



INDIAN BANK

**BARASAT ZONAL OFFICE
54 KNC ROAD, BARASAT
KOLKATA 700124
WEST BENGAL**

**TENDER DOCUMENTS
FOR
INTERIOR FURNISHING WORKS (COMPOSITE), INVOLVING FURNISHING, CARPENTRY,
ELECTRICAL, LAN CABLING & OTHER MISC. WORKS
OF
GOPALPUR BRANCH**

Kalpangan Consultants Pvt Ltd- Architects & Engineers
8A, Harish Mukherjee Road
Flat 4A, Kolkata 700020
PH- 033-40035883/ 9820162952



INDIAN BANK
(A Govt. of India Enterprise)

NOTICE OF INVITATION TO TENDER

Sealed Tenders are invited on behalf of **Indian Bank, BARASAT Zonal Office, 54 KNC Road, Barasat Kolkata 700124** from registered contractors having adequate experience to execute Composite Work which includes Carpentry work, Electrical work, LAN Cabling & Networking work and other associated works, under 2 Bid System i.e- **Technical Bid (Cover-I) & Commercial Bid (Cover-II)** meeting the under noted Pre-qualification criteria for carrying out the above work in accordance with the Bank's General Conditions of Contract, Special Terms & Conditions of Contract & Particular Terms & Conditions of Contract, Standard specifications, Extent of Work, Special Instructions to Bidders as appended on the subsequent page & Annexures.

The tender documents for the above works can be downloaded from our website www.indianbank.co.in.

Clarification, if any to be obtained from: M/s. **Kalpangan Consultants Pvt. Ltd.** - Architects & Engineers, Branch office: 8A, Harish Mukherjee Road, Flat 4A, Kolkata 700020 (Mobile; 9820162952)

- a) Name of work : Furnishing, Carpentry, Electrical, Lan-Cabling and other Allied Works At Indian Bank, Gopalpur Branch, West Bengal
- b) Time of Completion : 30 Days
- c) Earnest Money : Rs 12000.00 (Rupees Twelve Thousand Only)
by crossed Demand Draft/ Pay Order payable at Kolkata and drawn in favour of "**Indian Bank**".
- d) Cost of tender Documents : Rs 1180 (Rupees One Thousand One Hundred and Eighty Only)
Including GST, per set of tender Document.

Bidders shall make a note that as per guidelines issued by the Govt of India, all units registered under MSME are exempted from paying Application Fee & Earnest Money Deposit for Government/PSU tenders. All such Bidders who are registered as MSME units, are hence exempted from paying application fee & Earnest Money. In case any offerer claims exemption from paying such fees, he/she shall mandatorily submit certificate issued by competent authority for such exemption along with application in ENVELOPE 1. Any application submitted without prescribed fees as well as exemption certificate, shall be summarily rejected. No consideration for same shall be entertained at the time of opening the bids.

- e) Retention money : 10% of total certified bill amount
- d) Release of Retention : Retention money will be released after 1 (One) year from the date of payment of the final bill after adjusting all dues if any from the contractor
- e) Availability of Tender Document: Dy. Zonal Manager
Indian Bank,
Barasat Zonal Office
54 KNC Road, Barasat
Kolkata 700124, West Bengal



- f) Issue of Tender Document : From **01.12.2022 to 15.12.2022** Between **10.00 hrs to 12:00 hrs** , except Sunday and holidays.
- g) Date of Commencement : Either one week from the date of acceptance Letter of work order or the day on which contractor is instructed to take possession of the site, whichever is later.
- h) Time and date of Submission of tender : **Upto 14:00 Hrs on 15.12. 2022**
- i) Time and date of Opening of tender: **At 16:00 Hrs. on 15.12.2022**
- j) Venue of Opening Tenders : **INDIAN BANK
Barasat Zonal Office
54 KNC Road, Barasat, North 24 Parganas
Kolkata 700124, West Bengal**
- k) Tender to be addressed and submitted to : **INDIAN BANK
Barasat Zonal Office
54 KNC Road, Barasat, North 24 Parganas
Kolkata 700124, West Bengal**
- l) Clarification, if any to be obtained from : M/s. KALPANGAN CONSULTANTS PVT. LTD.
Branch off: 8A, HARISH MUKHERJEE ROAD
KOLKATA 700020, FLAT 4A
Mobile -9830162952
- m) Validity of Tenders : 6 (Six) calendar months from the last date of submission of Tender
- n) Defects liability period : 12 (twelve) months from the date of payment of the final bill
- o) Taxes : GST at applicable rate shall be paid as extra.
- p) Delay in submission: Delay in submission of any part arising due to postal or any other irregularities at any stage will not be considered. The Bank will not be responsible for any damage in transit in case of postal delivery / delivery through courier service.
- q) All tenders in whom any of the prescribed conditions are not fulfilled or are incomplete in any respect are liable to be rejected.
- r) The acceptance of tender will rest with Indian Bank which does not bind itself to accept the lowest or any tender and reserves to itself the right to reject any or all the tenders received without assigning any reason/s thereof.
- s) In case the date of opening of tenders is declared as a holiday, the tenders will be opened on the next working day.
- t) Conditional Tenders will be summarily rejected.

