

**TENDER DOCUMENT
FOR
FURNISHING WORK
AT
VIVEKANAND SARANI, ASANSOL BRANCH,
DISTRICT – BURDWAN PASCHIM W. B.**

Architect

Sanjoy Paul and Associates
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UCO BANK

Zonal Office, BURDWAN

S. R. COMPLEX, POLICE LINE BAZAR
BURDWAN-713103
ZO.BURDWAN@UCOBANK.CO.IN

INDEX

1. NOTICE INVITING TENDER
2. INSTRUCTIONS TO BIDDERS
3. FORMAT OF THE FORM FOR BIDDERS (TO BE SUBMITTED AS COVERING WITH THE BID)
4. CONDITIONS OF CONTRACT
5. IMPORTANT TENDER CONDITIONS
6. TECHNICAL SPECIFICATIONS
7. DETAILED SPECIFICATIONS FOR FURNISHING WORKS
8. LIST OF APPROVED MATERIALS & MAKES OF FURNISHING ITEMS.
9. SCHEDULE OF TENDER DRAWINGS FOR FURNISHING WORKS
10. BILL OF QUANTITIES FOR FURNISHING WORKS
11. SUMMARY SHEET
12. DRAWINGS – 1 NO.

1.0 NOTICE INVITING TENDER**: UCO Bank, Zonal Office
BURDWAN, WEST BENGAL**

1.1 EMPLOYER / OWNER

**: Zonal Manager, UCO Bank
BURDWAN, WEST BENGAL**

1.2 NAME OF WORK

**: Furnishing Works
UCO Bank – VIVEKANAND SARANI, ASANSOL**

1.3 PERIOD OF AVAILABILITY OF BIDDING DOCUMENT

: From 01.03.2019 to 06.03.2019

1.4 PLACE OF AVAILABILITY OF BIDDING DOCUMENTS

: UCO Bank's Website

1.5 LAST DATE, TIME & PLACE FOR RECEIPT OF BIDS

**: 07.03.2019 at 2.00 PM at
UCO Bank,
Zonal Office, S. R. COMPLEX, POLICE LINE BAZAR
BURDWAN-713103**

1.6 TIME & DATE OF OPENING OF BIDS

: 3.00 PM of 07.03.2019

1.7 PLACE OF OPENING OF BIDS

**: UCO Bank,
Zonal Office, S. R. COMPLEX, POLICE LINE BAZAR
BURDWAN-713103**

1.8 OFFICE INVITING BIDS

**: UCO Bank,
Zonal Office, S. R. COMPLEX, POLICE LINE BAZAR
BURDWAN-713103**

1.9 ARCHITECTS

**: Sanjoy Paul and Associates
House no- 40, 1st Avenue,
Sepco Township, Durgapur- 713205
Phone: 9333921690
E-Mail: 1965architectsanjoy@gmail.com**

1.10 COST OF BIDDING DOCUMENT

**: Rs. 500.00
In favour Uco Bank, payable at Burdwan.**

1.12 EARNEST MONEY DEPOSIT

**:Rs. 10500.00
(Rupees Ten Thousand five hundred Only)****1.13 Corrigendum, if any, in this regard shall be uploaded on Bank's website only
<http://www.ucobank.com>**

Dear Sir,

Subject: Furnishing works for UCO Bank, VIVEKANAND SARANI, ASANSOL Branch.

Item wise sealed tenders are invited in a two bid system for the above mentioned work for which tender document can be downloaded from the website of the bank at <http://www.ucobank.com>

Sealed bids in two envelope system (part A technical bid, part B financial bid) along with a demand draft drawn on any scheduled bank other than UCO Bank for **Rs. 10500/- (Rupees Ten thousand five hundred Only)** drawn in favour of UCO Bank, Burdwan should be submitted in a sealed cover & super scribed '**TENDER FOR FURNISHING WORKS FOR UCO BANK AT VIVEKANAND SARANI, ASANSOL**

Tenders will be received on 07.03.2019 up to **2.00 PM** and the technical bid shall be opened first to assess the technical soundness of the firm.

The financial bid will be opened for those firms only whose technical bid qualifies the technical evaluation criteria of the bank. Any tender received thereafter will not be accepted.

The Zonal Manager, UCO Bank shall not be bound to accept the lowest bid & reserves the right to reject any or all the tenders without assigning any reason.

The tender shall be valid for a period of sixty days from the date of opening of tender.

(Seal & Signature of UCO Bank)

(Seal & Signature of contractor)

- 2.0 INSTRUCTION TO BIDDERS
- 2.1 SCOPE OF BID
- 2.2 ELIGIBLE BIDDERS
- 2.3 QUALIFICATION OF THE BIDDER
- 2.4 ONE BID PER BIDDER
- 2.5 COST OF BIDDING
- 2.6 SITE VISIT
- 2.7 CLARIFICATION OF BIDDING DOCUMENTS
- 2.8 AMENDMENT TO BIDDING DOCUMENT
- 2.9 ALL DOCUMENTS RELATING TO THE BID SHALL BE IN ENGLISH LANGUAGE ONLY
- 2.10 BID PRICES
- 2.11 BID VALIDITY
- 2.12 BID SECURITY (EARNEST MONEY)
- 2.13 FORMAT & SIGNING OF BID
- 2.14 SEALING & MARKING OF BIDS
- 2.15 LATE BIDS
- 2.17 MODIFICATION & WITHDRAWAL OF BID
- 2.18 BID OPENING
- 2.19 PROCESS TO BE CONFIDENTIAL
- 2.20 CLARIFICATION OF BIDS
- 2.21 EXAMINATION OF BIDS & DETERMINATION OF RESPONSIVENESS
- 2.22 CORRECTION OF ERRORS
- 2.23 EVALUATION & COMPARISON OF BIDS
- 2.24 AWARD CRITERIA
- 2.25 EMPLOYER'S RIGHT TO ACCEPT ANY BID & TO REJECT ANY OR ALL BIDS
- 2.26 NOTIFICATION OF AWARD & SIGNING OF AGREEMENT
- 2.27 DEFECTS LIABILITY PERIOD
- 2.28 COMPENSATION FOR DELAY
- 2.29 ADVANCE PAYMENT

2.1 SCOPE OF BID

- 2.1.1 The Zonal Manager, UCO Bank, Burdwan, West Bengal invites bids for interior furnishing works for **VIVEKANAND SARANI, ASANSOL Branch** (as defined in these documents & referred to as "the works") detailed herewith.
- 2.1.2 The successful bidder will be expected to complete the work / s by the intended completion date & to the desired quality as specified in the contract data.

2.2 ELIGIBLE BIDDERS

- 2.2.1 All bidders shall provide in section 3.0 forms of bid & qualification information, a statement that bidder is not associated, nor has been associated in the past, directly or indirectly, with the consultant or any other entity that has prepared the design, specifications & other documents for the project or being proposed by the Zonal Office, UCO Bank, Burdwan or any of its officers.

2.3 QUALIFICATION OF THE BIDDER

- 2.3.1 All bidders shall provide in the section 3.0 forms of bid & qualification information, a preliminary description of the proposed work method & schedule, including drawings & charts (as necessary).
- 2.3.2 In the event that pre qualification of potential bidders has been undertaken, only bids from the pre qualified bidders will be considered for award of the contract. Otherwise all the bidders should submit the following documents with their bids -
 - (a) Proof of definition of the constitution or legal status, place of registration & principal place of business; written power of attorney of the signatory of the bid of commit the bidder.
 - (b) Total monetary value of construction work performed for each of the last five years.
 - (c) Experience in works of a similar nature & size for each of the last five years.
 - (d) Qualifications & experience of key site management & technical personnel proposed for the contract.
 - (e) Reports on the financial standing of the bidder, such as profit & loss statements & auditor's reports for the past five years.
 - (f) Evidence of adequacy of working capital for this contract.

- (g) Information regarding any litigation, current or during the last five years, in which the bidder is involved, the parties concerned & disputed amount. (including income tax, G.S.T. & C.S.T. service tax authorities).
- (h) Proposals to subcontracting components of the works amounting to more than 10% of the contract price (if permitted & necessarily to be vetted by the architect).
- (i) Income tax permanent account of the bidder.
- (j) Income tax clearance certificate for the current financial year.
- (k) West Bengal. trade tax registration no.
- (l) Any additional information as needed in the contract document.

2.3.3 Bids from joint ventures are not acceptable.

2.3.4 To qualify for award of the contract, each bidder in its name should have in the last three years:

- (a) Achieved a minimum financial turnover (in all classes of interior furnishing work only) of Rs. **50.0 lacs** in each three preceding years, supported by audited balance sheets.
- (b) Successfully completed three prime contracts of at least similar work type of value not less than Rs.**18.00 lacs** in the last two financial year.
- (c) Any additional condition as imposed in the tender document.

2.4 ONE BID PER BIDDER

2.4.1 Each bidder shall submit only one bid. A bidder who submits or participates in more than one bid (other than as a sub contractor or in the case of alternatives that have been permitted or requested) will cause all the proposals with the bidder's participation to be disqualified.

2.5 COST OF BIDDING

2.5.1 The bidder shall bear all costs associated with the preparation & submission of his bid, & the employer will in no case be responsible & liable for those costs.

2.6 SITE VISIT

2.6.1 The bidder, at his own risk, cost & responsibility is encouraged to visit & examine the site of works & its surroundings & obtain all information that may be necessary for preparing the bid & entering into a contract for work/s.

2.7 CLARIFICATION OF BIDDING DOCUMENTS

2.7.1 A prospective bidder requiring any clarification regarding the bidding document may notify the employer in writing or by cable (hereinafter "cable" included telex, facsimile, e-mail, hybrid mail, telegram) at the employer's address indicated in the invitation bid. The employer will respond to any request for clarification which he receives earlier than 7 days prior to the deadline for the submission of bids. Copies of the employer's response will be forwarded to all purchasers of the bidding documents, including a description of the enquiry but without identifying its source.

2.8 AMENDMENT TO BIDDING DOCUMENT

2.8.1 Before the deadline for the submission of the bid, the employer may modify the bidding documents by issuing addenda.

2.8.2 Any addendum thus issued shall be part of the bidding documents & shall be communicated in writing or by cable to all purchasers of the bidding documents. Prospective bidders shall acknowledge receipt of each addendum by cable to the employer. For this purpose it is mandatory for all prospective bidders to furnish a fax no. at the time of purchase of the document.

2.8.3 To give prospective bidders reasonable time in which to take an addendum into account in preparing their bids, the employer shall extend as he thinks is necessary the deadline for submission of the bids. The discretion to do so & the time to be extended would be the privilege of the employer.

2.9 ALL DOCUMENTS RELATING TO THE BID SHALL BE IN ENGLISH LANGUAGE ONLY.

2.10 BID PRICES

2.10.1 The contract will be for the whole work based on the priced bill of quantities submitted by the bidder.

- 2.10.2 The bidder shall fill in rates & prices for all items of the works described in the bill of quantities. Items for which no rate or price is entered by the bidder will not be paid for by the employer when executed & shall be deemed covered by the other rates & prices in the bill of quantities. Corrections, if any, shall be made by crossing out, initialing, dating & rewriting.
- 2.10.3 All duties, taxes & other levies payable by the contractor under the contract or for any other cause shall be included in the rates, prices & total bid price submitted by the bidder.
- 2.10.4 The rates & prices quoted by the bidder shall be fixed for the duration of the contract & shall not be subject to adjustment on any account.

2.11 BID VALIDITY

- 2.11.1 Bids shall remain valid for a period not less than sixty days after the deadline date for the bid submission. A bid valid for shorter period shall be rejected by the employer as non responsive.
- 2.11.2 In exceptional circumstances, prior to expiry of the original time limit, the employer may request that the bidders may extend the period of validity for a specified additional period. The request & the bidder's response shall be made in writing or by cable. A bidder may refuse the request without forfeiting his bid security. A bidder agreeing to the request will not be required or permitted to modify his bid except the validity period.

2.12 BID SECURITY (EARNEST MONEY)

- 2.12.1 as per section 1
- 2.12.2 No bank guarantees will be acceptable in lieu of the above.
- 2.12.3 The bid security of the unsuccessful bidders shall be returned within 28 days of the end of the bid validity period as specified in earlier section or earlier if the owner so desires.
- 2.12.4 No interest whatsoever shall be payable on the said bid security.
- 2.12.5 The bid security of the successful bidder shall be discharged after the clearance of the first running bill.

2.13 FORMAT & SIGNING OF BID

- 2.12.1 The original copy of the bid shall be typed or written in indelible ink & shall be signed by a person or persons duly authorized to sign on behalf of the bidder. All pages of the bid where entries or amendments have been made shall be initialed by the person / s signing the bid.
- 2.13.2 The bid shall contain no alterations, except those to comply with instructions issued by the employer, or as necessary to correct errors made by the bidder, in which case such corrections shall be initialed by the person/s signing the bid.

2.14 SEALING & MARKING OF BIDS

- 2.14.1 The bidder shall seal the original bid in a non transparent envelope duly marking it as original. This envelope shall be kept inside another envelope which shall be sealed & signed across the joints by the person / s authorized by the bidder.
- 2.14.2 The inner & outer envelope shall be addressed to the employer at the following address:
**The Zonal Manager,
UCO Bank, Zonal Office,
BURDWAN, WEST BENGAL.**
- 2.14.3 The top of the envelope shall have clearly written in block letter the following -
"BID FOR FURNISHING WORKS OF UCO BANK, VIVEKANAND SARANI, ASANSOL 2.14. The lower left hand corner of the envelope, the name & address of the bidder along with the telephone no. / S & fax. No. / S should be inscribed.
- 2.14.5 If the outer envelope is not sealed & marked as in 2.14.1, the employer will assume no responsibility for the misplacement or premature opening of the bid.

2.15 DEADLINE FOR SUBMISSION OF BIDS

- 2.15.1 Bids must be received by the employer at the address specified above no later than 02.00 PM at **07-03-2019**.

In the event of the specified date for the submission of the bids is declared as a holiday by the employer's organization, the bids will be received up to the appointed time on the next working day.

