



UCO BANK
ZONAL OFFICE, BALASORE

TENDER DOCUMENT
FOR
INTERIOR WORKS OF JAMSULI BRANCH & A.T.M (FURNISHING, ELECTRICAL & DATA CABLING
WORKS)

DATE OF SUBMISSION OF TENDER:-22-03-2021 TO 31-03-2021 UPTO TIME: 04.00 PM

PLACE OF SUBMISSION OF TENDER:- THE ASST.GENERAL MANAGER, UCO
BANK, ZONAL OFFICE, BALASORE 756001

CONSULTANT

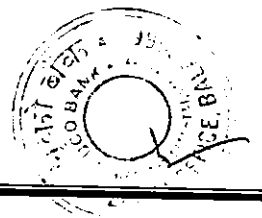
TECHNO ARCH

Plot No - 71/7, Jadupur, Near City Bus Stand, Bhubaneswar.19

Ph.0674-2551479, Mobile. 9437189632

TENDER NOTICE

Sealed item rate tenders in duplicate are invited on behalf of the The Zonal Manager , Zonal
Office,Balasore, from the Contractors Empanelled with the Bank (Zonal office, Balasore) for
the work of INTERIOR FURNISHING,ELECTRICAL & DATA CABLING WORKS OF BRANCH PREMISES
FOR UCO BANK at JAMSULI BRANCH & A.T.M (BALASORE, ODISHA).



01. Issue of tender documents : Dt. 22/03/2021 to 31/03/2021 upto 4.00PM
02. Last date of receipt of tender document : 31/03/2021 up to 4.00 PM
03. Date & Time of opening : 03 /04/2021 at 11.00 AM
04. Place of submission of bids : UCO Bank, Zonal office, Balasore.
05. Date of commencement : 7 days from issue of work order.
06. Date of completion of work : 30 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. 8,000/- (Rupees eight thousands only)
10. Security deposit : @2 % of contract value including EMD before awarding the work.
11. Release of retention money/ earnest money : The Earnest money deposited shall not carry any interest and will be refunded to unsuccessful tenderers after allocation of work order.
The Earnest money of successful tenderer will be release after completion of work and certification of final bill.
12. Liquidated damages for non completion of work within the date of completion : Rs. 10,000/- (Rupees Ten Thousand only) for every week if the work remains unfinished 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 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. Bank reserves the right to negotiate with lowest tenderer as it is Bank's discretion.
17. ANY FREAK RATE OF INDIVIDUAL ITEM ON HIGHER SIDE ARE LIABLE FOR NEGOTIATION.


A.G.M.
FOR & ON BEHALF OF
UCO BANK
ZONAL OFFICE BALASORE.



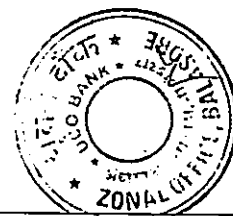
DOCUMENTS FURNISHED BY THE TENDERER.

- 1) Forwarding letter without mentioning the cost of Tender value arrived at with quoted rates.
- 2) Duly filled annexure-I for particulars furnished for Name, address & Type of firm with organization details, Trade License, Registration Certificate Copy, Certificate related to carpentry work, telephone numbers, fax numbers etc.
- 3) Annexure- II Detailed Particulars for the works done in past five years.
- 4) Annexure- III particulars in respect of work executed
- 5) Annexure-IV key personnel permanently employed with you.
- 6) Annexure-V other relevant information.
- 7) List of similar work completed in last 5 years with details enclosing completion certificate from the clients the clients along with the names of four responsible clients/ persons with address & telephone number who will be in position to certify about quality as well as past performance of your organization.
- 8) List of similar works in hand with details enclosing the copies of work orders from the clients.
- 9) Copies of the Audited Balance Sheet for the last three (3) Years along with the Profit & Loss Account.
- 10) Banker's Certificate for credit worthiness.
- 11) Valid Income Tax/ Pan Card, GST Registration Certificate etc.
- 12) List of disputes/ litigations entered into, if any, with its details.
- 13) Earnest money deposit furnished in the form of Crossed Demand Draft / Banker's Cheque drawn in favor of UCO BANK, ZONAL OFFICE BALASORE and payable at Balasore for the amount indicated in the Notice of Invitation to Tender.
- 14) In support of above, the bidder must submit the documentary evidences in the form of Work Order copies & completion certificate, all annexure -I,II,III,IV,V etc. without which the offer is liable to be rejected.
- 15) Any comment which the tenderer desires to make in the form of a statement as brief as possible and with reference to the items.



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 are 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 tenderer** to whom the Contract shall be awarded.
- 4) The "Works" shall mean the Interior works comprising of Furnishing work for Branch at JAMSULI 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 all requisite documents as mentioned above and all desired tenderer will submit the sealed envelope with super scribed on the top of envelop as **"SEALED TENDER for Total Interior Furnishing works for Jamsuli Branch, L.D.M. Office & 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 favor of **UCO BANK, ZONAL OFFICE BALASORE** which will be over and above the performance security. **The Performance Security must be pledged within 5 days of opening of the tender or else the tender will be canceled and the EMD of the contractor will be forfeited.**
- 13) The Contractor shall be penalized if the work is not completed within the scheduled time, the Bank will be entitled to charge liquidated damages @ 10% of the accepted contract sum per week subject to a maximum of 10% of the accepted contract sum.
- 14) 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) 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 tenderer.
- 13) In case of breach of contract by the Contractor for slow progress of works or any other claim of damage, the Employer or the Architect may have the power to rescind the contract without 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.

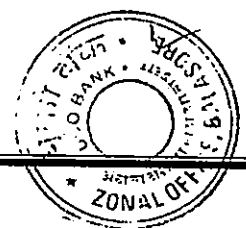
17) In case of any dispute, the matter will be referred to the Zonal manger, UCO BANK, Zonal Office, Balasore.