Defects liability period shall be as per memorandum. It must be realized that this period is for exposure of “Latent Defects”. The DLP commences from the date of payment of the final bill for a period of 12 months.



After opening the envelope containing the offer on the standardized conditions and opening of the priced tender, no correspondence will be entertained.

Prior to opening of Financial Bid, Indian Bank/ Deputed Architect, at their discretion may inspect the on - going/completed works of the Contractors as well as obtain confidential report from the concerned employers. The bids of tenders who do not fulfill the above criteria will summarily be rejected. The Bank also reserves to itself the right of accepting the whole or any Part of the tender and the tenderers shall be bound to perform the same at the rates quoted.

- a) Pre-Qualification Criteria : The firms having experience of successfully completed Composite nature of work comprising of Civil & Carpentry work, painting work, Furniture work, Electrical& LAN work, during the last 5 years ending on 31st March, 2022
1. 3 (three) “similar completed works” costing not less than the amount equal to 40% of the estimated cost i.e. Rs.4.60 Lakhs

OR

2. 2 (two) “similar completed works” costing not less than the amount equal to 50% of the estimated cost i.e. Rs.5.78 Lakh

OR

3. 1 (one) “similar completed work” costing not less than the amount equal to 80% of the estimated cost i.e. Rs.9.25 Lakhs

Minimum average turnover should be equal to the 100% Total Estimated Cost (Rs. 11.56 Lakhs) during the last 3 years, testimonials to be submitted along with tender in Cover — I.

The bidding firm should have a registered office in West Bengal.

The Tenderer should have at least min. 05 years’ experience of working with nature of works as briefly mentioned below:

- a. Civil Interior Works: [1] New partition walls made of wooden, aluminum, gypsum board, bison board [2] False ceiling, acoustic paneling work [3] Center table, loose furniture [4] Door closer, louver window work, floor spring works [5] All types of anti-termite and pest control treatment works
 - b. Internal Electrical works: [1] Installation, testing, commissioning of all electrical low tension [LT] works [2] Electrical control panel, wiring, conducting, trunking. [3] Installation of fitting and fixture, chandelier, switches, MCB’s [4] Maintenance and repair of earthing system and lightning arrestors. Works for office premises, board rooms, auditoriums, hotels, resorts etc.
- u) The Bidder / Tenderer who are registered with any Institution, Public Sector and Corporate Sector and having experience of executing above types of works under a single contract may apply with detailed certificates / credentials to Zonal Manager, Indian Bank, Barasat Zonal Office, 54, KNC Road, Kolkata 700124, West Bengal.

“Similar completed works” mean Composite nature of work comprising of Civil & Carpentry work, Painting work, Furniture work, Electrical & LAN work and other associated works.



Submission of Tender:

Bidders are required to submit their bids in the **three envelope system** as detailed under.

Technical Bid- Tender Cost, EMD , Tender Documents & Eligibility Documents – Marked Envelope-1

Technical Bid (Envelope-1) shall contain Tender Cost of Rs 1180 (Rupees One Thousand One Hundred and Eighty Only) (including GST), in the form of Demand Draft which shall be non-refundable , Earnest Money Deposit in the form of Crossed Demand Draft of Rs 12,000.00 (Rupees Twelve Thousand Only) in favor of Indian Bank payable at Kolkata which will be refunded to unsuccessful bidders on completion of tender process & technical bid (one set of duly signed tender document except commercial bid). Each page and correction duly signed by Bidders including tender form duly filled in with complete details and descriptions. Bidder shall submit supporting documents in support of eligibility criteria as mentioned in tender documents. This envelope shall be super scribed “**Technical Bid (Envelope-1) for Furnishing Carpentry, Electrical, Lan Cabling and other Allied Works At Indian Bank, Gopalpur Branch, West Bengal.**”

Financial Bid – Bill of Quantities (BOQ)- marked Envelope-2

Bill of quantity (BOQ), all filled up with rate and amount as per the provided quantities. This envelope shall be super scribed “**Financial Bid (Envelope-2) - Carpentry, Electrical, LAN Cabling and other Allied Works At Indian Bank, Gopalpur Branch, West Bengal.**”

Both Envelope No. 1 and Envelope No. 2 shall put in **Envelope No. 3** super scribed “**Envelope No. 3 – Cover -1– Carpentry, Electrical, Lan Cabling and other Allied Works At Indian Bank, Gopalpur Branch, West Bengal.**”