- 2.15.2 The employer may extend the deadline for submission of bids by issuing an amendment in which case all rights & obligations of the employer & the bidders previously subject to the original deadline will then be subject to the new deadline.
- 2.15.3 In case of the above, all those bidders whose names, addresses & fax nos. are in record with the employer will be intimated by cable at least two days in advance of the proposed date of submission of the bid.
- 2.15.4 Those bidders who fail to register their name, addresses & fax no. with the employer at the time of collection of the bid document shall have no right to 2.15.3 & cannot hold the employer responsible for any damages whether direct or indirect.

2.16 LATE BIDS

- 2.16.1 Any bid received by the employer after the deadline as prescribed earlier will be returned unopened to the bidder.

2.17 MODIFICATION & WITHDRAWAL OF BID

- 2.17.1 Bidders may modify or withdraw their bids by giving notice in writing before the deadline as prescribed in clause no.2.15
- 2.17.2 Each bidder's modification or withdrawal notice shall be prepared, sealed, marked & delivered in accordance with clause no.2.13 & 2.14 with the outer & inner envelopes additionally marked "MODIFICATION" or "WITHDRAWAL" as appropriate. No bids may be modified or withdrawn after the deadline for submission of bids.
- 2.17.3 Withdrawal or modification of the bid between the deadline for submission of bids & the expiration of the original validity period or extended as above will result in the forfeiture of the bid security.

2.18 BID OPENING

- 2.18.1 The employer will open the bids, including the modifications in the presence on the bidders or their authorized representative / s who chose to attend at **15:00** hrs on the date & place specified in the bid document. In the event of the specified date of the bid opening being declared a holiday by the employer's organization, the bids will be opened at the appointed time & location on the next working day.
- 2.18.2 Envelopes marked withdrawal shall be opened & read out first.
- 2.18.3 The bidder's name, the bid price, the total amount of each bid & of any alternative bid (if alternatives have been requested & permitted), any discounts, bid modifications & withdrawals, the presence or absence of bid security & such other details as the employer may consider appropriate, will be announced by the employer at the opening. Any bid price, discount, or alternative bid price which is not read out & recorded at the bid opening will not be taken into account in bid evaluation.

2.19 PROCESS TO BE CONFIDENTIAL

- 2.19.1 Information regarding to the examination, clarification, evaluation & comparison of bids & recommendations for the award of a contract shall not be disclosed to bidders or any other persons not officially concerned with such process until the award to the successful bidder has been announced. Any effort by the bidder to influence the employer's processing of bids or award decisions may result in the rejection of his bid.

2.20 CLARIFICATION OF BIDS

- 2.20.1 To assist in examination, evaluation & comparison of bids, the employer may, at his discretion, ask any bidder for clarification of the bidder's bid, including breakdowns of unit rates. The request for clarifications & the response shall be in writing or by cable, but no change in the price of substance shall be sought, offered or permitted except as required to confirm the correction of arithmetic errors discovered by the employer in the evaluation of the bids.

2.21 EXAMINATION OF BIDS & DETERMINATION OF RESPONSIVENESS

- 2.21.1 Prior to the detailed evaluation of bids, the employer will determine whether each bid
- (a) Meets the eligibility criteria defined in clause 2.2 & 2.3
 - (b) Has been properly signed
 - (c) Is accompanied with the required securities
 - (d) Is substantially responsive to the requirements of the bidding documents.
- 2.21.2 A substantially responsive bid is one which confirms to all terms, conditions & specifications of the building documents without material deviation or reservation. A material deviation or reservation is one:
- (a) Which limits in any substantial way the scope, quality or performance of the works

- (b) Which limits in any substantial way, inconsistent with the bidding document, the employer's rights or the bidder's obligations under the contract.
 - (c) Whose rectification would affect unfairly the competitive position of other bidders presenting substantially responsive bids.
- 2.21.3 If a bid is not substantially responsive, it will be rejected by the employer, & may not subsequently be made responsive by correction or withdrawal of the non confirming deviation or reservation.

2.22 CORRECTION OF ERRORS

- 2.22.1 Bids determined to be substantially responsive will be checked by the employer for any arithmetic errors. Errors will be corrected by the employer as follows -
- (a) Where there is a discrepancy between the rates in figures & in words, the rate in words shall govern.
 - (b) Where there is a discrepancy between the unit rate & the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern.
- 2.22.2 The amount stated in the bid will be adjusted by the employer in accordance with the above procedure for the correction of errors & with the concurrence of the bidder, shall be considered as binding upon the bidder. If the bidder does not accept the correction amount, the bid will be rejected & the bid security may be forfeited.

2.23 EVALUATION & COMPARISON OF BIDS

- 2.23.1 The employer will evaluate & compare only bids determined to be substantially responsive in accordance with clause no. 2.21
- 2.23.2 In evaluating the bids, the employer will determine for each bid the evaluated bid price by adjusting the bid price as follows:
- (a) Making any correction for errors pursuant to clause no. 2.22
 - (b) Making appropriate adjustment for any other acceptable variations, deviations etc.
 - (c) Making appropriate adjustments to reflect discounts or other price modifications offered.
- 2.23.3 The employer reserves the right to accept or reject any variation, deviation or alternative offer. Variations, deviations & alternative offers & other factors which are in excess of the requirements of the bidding documents or otherwise result in unsolicited benefits for the employer shall not be taken into account in bid evaluation.

2.24 AWARD CRITERIA

- 2.24.1 Subject to clause 2.25, the employer will award the contract to the bidder whose bid has been determined to be substantially responsive to the bidding documents & who has offered the lowest evaluated bid price. Provided that such bidder has been determined to be eligible in accordance with provisions of clause 2.2 & qualified in accordance with provisions of clause 2.3. It may be noted that having lowest bid is not the only criterion for award of the contract & does not guarantee the bidder of getting the contract.

2.25 EMPLOYER'S RIGHT TO ACCEPT ANY BID & TO REJECT ANY OR ALL BIDS

- 2.25.1 Notwithstanding clause 2.24, the employer reserves the right to accept or reject any bid, & to cancel the bidding process & reject any or all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds of the employer's action.

2.26 NOTIFICATION OF AWARD & SIGNING OF AGREEMENT

- 2.26.1 The bidder whose bid has been accepted will be notified of the award by the employer prior to expiration of the bid validity period by cable confirmed by registered letter. The letter (hereinafter & in the conditions of contract called the "letter of acceptance") will state the sum that the employer will pay the contractor in consideration of the execution, completion & maintenance of the works by the contractor as prescribed by the contract (herein after called the 'contract price')
- 2.26.2 The notification of award will constitute the formation of the contract subject only to the furnishing of a performance guarantee in accordance with the provisions of clause 2.27
- 2.26.3 The agreement will incorporate all agreements between the employer & the successful bidder. It will be signed by the employer & sent to the successful bidder within 28 days following the notification of award along with the letter of acceptance. Within 7 days of the receipt, the successful bidder will have to sign the agreement & deliver it to the employer.

- 2.26.4 If the successful bidder fails to do so, the employer will assume that the successful bidder is unwilling to execute the contract & the bid security of the successful bidder will be forfeited
- 2.26.5 In case of 2.26.4, the employer reserves the right to award the contract to the next lowest bidder provided he agrees to work on the same bid price as that of the successful bidder.
- 2.26.6 The owner may, at his own discretion, in the event of 2.26.4 happening call for fresh bids.
- 2.26.7 Upon the furnishing by the successful bidder of the performance security, the employer will promptly notify the other bidders that their bids have been unsuccessful.

2.27 DEFECTS LIABILITY PERIOD

- 2.27.1 Twelve months from the date of virtual completion of work.

2.28 COMPENSATION FOR DELAY

- 2.28.1 Penalty for the delayed work / liquidated damages will be charged and payable @1% of the contract value per week up to a maximum of 5% of the contract value. In the event of the penalty charged exceeding 5% of the contract value, the Bank will be free to determine the contract after recovery of such charges from the security deposit and / or the retention amount. In case of any amount remaining outstanding, the same will be recoverable from any other works being carried out by you for the Bank or through appropriate legal action. In case of delays on the part of Bank, suitable extension of time will be granted but no other compensation will be paid for such delay.

2.29 ADVANCE PAYMENT

- 2.29.1 No advance payment whatsoever will be made to the successful bidder for mobilization or for any other reason / s.

3.0 FORMAT OF THE FORM FOR BIDDER (TO BE SUBMITTED AS COVERING WITH THE BID)

To -

The Zonal Manager,
UCO Bank, Zonal Office,
BURDWAN, WEST BENGAL

Subject - Tender for Furnishing works for UCO Bank, VIVEKANAND SARANI, ASANSOL

Sir,

1. I / we submit tender for execution of work as mentioned above as per the tender documents within the time schedule of completion of work for jobs, as separately signed & accepted by me / us, at the schedule of rates quoted by me / us for the whole work in accordance with notice inviting tender, instructions to the bidder, conditions of contract, important tender conditions, technical specifications, list of approved materials, bill of quantities, drawings as per all other details given in the tender document.
2. It has been explained to me / us that the time stipulated for jobs & completion of works in all respects & in different stages mentioned in the time schedule of completion of jobs & signed & accepted by me / us is the essence of the contract. I / we agree that in the case of failure on my / us part to strictly observe the time of completion mentioned for job / s on any of them to the completion of job / s, I / we shall pay compensation to the owner as per the provisions & stipulations contained in the tender document & I / we agree to recovery being made as specified therein. In exceptional circumstances, extension of time will not be counted for the extension of completion dates stipulated for the job & for the final completion of work as stipulated in the said "time of schedule" of completion of jobs.
3. I / we agree to pay the security deposit & accept the terms & conditions laid down below in this respect:
 - (a) Retention money : 5% of contract value will be deducted from each running / final bill of the contractor towards security deposit.
 - (b) E.M.D. : We deposit herewith E.M.D. of Rs (as specified) by D.D. **10500/-** favoring UCO Bank, payable at Burdwan.

4. Should this tender be accepted, I / we hereby agree to abide by & fulfill all terms & conditions to above & in default therefore, to forfeit & pay to the owner or its successors or it's authorized nominees such sums of money as are stipulated in conditions of contract.
5. If I / we fail to commence the work specified in the memorandum in Para (2) above, or I / we fail to deposit the amount of security deposit specified in the memorandum in (3) above, I / we agree that the said owner or its successor without prejudice to any other right or remedy be at liberty to forfeit the said security specified in (3) above. The said owner shall also be at liberty to cancel the notice of acceptance of tender in I / we fail to execute an agreement or to start work as stipulated in the tender documents.

Date.....Day of.....2019.

Name in block letters -

Address -

Yours faithfully,

Signature of tenderer / s with the seal of the firm

Name & designation of authorized person signing the tender on behalf of the tenderer / s -

4.0 CONDITIONS OF CONTRACT

- 4.1 DEFINITIONS
- 4.2 EMPLOYER'S RISK
- 4.3 CONTRACTOR'S RISK
- 4.4 INSURANCE
- 4.5 SAFETY
- 4.6 POSSESSION OF THE SITE
- 4.7 SAMPLES & SHOP DRAWINGS
- 4.8 TIME OF COMPLETION
- 4.9 WATER & ELECTRICITY
- 4.10 VIRTUAL COMPLETION
- 4.11 VARIATIONS
- 4.12 TYPE OF CONTRACT
- 4.13 SCHEDULE OF QUANTITIES & VARIATIONS
- 4.14 LICENSE & PERMITS
- 4.15 TAXES
- 4.16 DELAYS
- 4.17 COMPENSATION FOR DELAY
- 4.18 LIQUIDATION DAMAGES
- 4.19 LABOUR REGULATIONS
- 4.20 SECURITY
- 4.21 ESCALATION OF MATERIALS COST
- 4.22 EXTRAS & VARIATIONS
- 4.23 WITHHOLDING OF PAYMENTS
- 4.24 CORRECTION OF WORK BEFORE VIRTUAL COMPLETION OF WORK
- 4.25 VIRTUAL COMPLETION
- 4.26 DEFECTS
- 4.27 METHODS OF MEASUREMENT
- 4.28 DISMISSAL OF CONTRACTOR'S EMPLOYEES
- 4.29 TERMINATION OF THE CONTRACT BY THE OWNER
- 4.30 JURISDICTION
- 4.31 TESTS & CERTIFICATES
- 4.32 CLEANING THE SITE
- 4.33 OPERATIONAL CONSTRAIN

4.1 DEFINITIONS

- 4.1.1 Bill of quantities means the prices & complete bill of quantities forming part of the bid.
- 4.1.2 The contract is the contract between the employer & the contractor to execute, complete & maintain the works.
- 4.1.3 The contractor is a person or corporate body whose bid to carry out work has been accepted by the employer.
- 4.1.4 The contract data defines the documents & other information which comprise the contract.
- 4.1.5 The contractor's bid is the completed bidding document submitted by the contractor to the employer.
- 4.1.6 The contract price is the price stated in the letter of acceptance & thereafter as adjusted in accordance with the provisions of the contract.
- 4.1.7 Days are calendar days & months are calendar months.
- 4.1.8 The defects liability period is the period named in the contract data & calculated from the completion date.
- 4.1.9 The employer is the party who will employ the contractor to carry out the works. In this case it will be -
**The Zonal Manager,
UCO Bank, Zonal Office,
BURDWAN, WEST BENGAL**
- 4.1.10 The Engineer / Architect is the person named in the contract data or any other competent person appointed & notified to the contractor to act as replacement to the engineer / architect) who is responsible for supervising the contractor, administering the contract, certifying payments due to the contractor, issuing & valuing variations to contract, awarding extensions of time (if permissible) & valuing the compensation events (if permitted). In this case the Engineer / Architect will be -
Sanjoy Paul and Associates
House no- 40, 1st Avenue,
Sepco Township, Durgapur- 713205
Phone: 9333921690
E-Mail: 1965architectsanjoy@gmail.com
- 4.1.11 Equipment is the contractor's machinery & vehicles brought temporarily to the site to construct works.
- 4.1.12 The initial contract price is the contract price listed in the employer's letter of acceptance.
- 4.1.13 The intended completion date is the date on which it is intended that the contractor shall complete the works. The intended completion date is specified in the contract data. The intended completion date may be revised only by the engineer in consultation with the owner by issuing an extension of time.
- 4.1.14 Materials are all supplies, including consumables, used by the contractor for incorporation in the works.
- 4.1.15 The site is the area defined as such in the contract data which shall be:
Uco Bank at VIVEKANAND SARANI, ASANSOL BRANCH.
- 4.1.16 Specification means the specification of the works included in the contract & any modification or addition made or approved by engineer / architect.
- 4.1.17 the start date is given in the contract data, it is the date when the contractor shall commence execution of the works. It does not necessarily coincide with any of the site possession data.
- 4.1.18 Temporary works are works designed, constructed, installed & removed by contractor which are needed for construction or installation of the works.
- 4.1.19 a variation is an instruction given by the engineer/architect which varies the work.