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

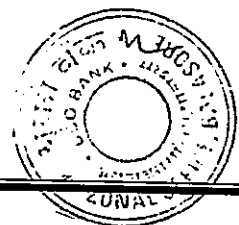
- | | |
|---------------------------------|---|
| 1. Completion Period | : 30 Days |
| 2. Date of Commencement | : 7 days from the date of issue of the work order. |
| 3. Defect Liability Period | : One year after actual completion of work. |
| 4. Total security deposit (TSD) | : 10 % of the executed value of the work. |
| 5. 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. |
| 6. Validity of tender | : Three month after the opening of the tender. |
| 7. Rules/ Regulations | :The contractor shall have the 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. |
| 8. 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. |
| 9. Damage to property | Any damage to the Bank's property during the work period will be recovered from the contractor. |



- | | |
|---------------------------|---|
| 10. Deduction | Tax at source as per Act. |
| 11. Terms of payment | Payment after completion of Project. |
| 12. 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. |
| 13. 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. |
| 14) Release of TSD | :100 % after the Defect liability period. Retention money will not bear any interest. |
| 15. 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. |

LIST OF MATERIALS (INTERIOR WORK)

- | | |
|-------------------------------|--|
| 1. Synthetic Plastic Emulsion | : Berger, Asian, J & N |
| 2. False ceiling | : Gypsum India/ Armstrong |
| 3. Floor tiles | : Johnson's/ NITCO. |
| 4. Laminates | : Sunmica, Century mica, Silicon, Green Lam. |
| 5. Smoked Mirror/Glass | : Modiguard , Saint Goban |
| 6. Floor Spring | : Godrej, Dorma |
| 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. Aluminium section | : OEL, JINDAL |
| 13. Vertical Blinds | : Vista Leover, MAC |
| 14. Ply | : Century, Greenlam |
| 15. Block Board | : Century, Greenlam |



FORM OF TENDER

.....
.....
.....

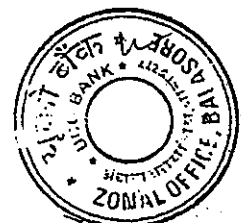
Dear Sirs

Ref:.....
.....
.....

- 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 30 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)

The names of Partners/Directors of the firm Authorized to sign
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



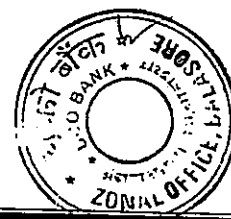
Annexure - I

PARTICULARS TO BE FURNISHED FOR FURNISHING OF INTERIOR

1	Name of Company / Firm			
2	Registered Address of the Company with Telephone No., FAX & E-mail ID:			
3	Northeast Office's Address of the company in / with Telephone No., FAX & E-mail ID:			
4	Year of Establishment			
5	Status of the Company (whether Proprietary / private Ltd. / Public Limited/ Co-operative Society / Public Sector / Autonomous body / Govt. Department			
6	Name of the Proprietor / Directors / Partners / Controlling body:	i) ii) iii)		
7	Whether registered with the Registrar of Companies / Registrar of Firms / Registrar of Co-operative societies. If so, please mention the number of such registration and date			
8	a) Name and Address of Bankers:	i) ii) iii)		
	b) Enclose Solvency certificate from at least one Banker in a sealed envelope marked confidential.			
9	Whether registered for GST. If so, please mention the GST registration number and furnish a copy of such registration certificate:			
10	Whether an assessee of Income Tax. If so, please mention the Permanent Account Number:			
11	Furnish copies of audited Balance Sheet with Profit & Loss account for last three Years :	<u>2017-18</u> <u>2018-19</u> <u>2019-20</u>		
12	Whether empanelled with other PSU Banks / Govt. Deptts. / PSUs / Autonomous bodies. If so, please furnish the following particulars:			
	<u>Name of the Organisation / Financial Institution</u>	<u>Trade/Services</u>	<u>Date of Empanelment</u>	<u>Validity</u>
13	Furnish the names of three responsible persons who will be in a position to certify about the quality as well as past performance of your organization	i. ii. iii.		

The particulars furnished in the application are true to the best of my/our knowledge & belief. I/we understand that if any of the particulars is found incorrect, even at a later stage, my/our empanelment will be cancelled.

Date:

Signature of Applicant
(Seal)

Annexure – II

Detailed Particulars for the works done in past seven years:

work completed	Name of organization	Name of work	Value	Compliance of stipulated completion time

(Furnish photocopies of credentials)



Annexure -III

Particulars in respect of work executed

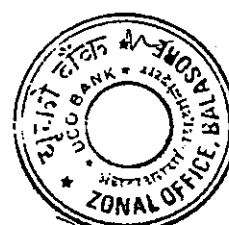
Sr. No.	Name of work/Project with address	Short description of work executed	Name & address of owner	Value of work executed	Stipulated time of completion	Actual time of completion	Name of Architect / Consultant



Annexure -IV

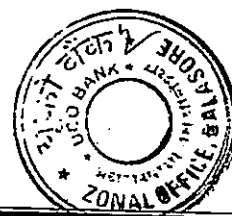
Key personnel permanently employed

Sr. No.	Name	Designation	Qualification	Experience	Years with the firm	Any other



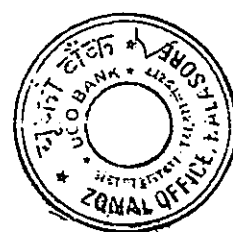
Other relevant information**Work Force:**

Sr. No.	Permanently employed	No.	Any other	Years with the Firm
1	Masons			
2	Carpenters			
3	Mechanics			
4	Electricians			
5	Mate/helpers			
6	Others			



Workshop facilities:**Annexure – VI**

Sr. No.	Location	Land Area	Type of structure	Type of facilities



FORM OF BANK GUARANTEE FOR INITIAL SECURITY DEPOSIT

ANNEXURE - X

Form No. _____

Dated : _____

M/s UCO Bank,
Zonal Office,

Dear Sirs,

GUARANTEE NO. :

AMOUNT OF GUARANTEE:

GUARANTEE COVER FORM:

LAST DATE OF LODGEMENT OF CLAIM:

This Deed of guarantee executed ON THIS DAY OF..... BETWEEN UCO BANK, A BANK CONSTITUTED UNDER THE BANKING COMPANIES (ACQUISITION & TRANSFER OF UNDERTAKINGS) ACT, 1970 AS AMENDED FROM TIME TO TIME HAVING ITS HEAD OFFICE AT 10, B.T.M SARANI, KOLKATA - 700001 AND HAVING INTER ALIA A ZONAL OFFICE AT ----- (HEREINAFTER REFERRED TO AS THE "EMPLOYER/UCO BANK") WHICH EXPRESSION SHALL INCLUDE ITS SUCCESSOR/ASSIGNEES.