The contractor should also submit self-attested copies of following documents in the Technical Bid i.e. Envelope - 1:

- PAN No.
- ESI & EPF Registration, if applicable
- GST Registration No.
- Audited Balance sheet & ITR for the preceding last 3 financial years (2020-21, 2021-22 & 2022-23) along with Profit & Loss statement
- Letter of submission for tender
- Supporting documents as per Eligibility Criteria
- List of similar work completed in last 5 years with details enclosing completion certificate from the clients the clients along with the names of two responsible clients/ persons with address & telephone number who will be in position to certify about quality as well as past performance of your organization.
- List of Govt./ Quasi-Govt. Dept. and other organizations of repute with whom the company is empanelled/ working.
- Power of attorney/ board resolution in favour of authorized person signing the Bid documents, if applicable.
- Banker’s Certificate for credit worthiness.
- Company’s profile on the letter head bearing full address and it must contain the above details along with self-attested proof of all the documents
- Certificate of Incorporation & Partnership Deed, if applicable



- v) Sealed tenders as above will be received by the office of **Zonal Manager, Indian Bank, Barasat Zonal Office, 54, KNC Road, Kolkata 700124, West Bengal.** up to **14.00 hours on 15.12.2022** and Envelope no.1 (Technical Bid) will be opened on **15.12.2022 at 16.00 Hrs.**

Tenders received late on account of any reason whatsoever and telegraphic tenders will not be entertained.

The tender not accompanied by the Earnest Money & Tender Cost deposited by Demand Draft are liable to be rejected as NON- RESPONSIVE.

The Tender shall be valid for a period of not less than 90 days after the date of opening of Commercial Bid (online).

The Bank reserves the right to accept/reject any or all the offers submitted in response to this advertisement without assigning any reason whatsoever.

The Bank will not be bound to accept the lowest tender and reserves the right to accept or reject any or all the tenders without assigning any reasons whatsoever. It shall be mandatory to sign the integrity pact by the bidder failing which bidder will stand disqualified for tendering process and their bid shall be rejected summarily.

Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil, the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and not extra charges consequent on any misunderstanding or otherwise shall be allowed. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done, site details and local conditions and other factors bearing on the execution of the work.

The tenderer shall be responsible for arranging and maintaining at his own cost all materials, labour, tools and plants, water, electricity, access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents.

Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.

Zonal Manager
Indian Bank
Barasat Zonal Office
54 KNC Road, Barasat, North 24 Parganas
Kolkata 700124, West Bengal

TERMS AND CONDITIONS

a) As far as possible corrections in the tender documents to be avoided. However in case of any corrections, the same should be authenticated by the person who is signing the Tender. Over writing on the tender document is not permitted.

b) The Tender should be forwarded in the official letter head of the tenderer.

4. The complete Tender documents (duly signed tender conditions, specification, priced bill of quantities etc.) should be addressed to “ **Zonal Manager, Indian Bank, Barasat Zonal Office, 54, KNC Road, Kolkata 700124, West Bengal.**” and reach the office on or before date fixed and notified in the tender document as mentioned in the cover page.

5. The Tenders will not be received after the due date and the time fixed. However, if the **Indian Bank, Barasat Zonal Office** desires to extend the time limit, it can do so by informing all the tenderers either before the due date and time fixed for submission or after the due date and time.

6. In case the due date for submission / opening of the tender is declared as a public holiday in the State, (where the tender document is to be submitted), the time limit will be automatically changed to the next working day at the same time.

7. In case, the tenderer does not wish to quote for the work, the same should be informed to “ **Zonal Manager, Indian Bank, Barasat Zonal Office, 54, KNC Road, Kolkata 700124, West Bengal.**” over letter / fax addressed to The Zonal Manager on or before the due date of submission of the Tender. The blank Tender also must be returned to the : “Zonal Manager, Indian Bank, Barasat Zonal Office, 54, KNC Road, Kolkata 700124, West Bengal.” The technical specification, design and all other contents of the tender documents are patented and the same should not be reproduced without the prior permission of the Indian Bank, Barasat Zonal Office.

8. The **Indian Bank, Barasat Zonal Office** will take no responsibility for delay or loss or non-receipt of tenders after dispatch, by the tenderer.

9. The tenderers are advised to hand over the duly filled tender directly to the office of “**Zonal Manager, Indian Bank, Barasat Zonal Office, 54, KNC Road, Kolkata 700124, West Bengal.**” or ensure that the tender reaches the office before the due date fixed for submission of the tender.

10. The tenderers are requested to inspect the site of work and acquaint about the site conditions and rules and regulations before quoting the rates. For this, the officials of Bank may be contacted to make the arrangements.