4.2 EMPLOYER'S RISK

- 4.2.1 The employer is responsible for the accepted risks which are -
- (a) In so far as they directly affect the execution of the work in the employer's country, the risk of war, hostilities, acts of terrorism, riot, commotion of disorder (unless restricted to the contractor's employees).
 - (b) A cause due solely to the design of the works, other than the contractor's design.

4.3 CONTRACTOR'S RISK

All risks of loss of or damage to physical property & of personal injury & death which arise during & in consequence of the performance of the contract other than the accepted risks are the responsibility of the contractor.

4.4 INSURANCE

Before commencing the execution of works, the contractor without limiting his obligations & responsibilities under this contract, shall ensure against his liability for any loss or injury which may occur to any person including any

employee of the owner or a member of the general public, by or arising out of the execution of the work or in carrying out of the contract. Unless otherwise stipulated elsewhere in this contract, it shall be obligatory for the contractor to obtain the insurance cover under the following policy -

- (a) Contractor's all risks insurance policy to cover the following:
- (b) Policy to cover contractor's liability under workmen's compensation act 1923, minimum wages act 1948, contract labour (regulation & abolition act 1970 & other relevant acts listed elsewhere). This shall be for the period of compensation period.

The contractor shall insure against all such liabilities & shall continue such insurance during the whole of the time when any person employed by him is on the works. Premium for all insurance policies shall be paid by the contractor & shall not be reimbursable.

4.5 SAFETY

The contractor shall be responsible for the safety of all activities on the site.

4.5 DISCOVERIES

Anything of historical or other interest of significant value unexpectedly discovered on the site is the property of the employer. The contractor is to notify the engineer of such discoveries & carry out the engineer's instructions for dealing with them.

4.6 POSSESSION OF THE SITE

The employer shall give possession of all parts of the site to the contractor. If possessions of a part are not given by the date stated in the contract data, the employer is deemed to have delayed the start of the relevant activities.

4.7 SAMPLES & SHOP DRAWINGS

After the award of the contract, the contractor shall furnish for the approval of the architect, samples & shop drawings (where appropriate) for all materials, finishes & work listed elsewhere in these conditions.

4.8 TIME OF COMPLETION

The work shall be completed in all respects within **15 days** (including holidays & Sundays) from the date of award of work inclusive of mobilization period.

4.9 WATER & ELECTRICITY

These shall be arranged by the owner at one or more convenient point/s. Necessary extensions of these supplies will have to be got executed by the contractor at his own cost.

4.10 VIRTUAL COMPLETION

Virtual completion certificate shall mean the certificate / s to be issued by the architect when the "works" according to the architect have been completed in every respect in conformity with the contract documents & are ready & fit for occupation / commissioning.

4.11 VARIATIONS

The owner reserves the right to increase, decrease or delete the scope of work or any or all items, subject to limitation laid down. The contractor shall have no claim for loss of anticipated profits or for any other reason whatsoever on account of these variations.

4.12 TYPE OF CONTRACT

The contract shall be an item rate contract. The contractor shall be paid at the contract rates, for the actual quantity of the work carried out by him as measured, in accordance with the contract documents.

4.13 SCHEDULE OF QUANTITIES & VARIATIONS

The quantities given in the schedule of quantities are provisional & are meant to indicate the intent of work & provide a uniform basis for tendering. The contractor shall be paid for the actual quantity of work executed by him in accordance with the right to increase or decrease any of the quantities or totally omit any items of work & the contractor shall not claim any extra or damages on these grounds subject to the condition that the overall contract amount is not varied by more than $\pm 50\%$ overall contract amount, for the purpose of variation shall not take into account the additions to the total amount because of escalation of price materials, labour, etc. Any error in description or in quantity or omission of item in the schedule of quantities shall not vitiate this contract but shall be deemed to be a variation required by the architect.

4.14 LICENSE & PERMITS

License & permits for all materials under the govt. control shall be obtained by the contractor directly. The owner may assist the contractor in this respect to the extent possible. The contractor shall include in his tender all transport charges & other expenses that may be incurred in this connection.

4.15 TAXES

The rates quoted by the contractor for each item shall be inclusive of all taxes, such as sales tax both central & state), trade tax, income tax, turnover tax, works contract tax, excise duty, octroi etc. complete on all materials & equipment forming part of the work.

4.16 DELAYS

Should the contractor be delayed or impeded in; the execution of works by reason of:

- (a) Force majeure.
- (b) By the works or delays of other contractors or tradesman, engaged or nominated by the owner & not referred to in the contract document.
- (c) The non delivery or delay in the delivery to the contractor of any materials & equipment which under the contract the owner or the architect; or
- (d) Any cause, whatever arising out of the acts of defaults of the owner or the architect; or
- (e) Any accident happening to the works during the progress not arising from negligence, default of the contractor or his workmen or subcontractor; or
- (f) Extras or variations being ordered by the architect; or
- (g) Any other cause which is in the opinion of the architect has caused delay; the contractor may from time to time within 14 working days of the happenings of any of the aforesaid, writing to the architect for an extension of time on account thereof, setting forth the cause of such delays.

The architect / owner shall, if he thinks the cause sufficient but not otherwise, by writing within 14 working days extend the time of completion of the works for such periods as he shall think adequate.

Unless the contractor shall ask for any extension of time within the period & the manner aforesaid,* unless & until the architect / owner shall extend the time aforesaid, the contractor shall not by reason of any delay arising from cause aforesaid, be relieved in any way or to any extent from his obligation to proceed with, execute & complete the works within the time specified in the contract for the completion of the work.

4.17 COMPENSATION FOR DELAY

The contractor shall not be entitled to any compensation for any loss suffered by him on account of delays in commencing or executing the work whatever the cause of delays arising out of modification of the work entrusted to him or in any sub contracts connected therewith or delays in contracts for other trades of the project or in commencement of completion of such works.

4.18 LIQUIDATION DAMAGES

The contractor shall pay the owner such as stipulated liquidation damage for each day. Sundays & holidays inclusive that he work remain incomplete after the contract date for completion orally extended time as may be granted by the architect, provided that the total amount payable by way of damages shall not exceed 10% (ten percent only) of the total initial contract amount.

4.19 LABOUR REGULATIONS

The contractor shall be wholly & solely responsible for full compliance with the provisions under all labour laws of the Union of India &/or regulations such as payment of wages act 1936, minimum wages act 1948 & it's subsequent amendment/s.

4.20 SECURITY

It will be responsibility of the contractor only.

4.21 ESCALATION OF MATERIAL'S COST

It is a fixed rate contract, no escalation either on materials or labour whatsoever shall be paid under any circumstances.

4.22 EXTRAS & VARIATIONS

If at any time whilst the works are in progress it shall be deemed specially by the architect to order material or work of a different description from that specified, he shall have full power to order & direct any such variations & additions & the work involved in any such variations additions shall be executed by the contractor if of the class of work provided for in the documents at the contract, or extend the time of completion but such additions or variations shall be paid for or deducted from the account of the contractor, as the case may require, according to the rates set but in the schedule of quantities.

The rates for such additional altered or substituted work under this clause shall be worked out in accordance with the following provisions in their respective order -

- (a) If the rates for the additional, altered or substituted work specified in the contract for the work, the contractor is bound to carry out the additional, altered or substituted work at the same rate as specified in the contract for work.
- (b) If the rates for the additional, altered or substituted work are not specifically provided in the contract for the work, then such rates will be derived from the rates for a similar class of work as specified in the contract for work.
- (c) If the altered, additional or substituted work cannot be derived from similar class of work as laid down in (b) above, then the rates for such items of work shall be completed on the basis of the analysis of rates as provided in all schedule of rates 1977-III standard analysis of rates (volume I & 2) published by national building organization, New Delhi.

But if the contractor & architect cannot agree as to the rate to be paid, the architect may order & direct the same to be done by such person/s as he may think fit;& such person/s shall be permitted by the contractor to enter upon the works for the purpose of carrying out such work/s as is required.

4.23 WITHHOLDING OF PAYMENTS

The architect may withhold or on account of subsequently discovered evidence, nullify the whole or a part of any certificate to such extent as may be necessary to protect, the owner from loss on account of -

- (a) Defective work not remedied.
- (b) Failure of the contractor to make payments to sub contractors (if permitted) for materials or labour or equipments.
- (c) A reasonable doubt that the contract can be completed for the balance unpaid amount. Damage of works of another contractor or sub-contractor.

4.24 CORRECTION OF WORK BEFORE VIRTUAL COMPLETION OF WORK

The architect shall conduct a final inspection just prior to the virtual completion of the work & prepare a list of materials, equipment & items of work which fail to confirm to the contract specifications. The contractor shall promptly replace & re execute such items in accordance with the contract & shall bear all expenses of making good all work & the cost work of other contractors destroyed or damages by such replacement or removal. If the contractor fails to remove & replace above, rejected materials, equipment & or workmanship within a reasonable time, fixed by written notice, the owner may employ any other persons to amend & make good such defects at the expense to the contractor.

All expenses incurred by the owner in consequent on the defects shall be recoverable from any amount due or that may become due to the contractor.

4.25 VIRTUAL COMPLETION

The work shall be considered to be virtually complete only upon fulfillment of the procedure laid down in clause above & when the architect has certified in writing that the work has been virtually completed. The defects liability period shall commence from the date of the certificate.

Should the owner decide to occupy any portion/s of the building or use any part of any equipment, before the contract is completed, same shall not constitute as acceptance of any part of the work unless so stated in writing by the architect.

4.26 DEFECTS

- 4.26.1 The contractor shall make good, at his own cost & to the satisfaction of the architect from work of materials not being in confirmation of the drawings or specifications or schedule of quantities or the specifications of the architect, which may appear within six months after completion of work.
- 4.26.2 Any defects noticed & brought to the attention of the contractor shall be promptly attended to by the contractor expeditiously.
- 4.26.3 After the contract is signed, the contractor will be furnished with two copies of the drawings & two copies each of conditions & contract, specifications & schedule of quantities without cost to him for his own use until the completion of the contract. Additional copies of the drawings & other documents will be supplied on payment to the architect at actual cost.

In general, the drawings shall indicate dimensions, position & type of construction; the specification shall indicate the quantity & rate for each item of work. However the above documents being complementary, what is called for by any one shall be binding as if called for by all. In case of any discrepancies in or among the documents, the most stringent of all shall apply. No deviations from the drawings, specifications & schedule of quantities shall be made. The architect's interpretation of these documents shall be final & without appeal.

4.27 METHODS OF MEASUREMENT

For measuring of work, the standard method of measurement in accordance with the standards laid down by the BIS shall be adopted unless otherwise specified. In the event of any dispute with regard at the mode of measurement of the work executed, the decision of the architect shall be final & binding.

4.28 DISMISSAL OF CONTRACTOR'S EMPLOYEES

The contractor shall on request of the architect immediately dismiss from the works of any person / s employed thereon by him who may, in the opinion of the architect be incompetent misconduct's himself & such person shall not be re employed on the works without the permission of the architect.

4.29 TERMINATION OF THE CONTRACT BY THE OWNER

If the contractor should persistently or repeatedly refuse to carry on the work diligently or shall fail except in case for which extension of time is provided, to supply enough properly skilled manpower or proper materials or equipment for the progress of work, or if he should fail to make prompt payments to sub contractors(if permitted) or for materials or equipment / s or labour or persistently disregard laws, ordinances or instructions of the architect or otherwise be guilty of a violation of any provision of the contract, or has abandoned the contract, or has failed to commence the works, or has suspended the works, then the owner upon the certificate of the architect that sufficient cause exists to justify such action say without prejudice to any other right or remedy & after giving the contractor seven days notice in writing, terminate the employment of the contractor & take possession of the premises of all materials, equipment/s, T&P thereon & use these as owners property for the completion of the work. In such case, the contractor shall not be entitled to receive any further payment until the work is finished.

4.30 JURISDICTION

All matters arising out of or in way connected with this agreement shall be deemed to have arisen at Burdwan (West Bengal) & shall have jurisdiction to determine the same.

4.31 TESTS & CERTIFICATES

The contractor shall be & remain liable at his own cost to conduct all tests at all relevant times during supply, erection & installation of any works, structures, materials & components as shall be required in terms of the contract document. On testing if the architect is not satisfied by the quality or workmanship of any structure, material or component, the contractor shall re perform as per the specifications.

4.32 CLEANING THE SITE

The contractor shall be responsible for removing malba from the site to place permitted by the municipal authorities every 48 hours & cleaning the site regularly. Cost of removal of malba, transportation, loading, unloading etc. (up to any lead) shall be included in the cost of the relevant item of construction.

4.33 OPERATIONAL CONSTRAIN

This is a relocation branch & the space is freely available during period of execution.

5.0 IMPORTANT TENDER CONDITIONS (over riding any other condition laid down earlier)

1. Possession of site : Immediate.
2. Time of completion : **15 days** from the date of handing over the site.
3. Liquidation damages per day : **Rs.1500/-** per day inclusive of Sunday, holidays, limited to 10% of the Contract amount.
4. Payment schedule : No advance payment will be made.
Maximum of two interim payments on running bills before final bills.
5. Retention money : 5% (five percent only) of the value of the interim bills.
6. Period of submitting final bills : Within 30 days of virtual completion of work.
7. Release of retention money : (a) 50% of the retention amount within 15 days of virtual completion.
(b) Balance 50% after end of defects liability period & after discharge of defects liability.
8. Defects liability : 12 months from the date of virtual completion.
9. Estimated cost of work : As / section 1.
10. Income tax & other taxes : will be deducted as per the prevailing income tax, works contract tax etc. Laws.
11. Rates : G.S.T Taxes to extra,, G.S.T. TO BE METIONED BY THE CONTRACTOR..