AND

..... BANK, A BANK CONSTITUTED UNDER THE BANKING COMPANIES (ACQUISITION & TRANSFER OF UNDERTAKINGS) ACT, 1970 HAVING ITS HEAD OFFICE AT AND INTER ALIA A BRANCH OFFICE AT (HEREINAFTER REFERRED TO AS "THE GUARANTOR") WHICH EXPRESSION SHALL INCLUDE ITS SUCCESSOR/ASSIGNEES.

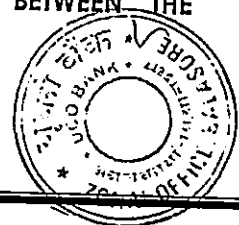
AND

....., A COMPANY REGISTERED UNDER THE COMPANIES ACT, 1956, HAVING ITS HEAD OFFICE AT (HEREINAFTER REFERRED TO AS "THE CONTRACTOR") WHICH EXPRESSION SHALL INCLUDE ITS SUCCESSOR/ASSIGNEES.

WHEREAS THE CONTRACTOR M/S HAS BEEN AWARDED A CONTRACT FOR CONSTRUCTION OF BANK BUILDING AT ----- FOR RS (Hereinafter referred to as the 'said contract') AND ACCORDING TO THE SAID CONTRACT, THE SAID CONTRACTOR IS REQUIRED TO DEPOSIT INITIAL SECURITY DEPOSIT OF RS

AND WHEREAS IN CONSIDERATION OF THE EMPLOYER/UCO BANK HAVING AGREED TO EXEMPT THE CONTRACTOR FROM DEPOSITING THE SECURITY DEPOSIT OF RS UNDER THE TERMS AND CONDITIONS OF THE SAID CONTRACT ENTERED INTO BY AND BETWEEN THE EMPLOYER/UCO BANK AND THE CONTRACTOR ON THE CONTRACTOR FURNISHING A BANK GUARANTEE FOR SECURITY DEPOSIT AMOUNT IN FAVOUR OF THE EMPLOYER/UCO BANK FOR THE DUE FULFILLMENT OF THE CONTRACT BY THE CONTRACTOR.

AND WHEREAS THE CONTRACTOR HAS APPROACHED THE GUARANTOR BANK FOR ISSUE OF SUCH A GUARANTEE IN FAVOUR OF THE EMPLOYER/UCO BANK ON BEHALF OF THE CONTRACTOR FOR THE PERFORMANCE AND DISCHARGE OF THE OBLIGATIONS OF THE CONTRACTOR UNDER THE SAID CONTRACT ENTERED INTO BY AND BETWEEN THE EMPLOYER/UCO BANK AND THE CONTRACTOR.

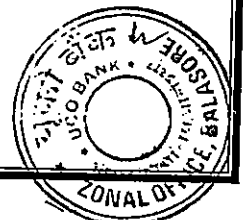


AND WHEREAS THE EMPLOYER/UCO BANK HAS FORWARDED A DRAFT BANK GUARANTEE WHICH THE CONTRACTOR HAS SCRUTINISED AND APPROVED AND THEREAFTER REQUESTED THE GUARANTOR BANK TO ISSUE A BANK GUARANTEE IN FAVOUR OF THE EMPLOYER/UCO BANK IN ACCORDANCE WITH THE TERMS CONTAINED IN THE DRAFT BANK GUARANTEE PROVIDED BY THE EMPLOYER UCO BANK.

NOW, THEREFORE, THESE PRESENTS WITNESSETH AND THE PARTIES HEREBY AGREE AS FOLLOWS:

1. THE GUARANTOR BANK HEREBY UNDERTAKES TO PAY TO THE EMPLOYER/UCO BANK UPTO RS AS MAY BE DUE AND PAYABLE UNDER THIS GUARANTEE ON THE FIRST DEMAND BEING MADE WITHOUT ANY DEMUR IRRESPECTIVE OF ANY DISPUTE BETWEEN THE CONTRACTOR AND THE EMPLOYER/UCO BANK IN RESPECT OF ANY AMOUNT OF CLAIM AGAINST THE CONTRACTOR AS BEING DUE BY WAY OF LOSS OR DAMAGE CAUSED TO AND SUFFERED BY THE EMPLOYER/UCO BANK WITHOUT ANY QUESTION AS TO THE FACTUM OR QUANTUM THEREOF PROVIDED THAT THE LIABILITY OF THE GUARANTOR BANK UNDER THIS GUARANTEE SHALL BE RESTRICTED TO AN AMOUNT NOT EXCEEDING RS
2. THE BANK GUARANTEE CONTAINED HEREIN SHALL REMAIN IN FULL FORCE AND EFFECT FOR A PERIOD OFYEARS FROM THE EXECUTION HEREOF AND THAT IT SHALL CONTINUE TO BE ENFORCEABLE BY THE EMPLOYER BANK TILL ALL THE DUES THEREUNDER OR BY VIRTUE OF ANY AGREEMENT HAVE BEEN DULY PAID AND THE CLAIM WILL BE SATISFIED OR DISCHARGE OR THAT THE SAID AGREEMENT/CONTRACT IS FULLY CARRIED OUT BY THE SAID CONTRACTOR .
3. THE GUARANTOR BANK AGREES AND DECLARES THAT THE EMPLOYER/UCO BANK HAVE FULLEST LIBERTY WITHOUT THE WRITTEN CONSENT OR PRIOR APPROVAL AND WITHOUT AFFECTING ANYTHING IN ANY MANNER ANY OBLIGATION HEREUNDER TO VARY ANY OF THE TERMS AND CONDITIONS OF THE SAID AGREEMENT/CONTRACT OR TO EXTEND THE TIME OF PERFORMANCE BY THE CONTRACTOR FROM TIME TO TIME OR TO POSTPONE AT ANY TIME OR FROM TIME TO TIME ANY OF THE POWERS EXERCISABLE BY THE EMPLOYER UCO BANK AGAINST THE CONTRACTOR AND TO FORBEAR TO ENFORCE ANY OF THE TERMS AND CONDITIONS RELATING TO THE SAID AGREEMENT/CONTRACT AND IT IS DECLARED THAT NOT WITHSTANDING ANY SUCH VARIATION OR EXTENSION OR FORBEARANCE, ACT, OMISSION OR INDULGENCE ON THE PART OF THE EMPLOYER/UCO BANK IN FAVOUR OF THE CONTRACTOR, THE GUARANTOR BANK SHALL NOT BE RELEASED OF ITS LIABILITY BY REASON OF ANY SUCH VARIATION, EXTENSION, ACTS OR FORBEARANCE.
4. THE GUARANTOR BANK HEREBY UNDERTAKES NOT TO REVOKE THE GUARANTEE DURING ITS CURRENCY EXCEPT WITH THE PREVIOUS CONSENT OF THE EMPLOYER/UCO BANK AND THIS GUARANTEE WILL NOT BE DISCHARGED DUE TO THE CHANGE IN THE CONSTITUTION OF THE EMPLOYER BANK OR THE GUARANTOR BANK OR THE CONTRACTOR.
5. ANY CLAIM FOR THE BREACH OF CONTRACT BY THE CONTRACTOR OR FOR ANY LOSS OR DAMAGES SUFFERED BY THE EMPLOYER/UCO BANK SHOULD BE MADE BY INVOCATION OF THESE BANK GUARANTEE WITHIN ITS VALIDITY PERIOD. NO CLAIM UNDER THIS GUARANTEE SHALL BE ENTERTAINED BY THE GUARANTOR BANK AFTER 3 MONTHS FROM THE DATE OF EXPIRY OF THE BANK GUARANTEE PERIOD.
6. THAT ON INVOCATION OF THE BANK GUARANTEE THE BANK WOULD PAY TO THE EMPLOYER UCO BANK WITHOUT ANY QUESTION AS TO ANY BREACH OF THE AGREEMENT OR LOSS SUSTAINED OR OTHERWISE AND THE INVOCATION IN TERMS OF THE GUARANTEE WILL BE TAKEN AS FINAL AND CONCLUSIVE.