11. The rate quoted should be inclusive of the cost of materials, labour, transportation, loading, unloading, installation, however GST on works contract shall be paid additionally as per the applicable rates.

12. The tender should be submitted strictly as per the terms & conditions spelt out in the tender notice. The tenderer should not make any alteration in the terms & conditions, drawings, specifications etc. In case of any alteration the tender may be considered as invalid/void.

13. Incomplete tenders are liable to be rejected.



B. Opening of the Tender:

1. The sealed tenders will be opened in the presence of the authorized official of the Consultant Architect/ Officers from **Barasat Zonal Office** on the day and time as specified on the cover page no.1.
2. Intending tenderers who wish to be present at the time of opening of tenders may be present at the office address as mentioned in cover page no. 1, on the day fixed for opening of the tender.

C. Acceptance of the tender:

1. The rates quoted by the contractors should be valid as specified in the cover page no 1.
2. **Barasat Zonal Office** / Architect reserves the right to accept / reject summarily any / all tenders in whole or part thereof without assigning any reason whatsoever and also do not bind it to accept the lowest or any other tender.
3. It will be open to **Barasat Zonal Office** / Architect to negotiate the terms including the rates quoted with the lowest tenderer. The negotiated price by **Barasat Zonal Office** / Architect will be the contract value and work order will be placed for the said amount.
4. The tenders for the work shall remain for acceptance for a period as specified on the cover page or the period that may be extended by mutual agreement and the tenderers shall not cancel / withdraw the tenders during that period.
5. Each tenderer must submit the Tender Fees alongwith the Earnest Money Deposit as mentioned on the cover page (page no.1 of the tender in the form of a **Demand Draft/ pay order only** in favor “**Indian Bank**”, payable at **Kolkata**, drawn on any Nationalized bank. **No tender will be accepted without Tender Fee and EMD.** The EMD will not carry any interest. In case of failure on the part of the contractor for commencement of work / delay in execution of the project, the said amount will be forfeited.

Offerors shall make a note that as per guidelines issued by the Govt of India, all units registered under MSME are exempted from paying Application Fee & Earnest Money Deposit for Government/PSU tenders. All such offerors who are registered as MSME units, are hence exempted from paying application fee & Earnest Money. In case any offerer claims exemption from paying such fees, he/she shall mandatorily submit certificate issued by competent authority for such exemption along with application along with the Tender. Any application submitted without prescribed fees as well as exemption certificate, shall be summarily rejected. No consideration for same shall be entertained at the time of opening the bids.

6. The Earnest Money will be returned to the unsuccessful tenderer after the intimation of rejection of the tender is sent. The Earnest Money will be retained in the case of the successful tenderer and will get converted as a part of Security Deposit for the due performance of the contract.

7. Earnest Money Deposit will be forfeited, if the contractor:

- a. Revokes the tender or increases the earlier quoted rates within the validity period.
- b. Refuse, delay to sign and execute the contract after tender is accepted.



c. Does not commence the work within the time specified in the letter of intent/work order or 7 days from the issue of such letter, whichever is later.

8. The tenders will be rejected;

a. If the contractor does not quote any of the item / sub-item in the tender
b. If the contractors makes any correction in the rate while quoting, not countersigned and duly stamped for the correction of that particular item of work.

9. The tenders which does not fulfill any of the prescribed conditions will not be accepted.

10. Canvassing in connection with the tender is strictly prohibited.

D. Execution of Work :

1. The work should commence *within the period specified on the cover page i.e. 7 days* from the date of the receipt of work order or the date that may be indicated in the work order. Accordingly, date of commencement of the work will be reckoned from the day as specified in the cover page.

2. The *work should be completed as specified on the cover page calculated* from the date of commencement of the work/Date of issue of Work Order or within the time limit that may be indicated in the work order.

3. Time allowed for execution of work, as specified in tender, shall be the essence of the contract, However the tenderer shall plan the execution of the said work and it needs to be carried out without disturbing the running of the office or as per the client's instructions strictly within the schedule Time as specified in the Tender.

4. If the tenderer commits default in commencing the work, as required by the work order and found that the date stipulated cannot be adhered to, **Barasat Zonal Office** / Architect shall be entitled without prejudice to any other rights or remedies available and/or may terminate / rescind the contract.

5. If the tenderer fails to carry out the work within the stipulated time mentioned in the work order, the **Barasat Zonal Office** / Architect will have liberty *to impose penalty @ 2% of the certified final bill per week* of delay subject to an overall limit of 10%, without prejudice to other remedies available. The tenderer has to pay to **Barasat Zonal Office** / Architect such amount that may fall short over the amount due to them, if any.