6.1 MATERIALS

6.1.1 Quality

All materials used in the works shall be of their respective kinds as specified herein, obtained from sources & suppliers as approved by the architects & shall comply strictly with the tests prescribed hereafter, or where tests are not laid down in the specifications, with the requirements of the latest issue of the relevant Indian standard.

6.1.2 Sampling & testing

All materials used in the works shall be subject to inspection & test in addition to test certificate of all materials proposed to be incorporated in permanent works shall be submitted to the architect for approval before they are brought to the site.

6.1.3 Rejection

Any materials that have been not found to confirm to the specifications will be rejected forthwith & shall be removed from the site by the contractor at his own cost.

The architect shall have power to cause the contractors to purchase & use such material / s from any particular source / s as may in his opinion be necessary for the proper execution of the work.

6.2 WORKMANSHIP

All works shall be true to level, plumb & square & the corners, edges, etc. in all cases shall be unbroken & net. Distemping, POP / Painting / Polishing shall be provided in accordance with CPWD specifications 1977 & relevant standards as applicable to this work. Painting with plastic emulsion paint (if required) shall be as per CPWD specifications 1977 & IS 5411-1969. Paint shall be of approved manufacturer & brand.

All timber shall be treated with preservatives before delivery to site. While remaining in proper wrapping, timber shall be protected from extremes of temperature & direct sunlight. Timber shall be soft wood or hardwood as suitable for the purpose for which it is intended. It shall be seasoned, free of defects, which would affect strength or usability & shall be flat, non-splitting & dressed on all sides. All glue, laminate, ply, board shall be as per relevant IS codes. Wherever teak is specified it shall be 1st. Class C.P. Teak. All aluminum work prelaminate particleboard work & glasswork will be as per the relevant IS codes & their latest amendments.

6.3 FINISH

Finishes shall be fully in accordance with the drawings & schedules and / or as per the directions of the architect.

6.4 SAMPLES

A sample of every item to be incorporated shall be submitted for approval of the architect before placing the order. Approved samples shall be used as standards of finish & workmanship.

ARCHITECT				UCO BANK ASANSOL BRANCH	
SANJOY PAUL & ASSOCIATES					
SCHEDULE OF SPECIFICATIONS AND QUANTITIES FOR INTERNAL FURNISHING WORKS OF ASANSOL BRANCH FOR UCO BANK					
SL.No	PARTICULARS	QTY	UNIT	RATE	AMOUNT
1.	FALSE CEILING (Gypsum board and 2'x2' grid ceiling)				
	A.FALSE CEILING (GYPSUM BOARD) : Providing & Fixing gypsum board false ceiling system in 2 steps / In combination the grid ceiling tiles ceiling vertical profile using 12.5mm gypsum plaster board on G.I.metal frame work. The frame work made up of perimeter channels of 20 x 27x 30x 3657mm fixed on wall & partitions and ceiling sections of 80 x 26 x 0.5x 3657mm as a cross member provided at 457mm c/c and the intermediate channel of 15x 45x.09 x 3657mm as a main runner at 1220mm c/c suspended by means of G.I.angle 25 x 25 x .05 mm from the existing ceiling by means of M.S. rawl plug with bolts/screws at 1200 mm c/c max. The joints of gypsum board to be taped 3 times and sealed with jointing compound. Finished with one coat of primer and min 3 coats colour or matching spectrum colour complete as per detail and specifications in drawing incl. all lights, diffuser cuttings complete. Rate to include the drops also.	400	sft		
	B. FALSE CEILING (GRID) : Providing & fixing Grid false ceiling tiles with 12mm thick mineral fibre acoustic tiles with crisp finely granulated surface in bright colour Prima regular Fine Fissured RH 99 with Aluminium 24mm exposed grid Tee section, exposed face shall be powder coated (white), main runner shall be Tee-shape section with single rotary stitching of size 24 x 38mm , 3.6m long with cross runner of tee shape section with single rotary stitching of size 24x30mm @1.2m with 24 x 25mm runner @ 0.60m c/c, with AL. section suspenders, perimeter channel of size 22 x 22mm (white) all complete in all respect as per manufacturer's specifications.	450	sft		
2.	PARTITION				
	Providing and fixing partition in position as per design with 2"x 2"sal wood finished section frame work @ 2'-0" c/c both ways screwed to the floor and ceiling with M.S. Cleats and to be treated with anti termite oil. The measurement will be taken up to the false ceiling visible height in case of full height partition but framework to be taken up to the ceiling or soffit of beam level. The frame work will be cladded with 6mm thk. commercial plywood both side and to be finished with approved 1.0 mm laminate as per design with approved band adhesive, extra frame work to be fixed for fixing glass. in the glazed partition 10 mm thk. clear float glass with Etching/ sand blusting/ granular blasting to be provided duly fixed with white beach/white ceader lipping 50 mm x 25 mm all complete duly reddish brown/ rose wood colour polish with melamine finish. The work should be completed as per specification, design & approval of the Architect. For the door 32 mm solid core bwp Flush door with a frame work of white beach/ white ceader size 75 mm x 62.5 mm with necessary hold fast fixed to the wall/partition, finished with 1.0 mm laminate and lipping in all sides and 1.5" x 1.5" white beach/ white ceader wooden moulding to be provided along the periferi of the door frame. supplying and fixing door accessories as door closure, brass hinges, Cylindrical / Night latch locks and s.s handle. (Laminated skirting of 4" ht. as per approved colour to be placed all around the partition)				
2.A.	Partly glazed partition				
a	Partly glazed partition upto 4' ht ,including wicket gate	65	sft		
b	Partly solid and partly glazed partition 7' ht for Managers cabin	150	sft		
c	Partly glazed partition upto 7' ht for cash cabins ,Server Rm with sliding door and side with top of entrance	230	sft		
d	Block partition upto the bottom of ceiling	80	sft		
d	10 mm th.. TOUGHEND GLASS at cash counter at front with 3"dia central gap for communication and 2.5" gap throughout at the bottom of the glass .	27	sft		
3.	Main Entrance Door				

	Providing and fixing glass door -2 way - 6' x 7' for main entrance of branch - . A white beach wood frame size-6" x 2" as top and bottom rail with a decorative handle of 600 mm of approved brand, floor spring , locks, etc all complete. 12 mm thk. etched glass and UCO BANK logo to be provided and edge should be machine beveled polished. the work to be completed as per design and specification of the architect all complete. the wooden portion to be duly melamine polished.	42	sft		
	TABLE				
4	<p>Providing and fixing tables made out of 18 mmth. commercial blockboard of approved make claddded with 1.0mm laminate (color with vertical grain) as per design in all visible areas. All the exposed edges to be covered with wooden lippings and mouldings to be beachwood colour finish The drawers are to be made out of 18 mm thk. plywood duly 1.0 thk. laminated in the front, sides to be made out of 18 mm blockboard and bottom to be made out of 6 mm BWP and termiteproof plywood and it should play in drawer telescopic sliding channels. The inside of the drawer and the table to be duly polished. A legrest to be provided duly polished made out of 18mm thk.commercial blockboard. A shutter to be made by 18mm th. blockboard claddded with 1.0mm laminate. The necessary locks handles to be provided in each drawers and shutters. The table should have key board tray and ups trolley. The necessary wire managers to be provided on the tables and provision for lights to be kept in the front of the table. CPU to be fixed with the table at the bottom and it should not be placed on the floor or on the trolley.The work to be completed as per design and approval of Architect.</p> <p>12 mm th. clear glass on top of branch manager table and other officers table</p>				
a	Branch Manager ---3' x 6'	18	sft		
b	Officers table --	0	sft		
5 .	Cash / Open Counter				
	Providing and fixing top, front & side of cash counter made out of 18 mm BWP and termite proof blockboard as per design claddded with 1.0 mm thk. Laminated on side and front & the edges to be finished with necessary white beach or white ceader lippings, mouldings, etc. Special 6" drawer to be made for the cash with dividers of 12 mm plywood. the front of the drawer made out of 18mm blockboard finished with 1.0 mm laminate, sides 12 mm th. plywood and bottom to be made of 6 mm plywood. the inside and sides of the drawer to be duly polished. The drawers and shutters to be provided with necessary drawer sliding channels, hinges, locks etc.				

a	A leg rest to be provided made out of 18 mm thk. blockboard duly polished. Inside of the unit to be polished in the matching tone. All visible areas to be covered with beach or ceader lippings, mouldings with reddish brown colour polish. Wire manager, CPU trolley, keyboard tray to be provided. 4" ht. laminated skirting to be provided in all visible ares and 12 mm thk. x 18" wide Plain Glass to be provided at counter top customer face horizontally at 3'-9" lvl. The work should be completed as per specification. Cash counter --- 9 rft Open counter --9 rft (spec. same as above).	9	rft		
b		9	rft		
6.	Side Units : Low ht. Cabinet				
	Providing and fixing Side Unit/Back Unit made out of 18 mm th. commercial blockboard finished with 1.0mm laminate in all exposed areas. The drawers to be made out of 18 mm commercial blockboard in the front cladded with 1.0 mm laminate, side to be made out of 12 mm plywood and bottom made out of 6mm plywood duly painted in matching tone and it should play on drawer sliding channels. The shutters to be made out of 18mm blockboard and should play on drawer sliding castors on powder coated channels. The necessary locks, handles, etc to be provided. 4" laminated skirting to be provided all along the visible areas. Inside of the unit to be enamel painted of reddish brown colour and matching tone. All the exposed edges of the boards/plywoods to be covered with wooden lippings/mouldings duly polished all complete. The work to be completed as per approval and specification of the Architect. (3'-3") x 2'-6"ht. -- low ht. (4'-6" + 6' +8') x 3'-6" ht ---low ht (12') 9' ht ----- full ht. 4' x 4' ----- electrical panel board	197	sft		
7.	Standing Writing Ledge				
	Providing and fixing writing ledge with 10" wide as per design made out 18mm blockboard with necessary groove patterns 1.0mm laminate (color, vertical grain) to be cladded. 12 mm thk. machine polished glass to be provided on top of the writing ledge. Small boxes to be made out of 18 mm th. blockboard to be made on top of the writing ledge finished with 1.0 mm laminate , inside enamel painted. The ledge finished with 1.0mm laminate, inside enamel painted. The work to be completed as per design and approval of the Architect. -	5	rft		
8	Roller Blinds				
	Providing and fixing roller blinds of approvaed shade. The rate shall include necessary scoch guard treatment on both side. The work to be completed as par specification and approval of the Architect.	30	sft		
9	Synthetic Door Mat				
	Providing and fixing synthetic door mat 6 mm thk. As per approval of the Architect.	6	sft		
10	Notice board				
	Providing and fixing soft board with necessary frame work with 12 mm bwr plywood on top jolly board to be fixed finished with fabric @ Rs. 100, with necessary moulding duly polished along the periphery.	24	sft		
11	Complain and Cheque drop box				
	Providing & fixing Sal wood frame, fixing of 12 mm plywood with 1 mm thk. laminate finish, openable shutter for outside area. 8"wide x 18" length x 15"ht x 2 nos	4	sft		
12	Wall and Column panelling				
	Providing and fixing partition for wall and column paneling as per design with 2" x 1.5" sal wood frame work fixed to the column and wall. The frame work will be cladded with 6 mm thk. BWP and termite proof plywood and to be finished with approved 1.0 mm laminate as par design with approved band adhesive, extra frame work to be fixed for fixing glass. In the glazed partition 6 mm thk. Modiguard / Saint Gobain clear mirror glass to be provided duly fixed with White beach/White ceader lipping 50 mm x 25 mm all complete duly reddish brown colour polished with Melamine finish. The work should be completed as per specification, design & approval of the Architect. Wall ---Mirror portion - 30 sft	200	sft		
	GST EXTRA @ 12% AS PER GOVT. NORMS				

**TENDER DOCUMENT
FOR
ELECTRICAL WORK
AT
VIVEKANANDA SARANI, ASANSOL,
DISTRICT BURDWAN PASCHIM – WB**

Architect

Sanjoy Paul and Associates
House no- 40, 1st Avenue,
Sepco Township, Durgapur- 713205
Phone: 9333921690
E-Mail: 1965architectsanjoy@gmail.com

UCO BANK

Zonal Office, Burdwan
S. R. COMPLEX, POLICE LINE BAZAR
BURDWAN – W B. - 713103
ZO.BURDWAN@UCOBANK.CO.IN

INDEX

1. NOTICE INVITING TENDER
2. INSTRUCTIONS TO BIDDERS
3. FORMAT OF THE FORM FOR BIDDERS (TO BE SUBMITTED AS COVERING WITH THE BID)
4. CONDITIONS OF CONTRACT
5. IMPORTANT TENDER CONDITIONS
6. TECHNICAL SPECIFICATIONS
7. DETAILED SPECIFICATIONS FOR ELECTRICAL WORKS
8. LIST OF APPROVED MATERIALS & MAKES OF ELECTRICAL ITEMS.
9. SCHEDULE OF TENDER DRAWINGS FOR ELECTRICAL WORKS
10. BILL OF QUANTITIES FOR ELECTRICAL WORKS
11. SUMMARY SHEET
12. DRAWINGS – 1 NO.