NOTWITHSTANDING ANYTHING CONTAINED HEREIN :



- (1) OUR LIABILITY UNDER THIS BANK GUARANTEE SHALL NOT EXCEED RS
.....(RUPEES.....) ONLY
- (2) THIS BANK GUARANTEE SHALL BE VALID UPTOAND
- (3) WE ARE LIABLE TO PAY THE GUARANTEED AMOUNT OF ANY PART THEREOF UNDER THIS
BANK GUARANTEE ONLY AND ONLY IF YOU SERVE UPON A WRITTEN CLAIM OR DEMAND
ON OR BEFORE(DATE OF EXPIRY OF GUARANTEE).

IN WITNESS WHEREOF THE PARTIES HEREIN EXECUTED THESE PRESENTS ON THE
.....DAY OF OF AT
.....

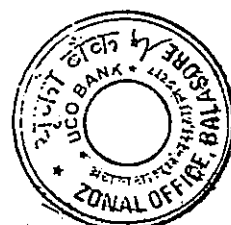
Signed, sealed and delivered by

..... Bank by its
Authorized agent Mr
Being the Manager ofBank
OfBranch.

In the presence of:

- 1.
- 2.

Signature



**FORM OF PERFORMANCE SECURITY
(BANK GUARANTEE)**

IN CONSIDERATION OF THE UCO Bank (hereinafter called the Employer) having agreed to place order on M/S _____ (hereinafter called the Contractor) for execution of contract against the tender being tender no. Datedfor construction of Residential Buildings, Sanitary & Plunging and Area Development work for Construction of Bank Building at _____ as per agreement dated and the Contractor having agreed to execute the contract against the said tender and the contractor having agreed to furnish a Bank Guarantee of Rs. _____ (Rupees _____ Only) litigations for fulfillment of said contract in terms and conditions of the said tender we (Name of the Bank) do hereby undertake to pay to the Employer an amount not exceeding Rs: against any loss or damage caused to or suffered by the Employer by reasons of any breach of the said contract of any of the terms and conditions contained in to said tender.

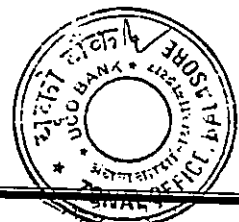
We (Name of Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demur merely on demand from the Employer stating that the amount claimed is due by way of the contractor's failure to perform the Agreement to be executed between Employer and contractor. Any such demand made on the Bank shall be conclusive as regards the amount due payable by Bank under this guarantee. However, our liability under this guarantee, shall be restricted to an amount not exceeding Rs. _____ (Rupees _____ Only) AND FOR THE PERIOD OFYEARS/MONTHS FROM THE DATE HEREOF.

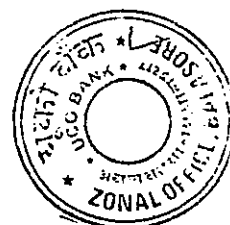
We undertake to pay the Employer any money so demanded notwithstanding any dispute or disputes by the Contractor in any suit or proceeding pending before any court of Tribunal relating there to, or liability under this present being absolute and prequivalocal.

The payment so made by us under this **GUARANTEE** shall be a valid discharge of our liability or payment there under and the contractor shall have no claim against us for making much payment.

We (Name of Bank) further agrees that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance or the Agreement to be executed between Employer and contractor and that, it shall continue to be enforceable till all dues of the Employer under or by virtue the said Agreement have been full paid and its claims satisfied or discharged or till appropriate Authority certifies that terms and conditions of the said Agreement have been fully and properly carried out by the said contractor and accordingly discharges this guarantee. Unless a demand or claim under this guarantee is made on us in writing on or before the (Date) _____ we shall be discharged from all liability under this guarantee.

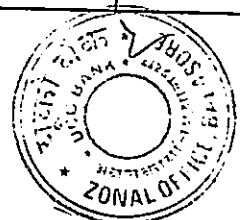
We (Name of Bank) further agree/s with the Employer that the Employer shall have the fullest liberty, without our consent and without affecting in any manner our obligations of the said Agreement to extend time of performance by the said contractor from time to time or to postpone for any time or from time to any of the powers exercisable by the Employer against the said Contractor, and to forebear or enforce any if the terms and conditions relating to the said Agreement, and we shall not be relieved to the said Agreement and we shall not be relieved from our liability by reasons of any such variation or for any such variation or for any forbearance ay or omission on the part of the Employer any indulgence by the Employer to the said contractor .