6. However, if **Barasat Zonal Office** / Architect is convinced that the delay in execution of the work is beyond the circumstances created by the tenderer, it may award extension of the same to the extent it feels justified based on the request of the tenderer. In such case liquidated damages will be levied for the balance period, if any as provided as per the condition of the tender.

7. If the tenderer fails to commence the work within the days i.e 7days as specified on the cover page from the date of receipt of intimation for commencement of the work and / or the contractor fails to show progress in execution of work and **Barasat Zonal Office** / Architect feels the work cannot be completed within the stipulated time, **Barasat Zonal Office** / Architect will have the right to terminate the contract by **giving Two days notice** to the contractor, at the full discretion of **Barasat Zonal Office** / Architect and the decision of **Barasat Zonal Office** / Architect will be final and binding. In case of termination of the contract, the payment if any, due to the contractor will be released only on completion of the entire project. The amount that may be spent for completion of the balance work will be recovered from the contractor. It

will be the full discretion of **Barasat Zonal Office** / Architect to carry out the balance work through any agency at any rate as per the specification.

8. All the **materials and workmanship** shall be of the kind described in the schedule of quantities / specifications and in accordance with relevant BIS codes and as per directions of the Engineer-in-charge.

9. The tenderers shall submit photocopies / originals of vouchers / challans etc., for verification of actual purchases of any material, if so, desired by the Engineer-in-charge.

10. The tenderer shall have to carry out testing of all materials brought on site at their own cost in any institute / laboratory / site of works as desired by the Engineer-in-charge. No extra claim will be entertained for such testing of materials.

11. The tenderer shall not at any time do, cause or permit any nuisance on the site/ do anything which shall cause unnecessary disturbances or inconvenience to the occupants / visitors at site or near the site of work.

12. The quantities indicated in the bill of quantities are approximate and the quantities may vary as per the site conditions / requirements. The rate quoted should be firm for the deviated quantities of work also.

13. The tenderer's workers will not be allowed to stay at the work site.

14. The tenderer or his workers can use the common facilities such as water, electricity etc., provided at the premises. However, it should be ensured that the same should be kept in hygienic condition.

15. Water and Electricity as per the availability at site can be made use of by the contractor. If not available the contractor has to arrange it on his own. However, the actual consumptions of water and electricity should be payable by the contractor only. Failure to pay the electricity and water charges will be deducted from the bill of contractor.

16. In case of any damage to the existing structure, the tenderer should rectify the same free of cost up to the satisfaction of the Engineer-in Charge.

17. **Barasat Zonal Office** / Architect will have the liberty to modify the design to a reasonable limit. No extra charges will be paid for execution after such modification.

18. The tenderer should protect the work till its completion and handing over against any possible damage, theft, scratches, etc.

19. The tenderer has to make arrangements for cleaning the work site every day and on completion of the work from the work area at his cost.

20. The tenderer should provide samples of the materials for approval of **Barasat Zonal Office** / Architect and the samples will be kept in the custody of the Engineer-in-charge.

21. Wherever possible the work has to be carried out at the factory of the contractor and the items to be transported to the site.

22. The tenderer should make necessary arrangement for inspection of the items made at his factory / work place by the Engineer-in-charge. The tenderer should complete fabrication and other works at factory and only assembling work and the finishing may be carried out at the site.

23. The tenderer should abide by the rules and regulations for the premises especially on the working hours, entry to the workers to the premises, interpersonal relation with the staff members and other agencies engaged at the site.
24. The tenderer should make necessary arrangement for covering of all the furniture items/ records, if any of the client with cover / cloth during the course of work.
25. **The tenderer should arrange a qualified technical supervisor at site during the course of the entire work.** The tenderer should not change the supervisor till completion of the work or the contractor should arrange the alternative supervisor at site on the basis of the site requirement. The supervisor should be available at site when the work is in progress.
26. Any damage / loss to **Barasat Zonal Office** / Architect will be rectified at the cost & risk of the contractor.
27. The workmanship should be of high quality / standard and the decision of the Engineer-incharge / Consultant shall be final in this regard.
28. The tenderer should not apply primer / putty work / paint or any other finishing material before inspection and certification of the wood work by the Engineer – in – Charge.
29. The tenderer should not engage any person prohibited by the law for execution of the job.
30. The tenderer should carry out the work strictly as per the specification and as directed by the Engineer-in- Charge.
31. All the materials proposed to be used should have the approval of **Barasat Zonal Office** / Architect .
32. The materials required for the work **should be purchased only from the manufacturers directly or from the approved dealers.** Confirmation for the same may be submitted if so desired by the Engineer-In-Charge.
33. The tenderer should strictly follow the approved colour scheme. The colour scheme will be intimated to the contractor within a week from the date of issue of the work order. However **Barasat Zonal Office** / Architect has the liberty to make any other modifications as per requirements.
34. The tenderer shall ensure that the dismantled material / debris are removed from the site daily and transported out to the place as designated by the Municipal Corporation at his own cost.
35. The tenderer shall ensure make his own arrangement for storage of materials. **Barasat Zonal Office** / Architect or the client may provide some space subject to availability (uncovered) within the premises for storage purpose. Materials only as per requirement are to be stored at site. Security for the material lying at site will be arranged by the contractor.
36. Any damage / loss will be rectified at the cost & risk of the tenderer.
37. The tenderer has to maintain a book for instructions from the Engineer-in-charge.