1.0 NOTICE INVITING TENDER	: UCO Bank, Zonal Office BURDWAN, WEST BENGAL
1.1 EMPLOYER / OWNER	: Zonal Manager, UCO Bank BURDWAN, WEST BENGAL.
1.2 NAME OF WORK	: Electrical Works UCO Bank – VIVEKANAND SARANI, ASANSOL
1.3 PERIOD OF AVAILABILITY OF BIDDING DOCUMENT	: From 01.03.2019 to 06.03.2019
1.4 PLACE OF AVAILABILITY OF BIDDING DOCUMENTS	:UCO Bank, website
1.5 LAST DATE, TIME & PLACE FOR RECEIPT OF BIDS	: UCO Bank, Zonal Office, S. R. COMPLEX, POLICE LINE BAZAR BURDWAN-713103 Burdwan on 07.03.2019 at 2.00 PM
1.6 TIME & DATE OF OPENING OF BIDS	: 3.00 PM of 07.03.2019
1.7 PLACE OF OPENING OF BIDS	: UCO Bank, Zonal Office, S. R. COMPLEX, POLICE LINE BAZAR BURDWAN-713103
1.8 OFFICE INVITING BIDS	: UCO Bank, Zonal Office, S. R. COMPLEX, POLICE LINE BAZAR BURDWAN-713103
1.9 ARCHITECTS	: Sanjoy Paul and Associates House no- 40, 1 st Avenue, Sepco Township, Durgapur- 713205 Phone: 9333921690 E-Mail: 1965architectsanjoy@gmail.com
1.10 COST OF BIDDING DOCUMENT	: Rs. 500.00 In favour UCO Bank, payable at Burdwan.
1.11 EARNEST MONEY DEPOSIT	:Rs. 7,000.00 (Rupees Seven Thousand Only)
1.12 Corrigendum, if any, in this regard shall be uploaded on Bank's website only http://www.ucobank.com	

To -

Dear Sir,

Subject : Electrical works for UCO Bank, VIVEKANAND SARANI, ASANSOL Branch.

Item wise sealed tenders are invited in a two bid system for the above mentioned work for which tender document can be downloaded from the website of the bank at <http://www.ucobank.com>

Sealed bids in two envelope system (part A technical bid, part B financial bid) along with a demand draft drawn on any scheduled bank other than UCO Bank for **Rs. 7,000/- (Rupees Seven thousand Only)** drawn in favour of UCO Bank, Burdwan, should be submitted in a sealed cover & super scribed '**TENDER FOR ELECTRICAL WORKS FOR UCO BANK AT VIVEKANAND SARANI, ASANSOL.**

Tenders will be received on 01.03.2019 up to 06.03.2019 at **5.00 PM** and the technical bid shall be opened first to assess the technical soundness of the firm.

The financial bid will be opened for those firms only whose technical bid qualifies the technical evaluation criteria of the bank. Any tender received thereafter will not be accepted.

The Zonal Manager, UCO Bank shall not be bound to accept the lowest bid & reserves the right to reject any or all the tenders without assigning any reason.

The tender shall be valid for a period of sixty days from the date of opening of tender.

(Seal & Signature of UCO Bank)

(Seal & Signature of Contractor)

2.0	INSTRUCTION TO BIDDERS
2.1	SCOPE OF BID
2.2	ELIGIBLE BIDDERS
2.3	QUALIFICATION OF THE BIDDER
2.4	ONE BID PER BIDDER
2.5	COST OF BIDDING
2.6	SITE VISIT
2.7	CLARIFICATION OF BIDDING DOCUMENTS
2.8	AMENDMENT TO BIDDING DOCUMENT
2.9	ALL DOCUMENTS RELATING TO THE BID SHALL BE IN ENGLISH LANGUAGE ONLY
2.10	BID PRICES
2.11	BID VALIDITY
2.12	BID SECURITY (EARNEST MONEY)
2.13	FORMAT & SIGNING OF BID
2.14	SEALING & MARKING OF BIDS
2.15	LATE BIDS
2.17	MODIFICATION & WITHDRAWAL OF BID
2.18	BID OPENING
2.19	PROCESS TO BE CONFIDENTIAL
2.20	CLARIFICATION OF BIDS
2.21	EXAMINATION OF BIDS & DETERMINATION OF RESPONSIVENESS
2.22	CORRECTION OF ERRORS
2.23	EVALUATION & COMPARISON OF BIDS
2.24	AWARD CRITERIA
2.25	EMPLOYER'S RIGHT TO ACCEPT ANY BID & TO REJECT ANY OR ALL BIDS
2.26	NOTIFICATION OF AWARD & SIGNING OF AGREEMENT
2.27	DEFECTS LIABILITY PERIOD
2.28	COMPENSATION FOR DELAY
2.29	ADVANCE PAYMENT

2.1 SCOPE OF BID

- 2.1.1 The Zonal Manager, UCO Bank, Burdwan, West Bengal invites bids for interior Electrical works for **VIVEKANAND SARANI, ASANSOL Branch** (as defined in these documents & referred to as "the works") detailed herewith.
- 2.1.2 The successful bidder will be expected to complete the work / s by the intended completion date & to the desired quality as specified in the contract data.

2.2 ELIGIBLE BIDDERS

- 2.2.1 All bidders shall provide in section 3.0 forms of bid & qualification information, a statement that bidder is not associated, nor has been associated in the past, directly or indirectly, with the consultant or any other entity that has prepared the design, specifications & other documents for the project or being proposed by the Zonal Office, UCO Bank, Burdwan or any of its officers.

2.3 QUALIFICATION OF THE BIDDER

- 2.3.1 All bidders shall provide in the section 3.0 forms of bid & qualification information, a preliminary description of the proposed work method & schedule, including drawings & charts (as necessary).
- 2.3.2 In the event that pre qualification of potential bidders has been undertaken, only bids from the pre qualified bidders will be considered for award of the contract. Otherwise all the bidders should submit the following documents with their bids -
- Proof of definition of the constitution or legal status, place of registration & principal place of business; written power of attorney of the signatory of the bid of commit the bidder.
 - Total monetary value of construction work performed for each of the last five years.
 - Experience in works of a similar nature & size for each of the last five years.
 - Qualifications & experience of key site management & technical personnel proposed for the contract.
 - Reports on the financial standing of the bidder, such as profit & loss statements & auditor's reports for the past five years.

- (f) Evidence of adequacy of working capital for this contract.
 - (g) Information regarding any litigation, current or during the last five years, in which the bidder is involved, the parties concerned & disputed amount. (Including income tax, G. S. T. & C.S.T. service tax authorities).
 - (h) Proposals to subcontracting components of the works amounting to more than 10% of the contract price (if permitted & necessarily to be vetted by the architect).
 - (i) Income tax permanent account of the bidder.
 - (j) Income tax clearance certificate for the current financial year.
 - (k) U.P. trade tax registration no.
 - (l) Any additional information as needed in the contract document.
- 2.3.3 Bids from joint ventures are not acceptable.
- 2.3.4 To qualify for award of the contract, each bidder in its name should have in the last three years:
- (a) Achieved a minimum financial turnover (in all classes of interior Electrical work only) of Rs. **25.0 lacs** in each three preceding years, supported by audited balance sheets.
 - (b) Successfully completed three prime contracts of at least similar work type of value not less than Rs. **6.50 lacs** in the last two financial years.
 - (c) Any additional condition as imposed in the tender document.

2.4 ONE BID PER BIDDER

- 2.4.1 Each bidder shall submit only one bid. A bidder who submits or participates in more than one bid (other than as a sub contractor or in the case of alternatives that have been permitted or requested) will cause all the proposals with the bidder's participation to be disqualified.

2.5 COST OF BIDDING

- 2.5.1 The bidder shall bear all costs associated with the preparation & submission of his bid, & the employer will in no case be responsible & liable for those costs.

2.6 SITE VISIT

- 2.6.1 The bidder, at his own risk, cost & responsibility is encouraged to visit & examine the site of works & its surroundings & obtain all information that may be necessary for preparing the bid & entering into a contract for work/s.

2.7 CLARIFICATION OF BIDDING DOCUMENTS

- 2.7.1 A prospective bidder requiring any clarification regarding the bidding document may notify the employer in writing or by cable (hereinafter "cable" included telex, facsimile, e-mail, hybrid mail, telegram) at the employer's address indicated in the invitation bid. The employer will respond to any request for clarification which he receives earlier than 7 days prior to the deadline for the submission of bids. Copies of the employer's response will be forwarded to all purchasers of the bidding documents, including a description of the enquiry but without identifying its source.

2.8 AMENDMENT TO BIDDING DOCUMENT

- 2.8.1 Before the deadline for the submission of the bid, the employer may modify the bidding documents by issuing addenda.
- 2.8.2 Any addendum thus issued shall be part of the bidding documents & shall be communicated in writing or by cable to all purchasers of the bidding documents. Prospective bidders shall acknowledge receipt of each addendum by cable to the employer. For this purpose it is mandatory for all prospective bidders to furnish a fax no. at the time of purchase of the document.
- 2.8.3 To give prospective bidders reasonable time in which to take an addendum into account in preparing their bids, the employer shall extend as he thinks is necessary the deadline for submission of the bids. The discretion to do so & the time to be extended would be the privilege of the employer.

2.9 ALL DOCUMENTS RELATING TO THE BID SHALL BE IN ENGLISH LANGUAGE ONLY.

2.10 BID PRICES

- 2.10.1 The contract will be for the whole work based on the priced bill of quantities submitted by the bidder.

- 2.10.2 The bidder shall fill in rates & prices for all items of the works described in the bill of quantities. Items for which no rate or price is entered by the bidder will not be paid for by the employer when executed & shall be deemed covered by the other rates & prices in the bill of quantities. Corrections, if any, shall be made by crossing out, initialing, dating & rewriting.
- 2.10.3 All duties, taxes & other levies payable by the contractor under the contract or for any other cause shall be included in the rates, prices & total bid price submitted by the bidder.
- 2.10.4 The rates & prices quoted by the bidder shall be fixed for the duration of the contract & shall not be subject to adjustment on any account.

2.11 BID VALIDITY

- 2.11.1 Bids shall remain valid for a period not less than sixty days after the deadline date for the bid submission. A bid valid for shorter period shall be rejected by the employer as non responsive.
- 2.11.2 In exceptional circumstances, prior to expiry of the original time limit, the employer may request that the bidders may extend the period of validity for a specified additional period. The request & the bidder's response shall be made in writing or by cable. A bidder may refuse the request without forfeiting his bid security. A bidder agreeing to the request will not be required or permitted to modify his bid except the validity period.

2.12 BID SECURITY (EARNEST MONEY)

- 2.12.1 as per section 1
- 2.12.2 No bank guarantees will be acceptable in lieu of the above.
- 2.12.3 The bid security of the unsuccessful bidders shall be returned within 28 days of the end of the bid validity period as specified in earlier section or earlier if the owner so desires.
- 2.12.4 No interest whatsoever shall be payable on the said bid security.
- 2.12.5 The bid security of the successful bidder shall be discharged after the clearance of the first running bill.

2.13 FORMAT & SIGNING OF BID

- 2.12.1 The original copy of the bid shall be typed or written in indelible ink & shall be signed by a person or persons duly authorized to sign on behalf of the bidder. All pages of the bid where entries or amendments have been made shall be initialed by the person / s signing the bid.
- 2.13.2 The bid shall contain no alterations, except those to comply with instructions issued by the employer, or as necessary to correct errors made by the bidder, in which case such corrections shall be initialed by the person/s signing the bid.

2.14 SEALING & MARKING OF BIDS

- 2.14.1 The bidder shall seal the original bid in a non transparent envelope duly marking it as original. This envelope shall be kept inside another envelope which shall be sealed & signed across the joints by the person / s authorized by the bidder.
- 2.14.2 The inner & outer envelope shall be addressed to the employer at the following address:
**The Zonal Manager,
UCO Bank, Zonal Office,
BURDWAN**
- 2.14.3 The top of the envelope shall have clearly written in block letter the following -
"BID FOR ELECTRICAL WORKS OF UCO BANK, VIVEKANAND SARANI, ASANSOL
- 2.14. The lower left hand corner of the envelope, the name & address of the bidder along with the telephone no. / S & fax. No. / S should be inscribed.
- 2.14.5 If the outer envelope is not sealed & marked as in 2.14.1, the employer will assume no responsibility for the misplacement or premature opening of the bid.

2.15 DEADLINE FOR SUBMISSION OF BIDS

- 2.15.1 Bids must be received by the employer at the address specified above no later than 02.00 PM at **07-03-2019**.

In the event of the specified date for the submission of the bids is declared as a holiday by the employer's organization, the bids will be received up to the appointed time on the next working day.

- 2.15.2 The employer may extend the deadline for submission of bids by issuing an amendment in which case all rights & obligations of the employer & the bidders previously subject to the original deadline will then be subject to the new deadline.
- 2.15.3 In case of the above, all those bidders whose names, addresses & fax nos. are in record with the employer will be intimated by cable at least two days in advance of the proposed date of submission of the bid.
- 2.15.4 Those bidders who fail to register their name, addresses & fax no. with the employer at the time of collection of the bid document shall have no right to 2.15.3 & cannot hold the employer responsible for any damages whether direct or indirect.

2.16 LATE BIDS

- 2.16.1 Any bid received by the employer after the deadline as prescribed earlier will be returned unopened to the bidder.

2.17 MODIFICATION & WITHDRAWAL OF BID

- 2.17.1 Bidders may modify or withdraw their bids by giving notice in writing before the deadline as prescribed in clause no.2.15
- 2.17.2 Each bidder's modification or withdrawal notice shall be prepared, sealed, marked & delivered in accordance with clause no.2.13 & 2.14 with the outer & inner envelopes additionally marked "MODIFICATION" or "WITHDRAWAL" as appropriate. No bids may be modified or withdrawn after the deadline for submission of bids.
- 2.17.3 Withdrawal or modification of the bid between the deadline for submission of bids & the expiration of the original validity period or extended as above will result in the forfeiture of the bid security.

2.18 BID OPENING

- 2.18.1 The employer will open the bids, including the modifications in the presence on the bidders or their authorized representative / s who chose to attend at 15:00 hrs on the date & place specified in the bid document. In the event of the specified date of the bid opening being declared a holiday by the employer's organization, the bids will be opened at the appointed time & location on the next working day.
- 2.18.2 Envelopes marked withdrawal shall be opened & read out first.
- 2.18.3 The bidder's name, the bid price, the total amount of each bid & of any alternative bid (if alternatives have been requested & permitted), any discounts, bid modifications & withdrawals, the presence or absence of bid security & such other details as the employer may consider appropriate, will be announced by the employer at the opening. Any bid price, discount, or alternative bid price which is not read out & recorded at the bid opening will not be taken into account in bid evaluation.