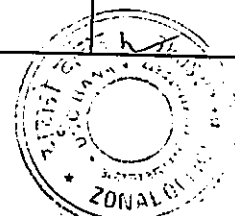


B.O.Q FOR INTERIOR WORK FOR UCO BANK ,JAMSULI BRANCH.

SL. N o.	DESCRIPTION OF ITEMS	UNIT	QUANTIT Y	RATE	AMOUNT
A	PARTITION WORK				
1(A)	FULLY HEIGHT Partition (Semi Glazed / solid) two side mica				
	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" hevy gazed almunium section and/or as per frame work shown in the drawings with 9 mm plywood (conforming IS 710) 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 as 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. (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)	Sft.	350.00		
2.0	LOW HEIGHT Partition (Semi Glazed)				
	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" hevy gazed almunium section and/or as per frame work shown in the drawings with 9 mm plywood (confermin ISI 710) 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.	Sft.	285.00		
3.0	Full glazed Partition				
	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 .	Sft.	27.00		



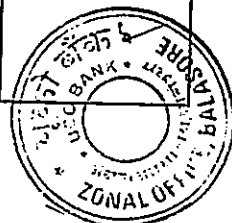
SL.N o.	DESCRIPTION OF ITEMS	UNIT	QUANTIT Y	RATE	AMOUNT
4.0	Pine wood beading Providing , fitting & fixing Pine wood beading in low height partition,cash counter front & low height cash counter front fascia with All pine wood beading surfaces to be finished in PU clear polish as directed . The work should be completed as per direction of architect including cost of all labour & material .				
	i)75mmx18 mm (as per design)	Rft	30.00		
	ii)38mmx19mm (as per design)	Rft	40.00		
B	DOOR WORK				
1.0	Doors – semi glazed Providing and fixing partly glazed doors of sizes as shown in the drawing. The door shutter shall of 35 mm thick flush shutter of approved make (conforming IS 2202) and finished with 1mm thick approved laminate on both sides. The edges finished with teak wood lipping. The shutter will have part glazed 8mm thk float glass with body itching of and necessary TW 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, motise lock (7-lever- 8" lock of Godrej / Doorset make) , aldrops etc., all labour, materials, taxes, leads & lift to the place of work executed to the satisfaction of the Architect.	Sft.	80.50		
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 10 mm thick glass of approved make . Item to include all necessary hardware of Stainless Steel finish and chemical eaching with bank's logo 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	45.00		
3.0	Door closer Providing and fixing Godrej/ Doorset make over head door closers in door with necessary fixtures and fittings etc.	Nos	2.00		
4.0	Floor spring Providing and fixing Godrej/ Door set make heavy duty floor spring in entrance door with necessary fixtures and fittings etc.	Nos	1.00		
5.0	Night latch lock Providing and fixing Knightlatch lock of Godrej make to cash counter door with necessary fixture and fittings etc as per direction of architect.	Nos	2.00		



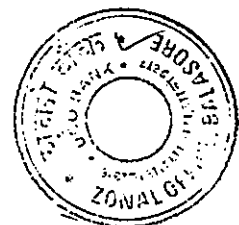
SL.N o.	DESCRIPTION OF ITEMS	UNIT	QUANTIT Y	RATE	AMOUNT
6.0	Depository cabinate.				
	Providing and fixing readymade Depository cabinate i.e drawer cum safe unit of (Godrej) make at cash counter as per instruction of architect including all cost.	Nos	2.00		
C	FURNITURE WORK				
1.0	Cash Counter				
	Providing and fixing of cash counter table of size 4'-3"x2'-9"x2'-6" the front fascia is raised up to ht of 3'-10" with a horizontal 15" wide counter top and front drawer unit consisting 3 Nos of drawer units slides on telescopic slider made up of 19mm th.BWR grade ply (conforming IS 710) 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 finished with 0.7 mm th inner laminate . 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 dupli'cate : other necessary hardware and accessories including satin finish S.S handles. knobs and wire - managers etc. of approved qualityThe work should be mpleted including all labour and material.	Nos	2.00		
2.0	Front officer counter.				
	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 dupli'cate : other necessary hardware and accessories including satin finish S.S handles. knobs and wire - managers etc. of approved qualityThe work should be mpleted 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	2.00		



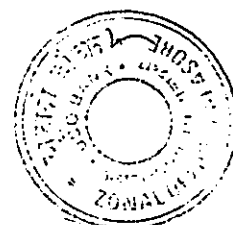
SL. N o.	DESCRIPTION OF ITEMS	UNIT	QUANTIT Y	RATE	AMOUNT
3.0	Executive/ officer,s table Providing and erecting in position, Manager's/Officer's Tables as per drawing and conforming to the following specifications.basic structure of 19 mm thick BWR grade block board for sides and modesty panel, finished with 1.00 mm thick laminate sheet of approved shade and make including inner faces.drawer-cum-cabinet uriit of approximate overall size of 400 x 500 x..600 inm (w x d x h) of 19 mm thick BWR grade block board and 12/6 mmthick BWR grade plywood. The drawer unit shall comprise of 3 sliding drawers: The drawer unit shall be finished with 1.00 mm thick laminate sheet of approved shade. Inner faces of cabinet shutters/drawers' shall be painted with 0.7 mm th inner mica Quoted rates shall also include cost of polished teak wood- lipping (6mm thick) to free edges of block board /plywood surfaces; approved drawer-slides, hinges and locks with keys in dupli'cate : other necessary hardware and accessories including satin finish S.S handles. knobs and wire - managers etc. of approved quality. The item also include 8mm th. clear glass mechine cut and mechine polished over table top as per requirement .The job should be completed including all labour and material as per instruction of architect.				
	b) Approx. size of 6'-0" x 2'-9"X 2'-6"	Nos	1.00		
	c) Approx. size of 4'-6" x 2'-5"X 2'-6"	Nos	1.00		
4.0	Side storage cabinate Providing and fixing of side storage cabinate having 450mm. depth of made out of 19mm th. block board having one horizontal intermediate shalves. The storage unit should have locking arrangement with front shutter .The exposed surface is to finished with 1.0mm th.laminates as per design of approved shade and the inner surface is finished with 0.7 mm th inner laminate . The work also include intermediate shaves as per design .The work should be completed according to drawing and design including all labour and materials.	Sft.	23.75		
5.0	Storage Cabinate. Providing and fixing of low/ full height storage cabinate having 450mm. depth of made out of 19mm th. block board having one horizontal intermediate shalves. The storage unit should have locking arrangement with front shutter .The exposed surface is to finished with 1.0mm th.laminates as per design of approved shade and the inner surface is finished with 0.7 mm th inner laminate . The work also include intermediate shaves as per design .The work should be completed according to drawing and design including all labour and materials.	Sft	30.00		