38. The work needs to be carried out as per the instruction of the **Barasat Zonal Office / Architect** and completed within the stipulated time period. It is the responsibility of the tenderer to take all kinds of security and safety measures of all the existing office furniture, equipment and valuables at site during the execution of the work. During the execution, in case of any damage to the existing furniture, office equipment etc. It is the responsibility of the contractor to repair/ rectify the same, failing which the cost shall be recovered from the contractor's bill.

39. If required, the entire furniture, office equipment and other accessories shall be strictly covered with plastic sheets etc. to avoid any damages, all the furniture shall be cleaned and workable by the contractor before the start of office every day and one supervisor with required labour shall be made available with the office to attend complaints, if any from the concern official.

40. It is the responsibility of the contractor to get the confirmation certificate from the client after virtual completion of the work. The work will be considered as virtually completed only when the tenderer completes the entire work as per the specification and after joint inspection of work by the Engineer-in-charge and contractor.

41. All the electrification work shall be carried out by a licensed electrician under the supervision of the contractor. After completion of the work, the tenderer/contractor shall submit the test certificate for the electrical work carried out by them.

42. It is the responsibility of the contractor to take all the necessary permissions from the Local Municipal Corporation and other Government agencies/authorities to carry out the contract work.

43. No advance will be paid.

44. The entire interior work shall be guaranteed to be free from manufacturing defects, defective workmanship or materials and any defects that may appear within 6 months from the date of issue of completion certificate which in the opinion of the Bank/Consultants have arisen from bad manufacturing, workmanship or materials, shall upon intimation be made good by the Contractor at his own cost within the time specified. During the said period of 6 months the Contractor shall without any extra cost, carry out all routine and special maintenance of the Interior and attend to difficulties and defects that may arise. The Tenderer / Contractors shall associate with him during the execution and free service period, the operation and maintenance staff of the Bank.

45. Contractors shall insure whole work against fire, PICT and third party.

E. BILLS & PAYMENTS TERMS AND CONDITIONS

1(a).The billing is to be done in the name of the “ **Zonal Manager, Indian Bank Zonal office, Barasat**”. As specified on cover page (page no. 1) of the tender.

1(b) **The Contractor has to submit the bill strictly as per the format of the specifications as mentioned on the bill of quantities in the tender document along with the Electric Audit Report done by License Electrical Supervisor (Govt Regd).**

NOTE : It is the responsibility of the contractor to take the no objection certificate / no defects certificate from the concerned client on completion of the Defect Liability Period. Barasat Zonal Office / Architect would not be responsible for the certificate.



In case the no defect certificate / no objection certificate is not taken by the contractor, then the defect liability period will increase till the said no defect certificate / no objection certificate is obtained by the contractor from the concerned Branch Manager.

2. Income Tax, GST and / or any other Statutory deductions as per the prevailing rules at the time of execution will be deducted from the payable amount for which certificate will be issued in favour of the tenderer.

3. Tenderer will not be entitled to any interest on Retention Money or Security Deposit or any Running account bill money for the time such money will remain with the Client.

4. The items of works as well as the approximate quantities against these items as given in the schedule of ***quantities and the same should not be considered precise quantity of works to be carried out.*** The tenderer shall be paid on the basis of the actual quantity of completed work as per the provisions of the contract and as per the specifications.

5. It is possible that certain extra items of work may come up during the course of work. The payment for such items will be made based on Engineering/Market rate analysis. A component of 15% on the cost of material (actual purchase cost / market price without any wastage) and labour will be considered as tenderers profit and other overheads.

6. The Tax invoice and the abstract of the bill should be submitted strictly as per the approved format of **Barasat Zonal Office / Architect.**

7. The bill should be attached with all necessary measurements, sketches, joint measurements (if any).

F. Escalation :

1. **No escalation** in rate shall be paid for the works carried out.

2. No claim on account of fluctuation of rates of material and labour will be entertained during the course of work – (from the date of acceptance of the Tender till issue of completion certificate).

G. Defect Liability Period :

1. Defect Liability Period as per the terms of the contract is **12 months** from the date of payment of the final bill. The contractor has to satisfactorily carry out all the works and attended to all defects in accordance with the conditions of the contract, including site clearance.

