch boxes & clip in type modular type switch plate, switches, GI concealed back box, etc. .The point should not taken from any switch Board. S.I.T.C. as directed by the Engineer-in-charge.	Nos.	1.00		
2.0	Supply and Installation of all required materials and wiring to circuits/ submains with following number and sizes of PVC insulated 1100 volt grade standard FRLS copper wire run through rigid FR/FRLS PVC conduits of 20mm/32mm Dia 1.5 mm thick 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.				
2.1	Concealed wiring with 2 X 4sq. mm + 1 X 2.5sqmm copper wire (From ACDB/M.L.D.B. to 2.0 Ton Cassette /Split A.C. points through DP Isolator.)	Mts	20.00		
TOTAL FOR AC WIRING WORK				Rs.	
2. FITTINGS OF FIXTURES					
(NOTE : ANY OF FIXTURES AND FITINGS SHALL BE RE-CONFIRMED WITH THE ARCHITECTS / CONSULANTS BEFORE ORDERING THEM.					
Supply , Installation, testing and commissioning of lighting fixtures with lamps and LED driver as per the details below including necessary hardware such as clamps, nuts, bolts, nails, screws and suspension rods as required for fixing the fixtures in position as directed by architect / consultant / client including supply and fixing flexible wires from holder to fixtures hardwares etc. Note :- All Light Fixtures, Fans, Exhaust Fans & other fittings samples shall be approved by the Client / Architect / Consultant before placing order to the Light Fixture Vendor / Supplier makes are specified. Client / Architect / Consultant reserves right to approve / select final Light Fitxtures from any make as required.					
1.0	Supply,installation and testing of recess LED lights fittings (18 W) of squire type with all accessories complete of Crompton LSDN-18-CDL/TL/WW Equivalent Make as required as per direction of Engineer in charge.	Nos.	2.00		
2.0	Supply,installation and testing of recess LED lights fittings (6W) of spot type all accessories complete of Crompton LSCRM-12W-CDL/NW/WW or Equivalent Make as required as per direction of Engineer in charge.	Nos.	2.00		
TOTAL FOR FITTINGS OF FIXTURES				Rs.	

SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
3. EARTHING					
1.0	Supplying and fixing of Earthing with copper earth plate of size 600 mm X 600 mm X 3.18 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with alternative layer of 150mm thick charcoal/ coke and salt as required.	SET	1.00		
2.0	Supplying and laying earth connection from earth electrode with 4.00 mm dia copper wire in 15 mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	Mts.	3.00		
3.0	Supplying and laying 4.00 mm dia copper wire on surface or in recess for loop earthing as required.	Mts.	15.00		
TOTAL EARTHING				Rs.	
4. DATA / TELEPHONE WAIRING					
1.0	Supply of all required materials and laying of CAT-6 LAN wiring from server to Hub and Hub to computer I/O Points of approved brand ((D-Link/Digilink/Amps) laid through rigid FR/FRLS PVC conduits of 20mm Dia 1.5 mm thick of ISI mark duly burried under floor with necessary chasing / breaking in floor and to be refinished with all necessary civil material etc. or to be cleated on wall / ceiling with saddles / spacer etc. necessary termination etc. complete as in all respect including making good to all damages caused and as per the direction of Consultant and Engineer-in-charge.	Mts	30.00		
2.0	Supply , fixing of RJ 45 information outlet (I/O) with safety sutter of D-link make with front modular cover plate, flush box metallic or PVC for trucking system etc.	Nos.	2.00		
3.0	Supply & fixing 1Mtr long E-CAT 6 PATCH Cord (Make D LINK,AMP or Equivalent Make)	No.	2.00		
4.0	Supply & fixing 2Mtr long E-CAT 6 PATCH Cord (Make D LINK,AMP or Equivalent Make)	No.	2.00		
TOTAL DATA / TELEPHONE WAIRING				Rs.	

1.1 ELECTRICAL WIRING WORK	Rs.
1.2 COMPUTER WIRING WORK	Rs.
1.3 A.C. WIRING WORK	Rs.
3. FITTINGS OF FIXTURES	Rs.
4. EARTHING	Rs.
5. DATA / TELEPHONE WAIRING	Rs.
G.TOTAL	Rs.