2.19 PROCESS TO BE CONFIDENTIAL

- 2.19.1 Information regarding to the examination, clarification, evaluation & comparison of bids & recommendations for the award of a contract shall not be disclosed to bidders or any other persons not officially concerned with such process until the award to the successful bidder has been announced. Any effort by the bidder to influence the employer's processing of bids or award decisions may result in the rejection of his bid.

2.20 CLARIFICATION OF BIDS

- 2.20.1 To assist in examination, evaluation & comparison of bids, the employer may, at his discretion, ask any bidder for clarification of the bidder's bid, including breakdowns of unit rates. The request for clarifications & the response shall be in writing or by cable, but no change in the price of substance shall be sought, offered or permitted except as required to confirm the correction of arithmetic errors discovered by the employer in the evaluation of the bids.

2.21 EXAMINATION OF BIDS & DETERMINATION OF RESPONSIVENESS

- 2.21.1 Prior to the detailed evaluation of bids, the employer will determine whether each bid
- (a) Meets the eligibility criteria defined in clause 2.2 & 2.3
 - (b) Has been properly signed
 - (c) Is accompanied with the required securities
 - (d) Is substantially responsive to the requirements of the bidding documents.
- 2.21.2 A substantially responsive bid is one which confirms to all terms, conditions & specifications of the building documents without material deviation or reservation. A material deviation or reservation is one:
- (a) Which limits in any substantial way the scope, quality or performance of the works

- (b) Which limits in any substantial way, inconsistent with the bidding document, the employer's rights or the bidder's obligations under the contract.
 - (c) Whose rectification would affect unfairly the competitive position of other bidders presenting substantially responsive bids.
- 2.21.3 If a bid is not substantially responsive, it will be rejected by the employer, & may not subsequently be made responsive by correction or withdrawal of the non confirming deviation or reservation.

2.22 CORRECTION OF ERRORS

- 2.22.1 Bids determined to be substantially responsive will be checked by the employer for any arithmetic errors. Errors will be corrected by the employer as follows -
- (a) Where there is a discrepancy between the rates in figures & in words, the rate in words shall govern.
 - (b) Where there is a discrepancy between the unit rate & the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern.
- 2.22.2 The amount stated in the bid will be adjusted by the employer in accordance with the above procedure for the correction of errors & with the concurrence of the bidder, shall be considered as binding upon the bidder. If the bidder does not accept the correction amount, the bid will be rejected & the bid security may be forfeited.

2.23 EVALUATION & COMPARISON OF BIDS

- 2.23.1 The employer will evaluate & compare only bids determined to be substantially responsive in accordance with clause no. 2.21
- 2.23.2 In evaluating the bids, the employer will determine for each bid the evaluated bid price by adjusting the bid price as follows:
- (a) Making any correction for errors pursuant to clause no. 2.22
 - (b) Making appropriate adjustment for any other acceptable variations, deviations etc.
 - (c) Making appropriate adjustments to reflect discounts or other price modifications offered.
- 2.23.3 The employer reserves the right to accept or reject any variation, deviation or alternative offer. Variations, deviations & alternative offers & other factors which are in excess of the requirements of the bidding documents or otherwise result in unsolicited benefits for the employer shall not be taken into account in bid evaluation.

2.24 AWARD CRITERIA

- 2.24.1 Subject to clause 2.25, the employer will award the contract to the bidder whose bid has been determined to be substantially responsive to the bidding documents & who has offered the lowest evaluated bid price. Provided that such bidder has been determined to be eligible in accordance with provisions of clause 2.2 & qualified in accordance with provisions of clause 2.3. It may be noted that having lowest bid is not the only criterion for award of the contract & does not guarantee the bidder of getting the contract.

2.25 EMPLOYER'S RIGHT TO ACCEPT ANY BID & TO REJECT ANY OR ALL BIDS

- 2.25.1 Notwithstanding clause 2.24, the employer reserves the right to accept or reject any bid, & to cancel the bidding process & reject any or all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds of the employer's action.

2.26 NOTIFICATION OF AWARD & SIGNING OF AGREEMENT

- 2.26.1 The bidder whose bid has been accepted will be notified of the award by the employer prior to expiration of the bid validity period by cable confirmed by registered letter. The letter (hereinafter & in the conditions of contract called the "letter of acceptance") will state the sum that the employer will pay the contractor in consideration of the execution, completion & maintenance of the works by the contractor as prescribed by the contract (herein after called the 'contract price')
- 2.26.2 The notification of award will constitute the formation of the contract subject only to the Electrical of a performance guarantee in accordance with the provisions of clause 2.27
- 2.26.3 The agreement will incorporate all agreements between the employer & the successful bidder. It will be signed by the employer & sent to the successful bidder within 28 days following the notification of award along with the letter of acceptance. Within 7 days of the receipt, the successful bidder will have to sign the agreement & deliver it to the employer.

- 2.26.4 If the successful bidder fails to do so, the employer will assume that the successful bidder is unwilling to execute the contract & the bid security of the successful bidder will be forfeited
- 2.26.5 In case of 2.26.4, the employer reserves the right to award the contract to the next lowest bidder provided he agrees to work on the same bid price as that of the successful bidder.
- 2.26.6 The owner may, at his own discretion, in the event of 2.26.4 happening call for fresh bids.
- 2.26.7 Upon the Electrical by the successful bidder of the performance security, the employer will promptly notify the other bidders that their bids have been unsuccessful.

2.27 DEFECTS LIABILITY PERIOD

- 2.27.1 Twelve months from the date of virtual completion of work.

2.28 COMPENSATION FOR DELAY

- 2.28.1 Penalty for the delayed work / liquidated damages will be charged and payable @1% of the contract value per week up to a maximum of 5% of the contract value. In the event of the penalty charged exceeding 5% of the contract value, the Bank will be free to determine the contract after recovery of such charges from the security deposit and / or the retention amount. In case of any amount remaining outstanding, the same will be recoverable from any other works being carried out by you for the Bank or through appropriate legal action. In case of delays on the part of Bank, suitable extension of time will be granted but no other compensation will be paid for such delay.

2.29 ADVANCE PAYMENT

- 2.29.1 No advance payment whatsoever will be made to the successful bidder for mobilization or for any other reason / s.

3.0 FORMAT OF THE FORM FOR BIDDER (TO BE SUBMITTED AS COVERING WITH THE BID)

To -

The Zonal Manager,
UCO Bank, Zonal Office,
BURDWAN, WEST BENGAL

Subject - Tender for Electrical works for UCO Bank, VIVEKANAND SARANI, ASANSOL

Sir,

1. I / we submit tender for execution of work as mentioned above as per the tender documents within the time schedule of completion of work for jobs, as separately signed & accepted by me / us, at the schedule of rates quoted by me / us for the whole work in accordance with notice inviting tender, instructions to the bidder, conditions of contract, important tender conditions, technical specifications, list of approved materials, bill of quantities, drawings as per all other details given in the tender document.
2. It has been explained to me / us that the time stipulated for jobs & completion of works in all respects & in different stages mentioned in the time schedule of completion of jobs & signed & accepted by me / us is the essence of the contract. I / we agree that in the case of failure on my / us part to strictly observe the time of completion mentioned for job / s on any of them to the completion of job / s, I / we shall pay compensation to the owner as per the provisions & stipulations contained in the tender document & I / we agree to recovery being made as specified therein. In exceptional circumstances, extension of time will not be counted for the extension of completion dates stipulated for the job & for the final completion of work as stipulated in the said "time of schedule" of completion of jobs.
3. I / we agree to pay the security deposit & accept the terms & conditions laid down below in this respect:
 - (a) Retention money : 5% of contract value will be deducted from each running / final bill of the contractor towards security deposit for 12 months.
 - (b) E.M.D. : We deposit herewith E.M.D. of Rs (as specified) by D.D. 7000/-favoring UCO Bank, payable at BURDWAN.

4. Should this tender be accepted, I / we hereby agree to abide by & fulfill all terms & conditions to above & in default therefore, to forfeit & pay to the owner or its successors or it's authorized nominees such sums of money as are stipulated in conditions of contract.
5. If I / we fail to commence the work specified in the memorandum in Para (2) above, or I / we fail to deposit the amount of security deposit specified in the memorandum in (3) above, I / we agree that the said owner or its successor without prejudice to any other right or remedy be at liberty to forfeit the said security specified in (3) above. The said owner shall also be at liberty to cancel the notice of acceptance of tender in I / we fail to execute an agreement or to start work as stipulated in the tender documents.

Date.....Day of.....2019.

Name in block letters -

Address -

Yours faithfully,

Signature of tenderer / s with the seal of the firm

Name & designation of authorized person signing the tender on behalf of the tenderer / s -

4.0 CONDITIONS OF CONTRACT

- 4.1 DEFINITIONS
- 4.2 EMPLOYER'S RISK
- 4.3 CONTRACTOR'S RISK
- 4.4 INSURANCE
- 4.5 SAFETY
- 4.6 POSSESSION OF THE SITE
- 4.7 SAMPLES & SHOP DRAWINGS
- 4.8 TIME OF COMPLETION
- 4.9 WATER & ELECTRICITY
- 4.10 VIRTUAL COMPLETION
- 4.11 VARIATIONS
- 4.12 TYPE OF CONTRACT
- 4.13 SCHEDULE OF QUANTITIES & VARIATIONS
- 4.14 LICENSE & PERMITS
- 4.15 TAXES
- 4.16 DELAYS
- 4.17 COMPENSATION FOR DELAY
- 4.18 LIQUIDATION DAMAGES
- 4.19 LABOUR REGULATIONS
- 4.20 SECURITY
- 4.21 ESCALATION OF MATERIALS COST
- 4.22 EXTRAS & VARIATIONS
- 4.23 WITHHOLDING OF PAYMENTS
- 4.24 CORRECTION OF WORK BEFORE VIRTUAL COMPLETION OF WORK
- 4.25 VIRTUAL COMPLETION
- 4.26 DEFECTS
- 4.27 METHODS OF MEASUREMENT
- 4.28 DISMISSAL OF CONTRACTOR'S EMPLOYEES
- 4.29 TERMINATION OF THE CONTRACT BY THE OWNER
- 4.30 JURISDICTION
- 4.31 TESTS & CERTIFICATES
- 4.32 CLEANING THE SITE
- 4.33 OPERATIONAL CONSTRAIN

4.1 DEFINITIONS

- 4.1.1 Bill of quantities means the prices & complete bill of quantities forming part of the bid.
- 4.1.2 The contract is the contract between the employer & the contractor to execute, complete & maintain the works.
- 4.1.3 The contractor is a person or corporate body whose bid to carry out work has been accepted by the employer.
- 4.1.4 The contract data defines the documents & other information which comprise the contract.
- 4.1.5 The contractor's bid is the completed bidding document submitted by the contractor to the employer.
- 4.1.6 The contract price is the price stated in the letter of acceptance & thereafter as adjusted in accordance with the provisions of the contract.
- 4.1.7 Days are calendar days & months are calendar months.
- 4.1.8 The defects liability period is the period named in the contract data & calculated from the completion date.
- 4.1.9 The employer is the party who will employ the contractor to carry out the works. In this case it will be -

**The Zonal Manager,
UCO Bank, Zonal Office,
BURDWAN, WEST BENGAL**

4.1.10 The Engineer / Architect is the person named in the contract data or any other competent person appointed & notified to the contractor to act as replacement to the engineer / architect) who is responsible for supervising the contractor, administering the contract, certifying payments due to the contractor, issuing & valuing variations to contract, awarding extensions of time (if permissible) & valuing the compensation events (if permitted). In this case the Engineer / Architect will be -

Sanjoy Paul and Associates

House no- 40, 1st Avenue,

Sepco Township, Durgapur- 713205

Phone: 9333921690

EMail: 1965architectsanjoy@gmail.com

- 4.1.11 Equipment is the contractor's machinery & vehicles brought temporarily to the site to construct works.
- 4.1.12 The initial contract price is the contract price listed in the employer's letter of acceptance.
- 4.1.13 The intended completion date is the date on which it is intended that the contractor shall complete the works. The intended completion date is specified in the contract data. The intended completion date may be revised only by the engineer in consultation with the owner by issuing an extension of time.
- 4.1.14 Materials are all supplies, including consumables, used by the contractor for incorporation in the works.
- 4.1.15 The site is the area defined as such in the contract data which shall be:
UCO Bank at VIVEKANAND SARANI, ASANSOL BRANCH.
- 4.1.16 Specification means the specification of the works included in the contract & any modification or addition made or approved by engineer / architect.
- 4.1.17 the start date is given in the contract data, it is the date when the contractor shall commence execution of the works. It does not necessarily coincide with any of the site possession data.
- 4.1.18 Temporary works are works designed, constructed, installed & removed by contractor which are needed for construction or installation of the works.
- 4.1.19 a variation is an instruction given by the engineer/architect which varies the work.

4.2 EMPLOYER'S RISK

- 4.2.1 The employer is responsible for the accepted risks which are -
 - (a) In so far as they directly affect the execution of the work in the employer's country, the risk of war, hostilities, acts of terrorism, riot, commotion of disorder (unless restricted to the contractor's employees).
 - (b) A cause due solely to the design of the works, other than the contractor's design.

4.3 CONTRACTOR'S RISK

All risks of loss of or damage to physical property & of personal injury & death which arise during & in consequence of the performance of the contract other than the accepted risks are the responsibility of the contractor.

4.4 INSURANCE

Before commencing the execution of works, the contractor without limiting his obligations & responsibilities under this contract, shall ensure against his liability for any loss or injury which may occur to any person including any employee of the owner or a member of the general public, by or arising out of the execution of the work or in carrying out of the contract. Unless otherwise stipulated elsewhere in this contract, it shall be obligatory for the contractor to obtain the insurance cover under the following policy -

- (a) Contractor's all risks insurance policy to cover the following:
- (b) Policy to cover contractor's liability under workmen's compensation act 1923, minimum wages act 1948, contract labour (regulation & abolition act 1970 & other relevant acts listed elsewhere). This shall be for the period of compensation period.