2. The **Retention Money** will be refunded only after the defect liability period of **12 months** and Rectification of the defects occurred whether pointed out in writing or not. It will be the duty of the contractor to inspect the site for defects and rectify the defects within the defect liability period.

3. During the course of Defect Liability Period the tenderer has to rectify all the defects,

4. In case the tenderer fails to attend the rectification work within 7 days of reporting the same in writing, **Barasat Zonal Office / Architect** will have the liberty to carry out the said work through some other contractor at the cost & risk of the tenderer. Such expenditure incurred to the client will be recovered from the Security Deposit. In case any expenditure incurred is more than the Security Deposit, the tenderer should pay the difference that may fall short.

5. While carrying out the rectification work, the tenderer should ensure that the surroundings should be protected against any possible damage. In case of any damage, the same should be made good by the tenderer.

H. Statutory obligations to be followed:

1. The tenderer should ensure adherence of all statutory requirements under the State and Central Rules in force and other local bodies for smooth and timely completion without any additional cost.
2. The tenderer shall comply with the provisions of all the rules and regulation in respect of labours engaged at site (such as Contract Labour {Regulation & Abolition} Act, 1970, Minimum Wages Act, Apprentice Act and all other labour laws as may be enforced from time to time by the Government Authorities) for execution of work, procurement of material for completion of the entire project **Barasat Zonal Office** / Architect shall not be held responsible for any penalty on failure to comply with any of the labour regulations or legal requirements or failure of any compliance of any rule in force.
3. The tenderer shall strictly comply with the provision of GST, etc. All the duties / taxes with respect to the work should be borne and paid by the tenderer himself **Barasat Zonal Office** shall not be responsible for any payment/ penalty on this account at any stage.
4. In case any goods are manufactured at the tenderers office / site, the tenderer has to pay applicable taxes and he has to produce Tax Invoice Copy for removal of goods from the manufacturing site. In case the goods are manufactured or produced at the site then Excise. Invoice showing that the Tax has been paid should be submitted to **Barasat Zonal Office**.
5. The tenderer should submit a statement confirming that all duties / taxes of every nature covered under the contract have been paid and the tenderer shall indemnify the **Barasat Zonal Office** and the Architect against all claims in that behalf.
6. The tenderer should ensure adherence of all the requirements and statutes under the State and Central Rules in force.
7. The tenderers should submit an affidavit / Declaration for payment of Taxes as per the enclosed format.
8. The tenderer should also submit when required, a copy of the declaration filed with the GST for the last financial year.

I. Responsibilities of the tenderer

1. The tenderer should enter into an agreement as per the articles of agreement on stamp paper attached with this notice within 7 days of issue of acceptance of the tender.
2. The tenderer shall not sublet the work without written approval from **Barasat Zonal Office** / Architect.
3. The tenderer should co-ordinate with all the other contractors for execution of the project.
4. The tenderer should set out the layout at site before commencement of work and obtain approval for the same from **Barasat Zonal Office** / Architect .

5. The contractor should arrange for sufficient light & power point required for entire project at his cost.
6. The tenderer should clear the site within 7 days of virtual completion of work of all material not paid for. The work will be considered as virtually completed only when the tenderer completes the entire work as per the specification and after joint inspection of work by the Engineer-in-charge and tenderer.
7. The tenderer should submit the schedule and bar chart of work before commencement of the work within 7 days of receipt of work order.
8. The tenderer should take adequate precaution against fire hazard at site. The tenderer should ensure that all fire safety measures are taken during execution and that the work carried out is as per the fire safety norms of the local Fire office.
9. The tenderer should arrange scaffoldings / ladders for proper execution of work, and shall also ensure safety of the workers as per the relevant provisions of the law.
10. The tenderer should submit rate analysis for the extra/deviated items of work before commencement of the work.
11. The tenderer should submit samples of the material proposed to be used for the approval of **Barasat Zonal Office / Architect** .
12. The tenderer should prepare mock-up of the items for the approval of the **Barasat Zonal Office / Architect** and as per the advice of **Barasat Zonal Office / Architect**, the contractor has to modify the mock-up samples till it meets with the approval of the **Barasat Zonal Office / Architect**. The expenditure that may be incurred for making the mock-up samples should be included in the respective items of work.
13. In case the tenderer is a partnership firm, any change in the constitution of the firm shall take place only with the prior approval of **Barasat Zonal Office / Architect** during the contract period.
14. The tenderer should submit shop drawings for all the items for the approval of **Barasat Zonal Office / Architect** before execution of each item of work.