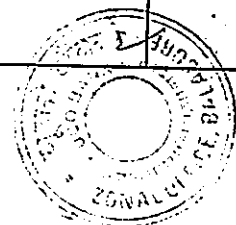
SL.N o.	DESCRIPTION OF ITEMS	UNIT	QUANTIT Y	RATE	AMOUNT
6.0	Key board tray.				
	Providing and supplying metal Keyboard tray without Mousepad manufactured by M/s Godrej / EBCO . The keyboard is a pullout type, fixed to channels and screwed to below table top	Nos	6.00		
7.0	CPU Trolly.				
	Providing 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	6.00		
E	OTHER WORK				
1.0	False ceiling (Gypsum board.)				
	Providing & fixing at site plain gypsum board stepped/ flush false ceiling as per pattern & design made from 12.5mm thk paper reinforced gypboard sheets fixed with mainframe channels 80mm x 26mm x 0.5mm, every 450mm c/c or as mentioned in drawing intermediate channels 15mm x 45mm x 0.9mm at every 1220mm c/c with perimeter channel 20mm x 26mm x 0.5mm all along the wall shall be provided. The whole system to be suspended with strap bolts as recommended using rawl plugs 12.5mm dia. x 35mm long, with 6mm dia bolt & soffit cleat 27mm x 37mm x 25mm x 1.6mm thk. Gypboards to be screw fixed to the above framework using 25 mm dry wall screws. Provisions of melamine polished white beach wood moulding at wall / partition joints. Arrangements are to be made to accommodate light fixtures by forming recessed channels etc., wherever directed. Depressions, nails & screws, jointing & finishing etc., shall be done with jointing compound & paper tape. Ceiling shall be finished with painting 2 coats of plastic emulsion paint (velvet touch) of approved shade . Ceiling to be leveled & free from cracks including fixing GI perimeter to hold light fittings. Item to be completed in all respect to the Architect's approval. Provision of Opening (openable) min 4 nos(for maintenance purpose) in ceiling as per site conditions are to be done with necessary timber frame work tied with perimeter channel properly such as to match the remaining area of ceiling by leveling perfectly complete in all respect. This rate includes cost of all materials, labours,	Sft.	560.00		



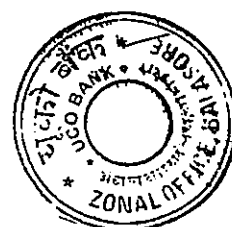
SL. N o.	DESCRIPTION OF ITEMS	UNIT	QUANTIT Y	RATE	AMOUNT
2.0	False ceiling (Armstrong) Providing & fixing in position false ceiling in Armstrong 600 x 600 mm x 15/16 mm Dune Supreme RH 99 Prima tile with Tegular edge framework as specified by Armstrong Co. with suspenders wherever required. Making necessary 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	404.00		
3.0	Panelling (Mica finished) Providing and fixing wall / column paneling with 37.5mm x 25mmx1.5 mm hollow aluminum square tube frame work covered by 6/12 mm thick BWP ply and finished with 1mm thick laminate / 1mm thick glossy mirror finish laminate pasted as per design and 100x12mm teak wood skirting polish finished including provisions for providing electrical switch box etc complete as per the tender specification . The work should executed as per as per Architect's recommendation & as directed by EIC. Cost includes all type of material, labour , necessary , staging , tools tackles, etc complete .	Sft.	80.00		
4.0	Cheque drop box / Sugession box Supplying and erecting cheque drop box (overall size 450 mm x 300 mm x 750 mm) made. of 19mm thick phenol formaldehyde bonded plyboard and the curved portion at top made out of 90 mm x 90 mm C.Pteak wood section. A slit opening of 10 mm x 150 mm is to be provided at the top of the box. An openable shutter of 259 mm x 262 mm size made of 19 mm thick phenol formaldehyde bonded block board is to be provided at 1.50 mm above finished floor level. All the exposed timber surfaces including. all free edges are to be finished with 1 mm thick laminate sheet of combination shade .Inner faces of block board surfaces are to be finished with minimum two coats of synthetic enoma!. paint of approved shade and quality over a coat of approved primer.Rate .to include cost of necessary hardware fittings e.g. brass hinges, lock, knob etc. of approved.designand quality.	Nos	2.00		



SL.N o.	DESCRIPTION OF ITEMS	UNIT	QUANTIT Y	RATE	AMOUNT
5.0	Writing platform for customers & application form set Providing , fitting , fixing writing plat form at a height of 4' above floor level fixed to the wall made out of 19 mm BWP block board with lamination 1 mm tk on top & hard wood beading ducco painted . At least 10 nos vertical slip in chalan shelves attached to wall over writing platform made out of min 4 mm tk acrylic sheets with 6 mm tk ply back up. Each chalan shelf will be of size 6" height , 6" wide .The entire unit will be complete in all respect including materials ,labor etc to the satisfaction of consultant .	Rft	3.00		
6.0	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	10.00		
7.0	Roller blinds Supplying, fitting & fixing in position coloured 0.33mm thickness acrylic coated cleanable/ washable roller blinds (Marvel make) 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	75.00		
8.0	Wall Putty work. Providing and applying wall puttyputty work punning in order to make the total plastered wall surface perfectly leveled , including cost of all materials, labour, conveyance, taxes, royalties, scaffolding, watering, curing, sundries, T&P, etc., as per direction of Engineer-in-charge.	Sft.	1,100.00		
9.0	Wall plastic paint. Providing & applying 2 coats of plastic emulsion paint of royale ICI dulux & approved shade on wall, columns, beams, ceiling, etc. of back office hall including locker room, including preparation of surface, sand papering the intermediate coats, including cost of all materials, labour, conveyance, taxes, royalties, scaffolding, watering, curing, sundries, T&P, etc., as per direction of Engineer-in-charge.	Sft.	3,800.00		
10.0	Painting (Enamel paint) Providing and applying a priming coat over steel/metal/wooden surfaces including preparation of surface by thoroughly cleaning oil, grease, dirt and other foreign matter and scoured with wire brushes, fine steel wool, scrapers and sand papers. Item also includes painting two coats of Synthetic Enamel paint of approved make and shade to give an even surface including cleaning all dirt dust etc. complete in all respect as directed by the Engineer in charge.	Sft.	80.00		