The contractor shall insure against all such liabilities & shall continue such insurance during the whole of the time when any person employed by him is on the works. Premium for all insurance policies shall be paid by the contractor & shall not be reimbursable.

4.5 SAFETY

The contractor shall be responsible for the safety of all activities on the site.

4.5 DISCOVERIES

Anything of historical or other interest of significant value unexpectedly discovered on the site is the property of the employer. The contractor is to notify the engineer of such discoveries & carry out the engineer's instructions for dealing with them.

4.6 POSSESSION OF THE SITE

The employer shall give possession of all parts of the site to the contractor. If possessions of a part are not given by the date stated in the contract data, the employer is deemed to have delayed the start of the relevant activities.

4.7 SAMPLES & SHOP DRAWINGS

After the award of the contract, the contractor shall furnish for the approval of the architect, samples & shop drawings (where appropriate) for all materials, finishes & work listed elsewhere in these conditions.

4.8 TIME OF COMPLETION

The work shall be completed in all respects within 15 **days** (including holidays & Sundays) from the date of award of work inclusive of mobilization period.

4.9 WATER & ELECTRICITY

These shall be arranged by the owner at one or more convenient point/s. Necessary extensions of these supplies will have to be got executed by the contractor at his own cost.

4.10 VIRTUAL COMPLETION

Virtual completion certificate shall mean the certificate / s to be issued by the architect when the “works” according to the architect have been completed in every respect in conformity with the contract documents & are ready & fit for occupation / commissioning.

4.11 VARIATIONS

The owner reserves the right to increase, decrease or delete the scope of work or any or all items, subject to limitation laid down. The contractor shall have no claim for loss of anticipated profits or for any other reason whatsoever on account of these variations.

4.12 TYPE OF CONTRACT

The contract shall be an item rate contract. The contractor shall be paid at the contract rates, for the actual quantity of the work carried out by him as measured, in accordance with the contract documents.

4.13 SCHEDULE OF QUANTITIES & VARIATIONS

The quantities given in the schedule of quantities are provisional & are meant to indicate the intent of work & provide a uniform basis for tendering. The contractor shall be paid for the actual quantity of work executed by him in accordance with the right to increase or decrease any of the quantities or totally omit any items of work & the contractor shall not claim any extra or damages on these grounds subject to the condition that the overall contract amount is not varied by more than +- 50%.overall contract amount, for the purpose of variation shall not take into account the additions to the total amount because of escalation of price materials, labour, etc. Any error in description or in quantity or omission of item in the schedule of quantities shall not vitiate this contract but shall be deemed to be a variation required by the architect.

4.14 LICENSE & PERMITS

License & permits for all materials under the govt. control shall be obtained by the contractor directly. The owner may assist the contractor in this respect to the extent possible. The contractor shall include in his tender all transport charges & other expenses that may be incurred in this connection.

4.15 TAXES

The rates quoted by the contractor for each item shall be inclusive of all taxes, such as sales tax both central & state), trade tax, income tax, turnover tax, works contract tax, excise duty, octroi etc. complete on all materials & equipment forming part of the work.

4.16 DELAYS

Should the contractor be delayed or impeded in; the execution of works by reason of:

- (a) Force majeure.
- (b) By the works or delays of other contractors or tradesman, engaged or nominated by the owner & not referred to in the contract document.
- (c) The non delivery or delay in the delivery to the contractor of any materials & equipment which under the contract the owner or the architect; or
- (d) Any cause, whatever arising out of the acts of defaults of the owner or the architect; or
- (e) Any accident happening to the works during the progress not arising from negligence, default of the contractor or his workmen or subcontractor; or
- (f) Extras or variations being ordered by the architect; or
- (g) Any other cause which is in the opinion of the architect has caused delay; the contractor may from time to time within 14 working days of the happenings of any of the aforesaid, writing to the architect for an extension of time on account thereof, setting forth the cause of such delays.

The architect / owner shall, if he thinks the cause sufficient but not otherwise, by writing within 14 working days extend the time of completion of the works for such periods as he shall think adequate.

Unless the contractor shall ask for any extension of time within the period & the manner aforesaid,* unless & until the architect / owner shall extend the time aforesaid, the contractor shall not by reason of any delay arising from cause aforesaid, be relieved in any way or to any extent from his obligation to proceed with, execute & complete the works within the time specified in the contract for the completion of the work.

4.17 COMPENSATION FOR DELAY

The contractor shall not be entitled to any compensation for any loss suffered by him on account of delays in commencing or executing the work whatever the cause of delays arising out of modification of the work entrusted to him or in any sub contracts connected therewith or delays in contracts for other trades of the project or in commencement of completion of such works.

4.18 LIQUIDATION DAMAGES

The contractor shall pay the owner such as stipulated liquidation damage for each day. Sundays & holidays inclusive that he work remain incomplete after the contract date for completion orally extended time as may be granted by the architect, provided that the total amount payable by way of damages shall not exceed 10% (ten percent only) of the total initial contract amount.

4.19 LABOUR REGULATIONS

The contractor shall be wholly & solely responsible for full compliance with the provisions under all labour laws of the Union of India &/or regulations such as payment of wages act 1936, minimum wages act 1948 & it's subsequent amendment/s.

4.20 SECURITY

It will be responsibility of the contractor only.

4.21 ESCALATION OF MATERIAL'S COST

It is a fixed rate contract, no escalation either on materials or labour whatsoever shall be paid under any circumstances.

4.22 EXTRAS & VARIATIONS

If at any time whilst the works are in progress it shall be deemed specially by the architect to order material or work of a different description from that specified, he shall have full power to order & direct any such variations & additions & the work involved in any such variations additions shall be executed by the contractor if of the class of work provided for in the documents at the contract, or extend the time of completion but such additions or variations shall be paid for or deducted from the account of the contractor, as the case may require, according to the rates set but in the schedule of quantities.

The rates for such additional altered or substituted work under this clause shall be worked out in accordance with the following provisions in their respective order -

- (a) If the rates for the additional, altered or substituted work specified in the contract for the work, the contractor is bound to carry out the additional, altered or substituted work at the same rate as specified in the contract for work.
- (b) If the rates for the additional, altered or substituted work are not specifically provided in the contract for the work, then such rates will be derived from the rates for a similar class of work as specified in the contract for work.
- (c) If the altered, additional or substituted work cannot be derived from similar class of work as laid down in (b) above, then the rates for such items of work shall be completed on the basis of the analysis of rates as provided in all schedule of rates 1977-III standard analysis of rates (volume I & 2) published by national building organization, New Delhi.

But if the contractor & architect cannot agree as to the rate to be paid, the architect may order & direct the same to be done by such person/s as he may think fit; & such person/s shall be permitted by the contractor to enter upon the works for the purpose of carrying out such work/s as is required.

4.23 WITHHOLDING OF PAYMENTS

The architect may withhold or on account of subsequently discovered evidence, nullify the whole or a part of any certificate to such extent as may be necessary to protect, the owner from loss on account of -

- (a) Defective work not remedied.
- (b) Failure of the contractor to make payments to sub contractors (if permitted) for materials or labour or equipments.
- (c) A reasonable doubt that the contract can be completed for the balance unpaid amount. Damage of works of another contractor or sub-contractor.

4.24 CORRECTION OF WORK BEFORE VIRTUAL COMPLETION OF WORK

The architect shall conduct a final inspection just prior to the virtual completion of the work & prepare a list of materials, equipment & items of work which fail to confirm to the contract specifications. The contractor shall promptly replace & re execute such items in accordance with the contract & shall bear all expenses of making good all work & the cost work of other contractors destroyed or damages by such replacement or removal. If the contractor fails to remove & replace above, rejected materials, equipment & or workmanship within a reasonable time, fixed by written notice, the owner may employ any other persons to amend & make good such defects at the expense to the contractor.

All expenses incurred by the owner in consequent on the defects shall be recoverable from any amount due or that may become due to the contractor.

4.25 VIRTUAL COMPLETION

The work shall be considered to be virtually complete only upon fulfillment of the procedure laid down in clause above & when the architect has certified in writing that the work has been virtually completed. The defects liability period shall commence from the date of the certificate.

Should the owner decide to occupy any portion/s of the building or use any part of any equipment, before the contract is completed, same shall not constitute as acceptance of any part of the work unless so stated in writing by the architect.

4.26 DEFECTS

- 4.26.1 The contractor shall make good, at his own cost & to the satisfaction of the architect from work of materials not being in confirmation of the drawings or specifications or schedule of quantities or the specifications of the architect, which may appear within six months after completion of work.
- 4.26.2 Any defects noticed & brought to the attention of the contractor shall be promptly attended to by the contractor expeditiously.
- 4.26.3 After the contract is signed, the contractor will be furnished with two copies of the drawings & two copies each of conditions & contract, specifications & schedule of quantities without cost to him for his own use until the completion of the contract. Additional copies of the drawings & other documents will be supplied on payment to the architect at actual cost.

In general, the drawings shall indicate dimensions, position & type of construction; the specification shall indicate the quantity & rate for each item of work. However the above documents being complementary, what is called for by any one shall be binding as if called for by all. In case of any discrepancies in or among the documents, the

most stringent of all shall apply. No deviations from the drawings, specifications & schedule of quantities shall be made. The architect's interpretation of these documents shall be final & without appeal.

4.27 METHODS OF MEASUREMENT

For measuring of work, the standard method of measurement in accordance with the standards laid down by the BIS shall be adopted unless otherwise specified. In the event of any dispute with regard at the mode of measurement of the work executed, the decision of the architect shall be final & binding.

4.28 DISMISSAL OF CONTRACTOR'S EMPLOYEES

The contractor shall on request of the architect immediately dismiss from the works of any person / s employed thereon by him who may, in the opinion of the architect be incompetent misconduct's himself & such person shall not be re employed on the works without the permission of the architect.

4.29 TERMINATION OF THE CONTRACT BY THE OWNER

If the contractor should persistently or repeatedly refuse to carry on the work diligently or shall fail except in case for which extension of time is provided, to supply enough properly skilled manpower or proper materials or equipment for the progress of work, or if he should fail to make prompt payments to sub contractors(if permitted) or for materials or equipment / s or labour or persistently disregard laws, ordinances or instructions of the architect or otherwise be guilty of a violation of any provision of the contract, or has abandoned the contract, or has failed to commence the works, or has suspended the works, then the owner upon the certificate of the architect that sufficient cause exists to justify such action say without prejudice to any other right or remedy & after giving the contractor seven days notice in writing, terminate the employment of the contractor & take possession of the premises of all materials, equipment/s, T&P thereon & use these as owners property for the completion of the work. In such case, the contractor shall not be entitled to receive any further payment until the work is finished.

4.30 JURISDICTION

All matters arising out of or in way connected with this agreement shall be deemed to have arisen at BURDWAN & shall have jurisdiction to determine the same.

4.31 TESTS & CERTIFICATES

The contractor shall be & remain liable at his own cost to conduct all tests at all relevant times during supply, erection & installation of any works, structures, materials & components as shall be required in terms of the contract document. On testing if the architect is not satisfied by the quality or workmanship of any structure, material or component, the contractor shall re perform as per the specifications.

4.32 CLEANING THE SITE

The contractor shall be responsible for removing malba from the site to place permitted by the municipal authorities every 48 hours & cleaning the site regularly. Cost of removal of malba, transportation, loading, unloading etc. (up to any lead) shall be included in the cost of the relevant item of construction.

4.33 OPERATIONAL CONSTRAIN

This is a relocation branch & the space is freely available during period of execution.

5.0 IMPORTANT TENDER CONDITIONS (over riding any other condition laid down earlier)

1. Possession of site : Immediate.
2. Time of completion : 15 days from the date of handing over the site.
3. Liquidation damages per day : Rs.1500/- per day inclusive of Sunday, holidays, limited to 10% of the Contract amount.

4. Payment schedule : No advance payment will be made.
Maximum of two interim payments on running bills before final bills.
5. Retention money : 5% (five percent only) of the value of the interim bills.
6. Period of submitting final bills : Within 30 days of virtual completion of work.
7. Release of retention money : (a) 50% of the retention amount within 15 days of virtual completion.
(b) Balance 50% after end of defects liability period & after discharge of defects liability.
8. Defects liability : 12 months from the date of virtual completion.
9. Estimated cost of work : As / section 1.
10. Income tax & other taxes : will be deducted as per the prevailing income tax, works contract tax etc. Laws.
11. Rates : G.S.T Taxes to extra, G.S.T. TO BE MENTIONED BY THE CONTRACTOR.

6.1 MATERIALS

6.1.1 Quality

All materials used in the works shall be of their respective kinds as specified herein, obtained from sources & suppliers as approved by the architects & shall comply strictly with the tests prescribed hereafter, or where tests are not laid down in the specifications, with the requirements of the latest issue of the relevant Indian standard.

6.1.2 Sampling & testing

All materials used in the works shall be subject to inspection & test in addition to test certificate of all materials proposed to be incorporated in permanent works shall be submitted to the architect for approval before they are brought to the site.

6.1.3 Rejection

Any materials that have been not found to confirm to the specifications will be rejected forthwith & shall be removed from the site by the contractor at his own cost.

The architect shall have power to cause the contractors to purchase & use such material / s from any particular source / s as may in his opinion be necessary for the proper execution of the work.

6.2 WORKMANSHIP

All works shall be true to level, plumb & square & the corners, edges, etc. in all cases shall be unbroken & net. Distempering, POP / Painting / Polishing shall be provided in accordance with CPWD specifications 1977 & relevant standards as applicable to this work. Painting with plastic emulsion paint (if required) shall be as per CPWD specifications 1977 & IS 5411-1969. Paint shall be of approved manufacturer & brand.

All timber shall be treated with preservatives before delivery to site. While remaining in proper wrapping, timber shall be protected from extremes of temperature & direct sunlight. Timber shall be soft wood or hardwood as suitable for the purpose for which it is intended. It shall be seasoned, free of defects which would affect strength or usability & shall be flat, non-splitting & dressed on all sides. All glue, laminate, ply, board shall be as per relevant IS codes. Where ever teak is specified it shall be 1st. Class C.P. Teak. All aluminum work prelaminate particle board work & glass work will be as per the relevant IS codes & their latest amendments.

6.3 FINISH

Finishes shall be fully in accordance with the drawings & schedules and / or as per the directions of the architect.

6.4 SAMPLES

A sample of every item to be incorporated shall be submitted for approval of the architect before placing the order. Approved samples shall be used as standards of finish & workmanship.

**DETAIL SCHEDULE OF SPECIFICATIONS WITH QUANTITIES FOR
ELECTRICAL WORKS OF ASANSOL BRANCH FOR UCO BANK**

SL.NO	DESCRIPTION OF ITEMS	UNIT	QTY	RATE	AMOUNT
1	POINT WIRING i/c CIRCUIT WIRING				
a	Wiring for the following light / wall / fan/ exhaust fan, call bell points with 1.5 sqmm PVC insulated stranded Cu conductor wire in concealed / exposed medium grade ISI marked PVC conduits as called for in specification including providing 1 sqmm insulated Cu earth wire including cost of circuit wiring from DB to the point with 2x2.5 sqmm + 1x1.5 sqmm complete with providing and fixing of accessories like saddles, clamps, flexible pipes, dash fasteners etc. modular switches with face plates , switch boxes, grid plates are included in the above rate . The rate shall include the cost of circuit wiring .				
	1. Primary points	nos	15		
	2. Loop points	nos	9		
	3. Primary point (wall and exhaust fan controlled by 1 switch and one 5 Amp. socket)	nos	8		
	The above work includes extensions of points with flexible conduits as reqd. to table bottoms etc. as reqd				
b	Wiring for 5Amp light plug point with 2 x 2.5 sq mm + 1 x 1.5 sqmm PVC single core copper wire in PVC polythene pipe with galvanized iron junction & switch boxes & clip in type, 6 Amp modular type switches, 5Amp socket with all accessories, T&P & as directed by the Engineer-in-charge at counter/table. maximum 6 points per circuit , circuit shall not be paid extra.	nos	8		
c	Wiring of 15 Amp power sockets with switch on separate board with 2x4 sq mm + 1x1.5 sqmm) PVC single core copper wire in PVC/ Super polythene pipe with galvanized iron junction & switch boxes & clip in type 6 Amp modular type switches with all accessories, T&P & as directed by the Engineer-in-charge at counter/table. maximum 6 points per circuit , circuit shall not be paid extra.	nos	8		
d	Wiring of AC points with 20 Amp plug socket with switch on separate board with 2 x 6 sq mm + 1 x 2.5 sqmm PVC single core copper wire in PVC polythene pipe with galvanized iron junction & switch boxes & clip in type 20 Amp modular type switches with all accessories, including providing metal clad socket with SPMCB in sheet steel enclosure T&P & as directed by the Engineer-in-charge . 1 point per circuit ,circuit shall not be paid extra	nos	4		
e	Wiring for UPS power socket with 2 x 2.5sq mm + 1x1.5 sqmm PVC single core copper wire in PVC polythene pipe with galvanized iron junction & switch boxes & clip in type including 3 nos. 5 amp . sockets 1 no. 16 amp. switch. One indicator modular type with grid and face plates modular type.(maximum three stations per circuit .Circuit shall not be paid extra)	nos	7		
e	Concealed conduit wiring to call bell point with one gong bell of 6" dia placed at strategic point with 6 Amp switch bell push clip in type modular type fixed on G.I. boxes placed at skirting level for emergency use, the wiring details are as per Sr.no. - 01. The places as located in drawing & as per direction of Engineer-in-charge	set	1		

2	DISTRIBUTION BOARDS				
	Distribution boards: Design, manufacture, supply, of 1.6 mm th. Sheet steel fabricated surface / recessed mounted, vertical configuration , double door type, distribution boards (factory made with powder coating)				
A	DB for normal Lighting and Power				
	4 way TPN DB with				
	Incoming :				
	40A 4 Pole MCB				
	Outgoing :	nos	1		
	12 nos SPMCB				
B	DB for Airconditioning				
	4 way TPN DB for AC with				
	Incoming :				
	63A 4 Pole MCB				
	Outgoing :	nos	1		
	12 nos SPMCB				
C	DB for UPS Input				
	4 way TPN DB for AC with				
	Incoming :				
	40 A 4 Pole MCB ---1 no				
	Outgoing :	nos	1		
	60 A DP MCBs ----- 2 nos				
3	UPS Output				
	40A DP MCB in MS box (for UPS OUT PUT in UPS room)	Set	1		
4	UPS DB				
	Distribution boards 1 No. 60A 2 pole MCB isolator				
	Out going 10 No. 6/10 SP MCB s (for UPS distribution boards)	set	1		
5	SUB MAINS WIRING				
	Supply of all required materials and wiring to submains with following number and sizes of PVC insulated 1100 volt grade standard copper wire run inside pre-laid PVC conduit pipe of ISI mark as required and copper wire as earth continuity conductor and complete in all respect including making good to all damages caused and as per the direction of Consultant and Engineer-in-charge.				
a	4 x 6 sqmm + 1 x 2.5 sqmm Cu wire general (for Light and Power DB)	mts	55		
b	4 x 16 sqmm + 1 x 2.5 sqmm Cu wire general (for AC DB)	mts	65		
c	4 x 10 sqmm + 1 x 4 sqmm Cu wire general (for UPS supply)	mts	65		
d	2 x 6 sqmm + 1 x 2.5 sqmm Cu wire general (from UPS room to DB)	mts	20		
e	Supplying and laying 2 x 2.5 sqmm Cu. Wire in PVC conduit from panel to Sign board	mts	30		

6	EARTHING				
a	Providing and fixing of chemical earth electrode made out of 50mm dia class-B Asaha lock or equivalent 2m length with copper plate made out of 600 x 600 x 3.15 mm tinned copper plate along electrode with one number 40x5mm tinned copper strip grazed with the plate buried vertically with top edge of the plate at a depth of 1500 mm with arrangements for termination of copper strip of earth continuity conductor including cost of charcol, saltoreign soil, water pouring arrangements brick massionry encloser on top with R.C.C cover complete with labour and material as per direction of Engineer-in-charge as per IS:3043 1987 (for UPS)	set	1		
b	do as above with 600 mm x 600 mm x 6mm th. G.I plate) for MAIN PANEL)	set	1		
7	EARTH STRIPS / WIRES				
	Supply, installation, effecting proper connection , testing, and commisioning of the following size CU. / G.I earth strip / wire or in recess as reqd.				
a	25 mm x 3 mm copper earth strip	rmt	20		
b	10 sqmm insulated Cu. Earth wire in PVC conduit pipe (for UPS)	rmt	20		
c	25 mm x 3 mm G.I earth strip	rmt	25		
d	8 mm dia G.I earth wire	rmt	25		

8	Supply of all required materials and wiring to AC plug point with 2 x 6 sqmm+ 1x 2.5sqmm PVC insulated copper wire run inside screw type PVC conduit pipe with ISI mark laid on surfaced / recessed of wall / ceiling with PVC insulated copper wire as earth continuity conductor complete in all respect including with use of 2.0 TR AC starter, concealed metal boxes with cover, wire, 25A SPN metal clad plug socket, metallic switch box for plug, junction box etc complete with making good the damages caused as required and as per direction of Engineer in charge (for Branch)	nos	5		
9	FITTINGS AND FIXTURES				
a	Supply, installation and testing of recess LED lights fittings (40 Watt) of square type - 2' x 2' . with all accessories complete of Philips / Havells make as required as per direction of Engineer in charge	nos	8		
b	Supply, installation and testing of recess LED light fittings Nos. (10 watt) of round type -6" dia with all accessories complete of Philips /Crompton/ Wipro make as required as per direction of Engineer in charge	nos	10		
c	Supply, installation and testing of single tube lights T5 patty Nos fittings (36 watt) -LED type of surface mounting with all accessories complete of Philips/Crompton / Wipro make as required as per direction of Engineer in charge.	nos	8		
d	Providing and fitting of 450 mm sweep Wall mounted fan of approved make .	nos	6		
e	Providing and fitting of 1200 mm sweep ceiling fan of approved make .	nos	2		
f	Providing and fitting of 400 mm sweep cabin fan of approved make .	nos	3		
g	Providing and fitting of 400 mm sweep Exhaust fan of approved make .	nos	2		
h	Providing and fitting of call bell of approved make .	nos	1		
i	Providing and fitting LED Batten Light -2 ' length for cash counter--8W	nos	3		
j	Providing and fitting of modular fan regulator of approved make .	nos	2		
10	PHONE WIRING .				
a	Wiring for telephone points with 2 pair 4/5 pair 51mm dia ATC (annealed tinned Cu wire) with pvc insulated PVC sheathed telephone cable from tag block to the point including providing ferrules at both ends and termination at both ends including providing RJ 11 outlet , faceplate and mounting box, complete of modular type (where 2 such points are shown , 2 such wires to be provided).This work includes providing PVC conduits in chases from the raceway to the point .	nos	2		
b	Supplying, laying, effecting ,terminations, testing and commissioning of 0.51mm dia Cu conductor, twisted, colour coded with polythene capor barrier, telephone cables in the existing tray as reqd. from building tag block to the floor as reqd.				
b i	1x10 paired armoured cable for P&T connections	rmt	25		
b ii.	Supply and fixing 20 pair krone tag block with enclosure	nos	2		

11	MAIN PANEL BOARD				
a	Supply, delivery, installation , testing , commissioning , of L&T indoor wall floor mounted type distribution boards made out of 2 mm thk. CR sheet metal duely acid treated premised & painted with 2 coats of enamel paint compartment arrangement for each equipment & bus bar chamber on the top of the panel running horizontal through out its length duly lamp , vermin proof having provision cable by conduit entry , earthing stud as per specification mentioned below duly factory wired confirming to the relevant ISS & as per special condition of contract , making good the damages M.S. Cubical type Panel board should have hinged door at the front. The panel shall be provided with all accessories & following arrangements complete in all respect & direction of EIC (before fabrication of panel board drawing is to be approved by Engineer-in-charge).	set	1		
	Incoming-				
	160Amp TP MCCB --1 no				
	0-500V CTs --3 nos				
	3 nos. indication lamps with 3 fuses --1 set				
	200A 4P copper bus bar ---1 set				
	100A 4P copper bus bar ---1 set				
	125A - 4P MCCB for ATM --- 1 SET				
	125A -4P MCCB for AC --- 1 SET				
	1No 125A- HRC FSU.with rewirable fuse links for generator				
	Outgoing -				
	100A 4P COS --2nos				
	63A 4P MCB ---6 nos				
	63A DP MCB ---6 nos				
	Outgoing- 4 Nos 32A DP MCB for A.C				
	2Nos 63 A TPN MCB for A.T.M				
	2Nos 63 A DP MCB for U.P.S incomer and outgoing				
	2 Nos 40 A DP MCB for LDB/PDB 40A DP MCB Spare				
	2Nos 32 A DP MCB for Glow sign board(Branch + ATM)				
	1No. VAF Digital meter with CT.				
b	SWITCH NEAR METER				
	Providing and fixing 200Amp MCCB in 16 gauge sheet cubicle box. of L/T DH -200 25KA (near meter) completev with incoming and outgoing connections.	set	1		
12	TIMER (1 for Branch and 1 for ATM)				
	Supply & installation of Timer Box for Glow sign Supply comprising of the following :	set	2		
	2 no SP MCB				
	2 Nos 25A rated Contactor				
	2 no 24 Hours Timer				

13	Supply and erection of earth bus on wall (min. length 0.3 mtr.) on insulator with drilled holes on the bus with GI bolt , nut , washer etc for the following:-				
	With (25x3) mm CU flat	each	2		
14	Supply & installation of 2 nos. 32A DP Changeover switch to be fixed and complete with one no.60A rated copper Bus bar for changing supply from one UPS to another with all accessories.				
		set	2		
15	Marking of all DB's & Main switches' Change over and power outlet points	job	1		
16	<u>DISTRIBUTION CABLE</u>				
A	Supply & lay 1.1 KV grade PVCA AL cable on wall having MS /HDP pipe protection near floor level and clamping as required for the following:-				
a	35 Sq mm 4 core Al with 2 nos 10 SWG GI wire-MAIN CABLE	20	Mtr		
b	16 Sq mm 4 core Al with 2 nos 10 SWG GI wire ---CABLE for generator	40	Mtr		
d	2.5 sq mm 2 core CU for UPS Plate Earthing	25	Mtr		
e	2 nos. 35 sq. mm. CU flexible wire through GI flexible pipe complete with end termination with CU sockets. (Meter loop connection with Main SFU & Busbar)	10	Mtr		
B	Making end termination of 1.1 KV grade PVCA Al cable with supply of cable end box , brass Gland, CU crimping socket & jointing materials as required for the following:-				
a	35 Sq mm 4 core Al	2	Each		
b	16 Sq mm 4 core Al	4	Each		
17	At the end of the work to submit circuit diagram with with Electrical Audit report to be signed by an by an electrical engineer having valid registration no.	L.S	L.S		
18	COMPUTER LAN				
a	Supply,installaation of rigid PVC conduit accessories bent flexible conduit etc and fixing by PVC bar saddle on wall or wooden surface	55	mt		
b	Supply ,installation of UTP cable in prelaidd PVC conduit	55	mt		
c	Supply,installation of UTP cable patch chord 2 mts. Long including termination and socketing	8	Each		
d	Supply and fixing of RJ-45 UTP formation outlet -Cat-5e (1 module) with front cover plastic /flush metal box on surface of wall	8	Each		

e	Supply and fixing of 24 port D-Link make 10/100mbps switch and front plate with cover flush metal box on surface of wall				
		1	each		
f	Supply and installation of Cat-5-24 port patch panel	1	each		
g	Supply and installation of 9U Metal rack HCL	1	each		
h	Supply and installation of UTP cable patch chord 1 mt	8	Each		
	including terminating and socketing Digi Link				
			TOTAL		
	GST EXTRA AS PER GOVT. NORMS ----- 12%				

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