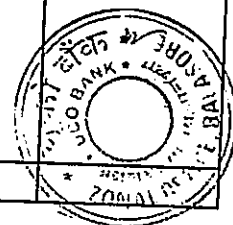


SL.N o.	DESCRIPTION OF ITEMS	UNIT	QUANTIT Y	RATE	AMOUNT
11.0	Façade of front entrance door. Providing and fixing in position Aluminium composite panel boxing with PVDF coating & LDPE core laminated Eurobond / Altobond/ Alukbond Exterior Grade 4 mm thick with composite of (0.5 mm – 3 mm – 0.5 mm) including 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.It also contain the shutter and lock system for the collapsable gate to hide at the entrance as per instruction of the architect. The work should be completed in all respect including all labour and material.	Sft	70.00		
12.0	Electrical 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 luvers 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		
TOTAL					



B.O.Q FOR INTERIOR WORK FOR UCO BANK, ATM AT JAMSUEI

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	250.00		
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 etching 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	15.00		
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		
5	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.It also contain the shutter and lock system for the collapsable gate to hide at the entrance as per instruction of the architect. The work should be completed in all respect including all labour and material.	Sft	70.00		
TOTAL					

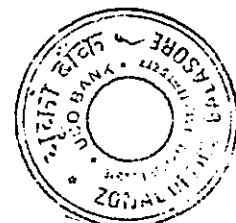


B.O.Q FOR ELECTRICAL WORK FOR UCO BANK, JAMSULI BRANCH.

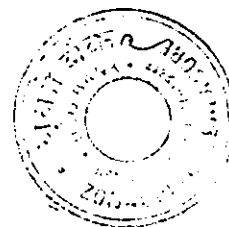
SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
	1. ELECTRICAL WIRING WORK				
1.0	Concealed / Resseded / Surface point etc. wiring using 1100V FRLS grade 3R (P+N+E) x 1.5 Sq.mm FRLS multi stranded copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through rigid FR/FRLS 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.	25.00		
1.2	Primary Fan 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 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	Nos	10.00		
1.5	6 Amp 2/3 pin Modular socket with 6A Modular switch. (on common switch Board.)	Nos.	3.00		
1.6	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.	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 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	3.00		
3.0	Concealed raw power point using 6 Amp, 2/3 Pin Modular plug socket with 6 Amp Modular switch of legrand mylinc 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	7.00		
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 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		



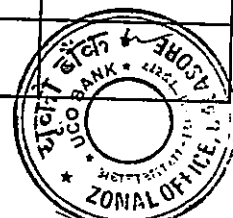
SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
5.0	Supply of all required materials and wiring to circuits/ submains with following number and sizes of PVC insulated 1100 volt grade multi standard FRLS copper wire run inside rigid FR/FRLS PVC conduits of 20mm Dia 1.5 mm thick of ISI mark as required 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	110.00		
5.2	Recessed wiring with (4Rx10sqmm + 2Rx6sqmm) copper wire (PANEL to U.P.S. input)	Mts	20.00		
	TOTAL FOR ELECTRICAL WIRING WORK				
	1.2 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 mylinc or equivalent make.The point should not taken from any switch Board S.I.T.C. as directed by the Engineer-in-charge.	Nos.	4.00		
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 Main Panel Board to Split A.C. points.)	Mts	80.00		
	TOTAL FOR AC WIRING WORK				



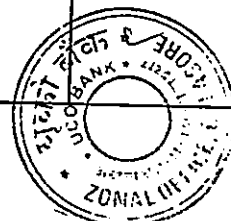
SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
	1.3 COMPUTER WIRING WORK				
1.0	Suppl't and fixing of concealed UPS power points using 1 nos. of 16 Amp, Modular switches to be provided on table top + 4 nos. 6 Amp 3 Pin Modular socket below table top of legrand myline or equivalent make taken 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. Maximum 3 Points per Circuit for counter & Table. S.I.T.C. as directed by the Engineer-in-charge.	SET	7.00		
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 myline 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 following 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 multi stranded copper wire of following 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				
3.1	Concealed wiring with (2Rx2.5sqmm +1Rx1.5sqmm) copper wire (C.D.B. to Computer Points)	Mts	90.00		
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.	



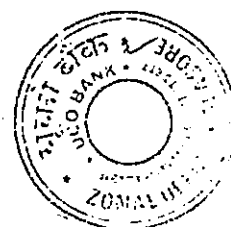
SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
	2. PANEL BOARD & DISTRIBUTION BOARDS.				
1.0	Main Panel Board	Set	1.00		
	Supply, delivery, installation , testing , commissioning , of indoor wall mounted , type distribution boards made out of 2 mm thk. CR sheet metal painted with 2 coats of 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 125A- 25KA - 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				
	1 Nos 32 A DP MCB for L.D.B.				
	1 Nos 32 A DP MCB for ATM				
	4 Nos 25 A DP MCB for AC				
	1 Nos 25 A DP MCB for Glow sign board & Outer Lighting				
	2 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		



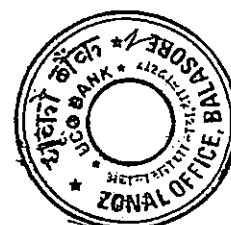
SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
3.0	Supply and installation of SPN, Double Door, Metal type Distribution Board. (hager IP43, legrand make Ekinox3 model or equivalent make as approved by Engineer-in-charge), surface / flush mounted on wall, interconnected wiring complete with earthing 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 MCB				
	Outgoing :- 10 No. 6-10 A SP 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.	
	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 / Consultant before placing order to the Light Fixture Vendor / Supplier makes are specified. Client / Architect / Consultant reserves right to approve / select final Light Fixtures from any make as required.				
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.	9.00		



SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
2.0	Supply,installation and testing of recess LED lights fittings (12W) of spot type with all accessories complete of Crompton LSCRM-6W-CDL/NW/WW Equivalent Make as required as per direction of Engineer in charge.	Nos.	15.00		
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 225 mm sweep heavy duty Exhaust fan of Orient/ Crompton Equivalent Make as required as per direction of Engineer in charge.	Nos.	4.00		
5.0	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		
6.0	Providing and fitting of Modular type step fan regulator of approved make .	Nos.	2.00		
7.0	Supply & fixing of fan-hook,by cutting roof slab and welding 10 mm dia.Fan hook with main re-Inforcement of roof slab complete in all respect	Nos.	2.00		
8.0	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		
9.0	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		
10.0	Providing and fitting of call bell Remote Controlled with Battery of approved make .	Nos.	1.00		
	TOTAL FOR FITTINGS OF FIXTURES			Rs.	

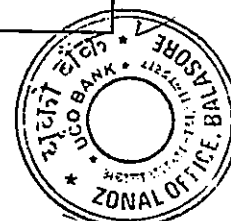


SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
	4. EARTHING				
1.0	Supplying and fixing Earthing with G.I. earth plate of size 600 mm X 600 mm X 6.36 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long 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	20.00		
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.	10.00		
	TOTAL EARTHING			Rs.	



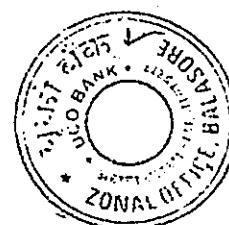
SL. NO.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
	5. DATA / TELEPHONE WAIRING				
1.0	Supply of all required materials and laying of CAT-6 LAN wairing from server to Hub and Hub to computer I/O Points of approved brand ((D-Link/Digilink/Amps) laid through rigid FR/FRLS PVC conduits of 20mm Dia 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	100.00		
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.	40.00		
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.	8.00		
4.0	Supply , fixing , testing of RJ11 Modular Telephone socket point with suitable GI boxes complete in all respect as per	Nos.	3.00		
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,AMP or Equivalent Make)	No.	8.00		
9.0	Supply & fixing 2Mtr long E-CAT 6 PATCH Cord (Make D-LINK,AMP or Equivalent Make)	No.	8.00		
	TOTAL DATA / TELEPHONE WAIRING			Rs.	

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

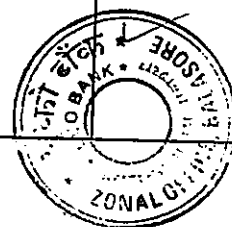


ELECTRICAL WORK FOR UCO BANK ATM AT JAMSULI .

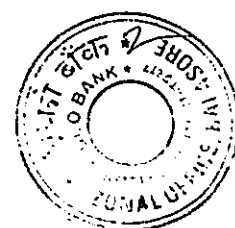
SL. N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
	1.1 ELECTRICAL WIRING WORK				
1.0	Concealed / Resseded / Surface point etc. wiring using 1100V FRLS grade 3R (P+N+E) x 1.5 Sq.mm FRLS multi stranded copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through rigid FR/FRLS 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 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.	2.00		
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		
3.2	Recessed wiring with (2Rx4sqmm +1Rx2.5sqmm) copper wire (Panel to ATM)	Mts	10.00		
TOTAL FOR ELECTRICAL WIRING WORK				Rs.	
1.2 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 (Alternate at every 4 hour) 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 Main Panel Board to Split A.C. points.)	Mts	15.00		
TOTAL FOR AC WIRING WORK				Rs.	
1.3 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	Nos	2.00		



SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
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 following 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 (2Rx2.5sqmm +1Rx1.5sqmm) copper wire (C.D.B. to Computer Points)	Mts	10.00		
	TOTAL FOR COMPUTER 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 (18W) of squre type with all accessories complete Crompton LSDN-18-CDL/TL/WW 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.	10.00		
	TOTAL EARTHING			Rs.	



SL.N O.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
	4. DATA / TELEPHONE WAIRING				
1.0	Supply of all required materials and laying of CAT-6 LAN wairing 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	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. ELECTRICAL WIRING WORK		
1.2 A.C. WIRING WORK		
1.3 COMPUTER WIRING WORK		
2. FITTINGS OF FIXTURES		
3. EARTHING		
4. DATA / TELEPHONE WAIRING		
TOTAL		



APPROVED LIST OF MATERIALS

Sl.No.	ELECTRICALS	
1.0	1100 Volts grade PVC insulated steel armoured and over all PVC sheathed cable.	Fort Gloster / NICCO / Havells / Asian Cables / Polycab / RETCO
2.0	1100 V grade PVC insulated stranded/ flexible multi standard copper wire with size in sq.mm. embossed on cable surface	Finolex / Havell's/ RR KABLE
3.0	Rigid PVC Conduit with ISI marked and accessories	PRECISION/ BEC/Harse
4.0	Modular type 6 A & 16 A switch. 6 A & : 16 A socket, front plate, mounting box.Regulator/Dimmer	Wraparound of MK/ Mosaic of Legrand/ Ethena of Crabtree
5.0	Switch fuse/fuse switch units	L&T /Hager/ LEGRAND .
6.0	LT switch board	L&T / MDS / C&S/ Hager
7.0	Protective Relays.	English Electric/GEC/Seimens/L&T
8.0	Voltmeter and Ammeter	A.E / MDS
9.0	Voltmeter and Ammeter Selector switch	Kaycee / MDS / L&T
10.0	HRC Fuse.	Hager / L&T/ Legrand
11.0	HRC fuse base and carries	Hager / L&T/ Legrand
12.0	RCBO/MCCB/ MCB.	L&T / LEGRAND/ Hageer
13.0	Isolator.	L&T / LEGRAND/ Hager
14.0	Changeover Switch	L & T / LEGRAND/ Hager
15.0	MCB Distribution Board	L&T/LEGRAND/Hager
16.0	MCB/MCB type Isolator	L&T/ LEGRAND/Hager
17.0	30/32A DP moulded Isolator -ing Switch	Hager/ LEGRAND
18.0	15/5 Amp switch & plug socket	CRABERTEE / LEGRAND
19.0	15/5 Amp piano key type switch/flushed type plugsocket.	CRABERTEE / LEGRAND
20.0	Ceiling Rose	Anchor / Cona
21.0	Buzzer/Call Bell	Cona / L.K FUGA
22.0	Electrical fitting fixtures	Philips /Crompton/ Wipro (Light), Usha / Orient/ Crompton (fan)
23.0	IC Cutout	Kec, Anker, gec