INDIAN BANK, BARASAT ZONAL OFFICE, KOLKATA 700124

SUMMARY	
Time of Completion	30 days from the date of commencement of work
Date of Commencement of work	Within 7 days from the date of issue of work order.
Liquidated damages	2 % of the total final certified value per week subject to the maximum of 10 % of the final certified value.
Validity of the offer	180 days from the date of opening the tender.
Security Deposit (Retention money)	10 % of total value of work done.
Defects Liability Period	12 (Twelve) months from the date of final payment of the bill.
Terms of Payment	1.No advance 2.RA bill / Interim Payment can be paid to the contractor after receiving the recommendation from the Consultant 3. Final Bill settlement within 30 days from the date of proper submission of all required documents and joint verification of measurements at site.
Deductions	1. Income Tax at source as per Income Tax Rules , GST TDS as applicable. 2. Any other Levy/Cess/Tax to be deducted at source by law.
Extra / Additional work	Cost of material and labor plus 15% extra towards overheads and profit

I / We hereby agree and accept the above terms and conditions.

(Seal) Signature of the Tenderer

For (Name and address of the Contractor)

For (Name of the Contractor and Designation)



Annexure-I

(On Rs.100/- non-judicial stamp paper by the successful bidder)

From : The Contractor

To : **Indian Bank,
Barasat Zonal Office
54, KNC ROAD
West Bengal.**

Dear Sirs,

We refer to the tender dated _____ for _____ at the premises mentioned on cover page (page no.1) of the tender. We hereby confirm that we have complied with all formalities in the performance of our Contract for the supply of goods and services under all statutes governing the same, Central, State or Local. We further confirm that we have paid all taxes and duties including sales tax and excise duty in respect of the goods and services supplied to you and undertake to be responsible for the same.

We agree to indemnify and keep you indemnified against any claim or demand and all loss, costs, charges and expenses incurred or suffered by you as a result of any claim being made by any person in respect of our obligation under the said tender for payment of taxes, duties or otherwise.

Yours truly,

Date : _____

**SIGNATURE OF CONTRACTOR
WITH RUBBER STAMP**



Annexure – II

(On Rs.100/- non-judicial stamp paper by the successful bidder)

From : The Contractor

**To : Indian Bank,
Barasat Zonal Office
3, KNC ROAD
West Bengal.**

Dear Sirs,

We / I refer to the tender / contract dated _____ for supply of goods and services at the premises mentioned on cover page (page no.1) of the tender. We / I advise that, we / I are / am covered under the exemption limit prescribed by the Central Excise Act 1944 and no Excise is payable by us / me on the goods and services supplied to you. We / I further confirm that we / I have complied with all the formalities in the performance of our contract for the supply of goods and services and under all statutes governing the same, Central, State or local.

We / I undertake that if any taxes and duties including sale tax and Excise duty in respect of goods and services supplied to you by us / me is payable, the responsibility of paying the same shall be our / mine.

We / I agree to Indemnify and keep you Indemnified against any claim or demand and all loss, cost, charges and expenses incurred and suffered by you as a result of any claim being made by any person in respect of our / my obligation under the said tender / contract for payment of taxes, duties or otherwise.

Yours truly,

Date : _____

**SIGNATURE OF TENDERER
WITH RUBBER STAMP**

SECTION – 4

1 AGREEMENT

This agreement made at _____ day of _____, between **Indian Bank, Zonal Office, Barasat** having its registered office at **54 KNC Road, North 24 Parganas, West Bengal - 700124.** (herein after called the Employer which expression shall include their heirs, executors, administrators and assignees) of the one part and M/S _____ (herein after called the 'Contractor') of the other part. Whereas the employer is desirous that work should be executed as per drawings and specifications describing the work to be done, to be prepared by their approved Architects and WHEREAS the said drawings, the specifications and the price schedule of quantities have signed by or on behalf of the parties hereto and WHEREAS the contractor has agreed to execute upon and subject to the conditions set forth herein and the said priced schedule of quantities at the respective rates mentioned in the priced schedule of quantities, which as part of the tender document.

2 NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In consideration of the said contract, payments to be made to the said conditions execute and complete the works shown upon the said Drawings and such further detailed drawings as may be furnished to him by the said Architects and described in the specifications and the said priced schedule of quantities.
2. The employer shall pay the contractor such sums as shall become payable hereunder at the times and in the manner specified in the said conditions.
3. The said contract comprised the building above mentioned and all subsidiary works connect there within the same site as may be ordered to be done from time to time by the said Architects even, through such works may not be shown on the Drawings or described in the said specification or the priced schedule of quantities.
4. The Employer through Architect reserves to himself the right of altering the drawing and nature of the work and adding to or omitting any items of works, check of measurement, payment certificate, variation arising in view of change of scope of work and approval of rates of extra substituted items. The decision of the Employer shall be final and binding in this regard.
5. The Employer in consultation with the Architect reserves the right to exercise control on quality of work, check of measurement, payment certificate, variation arising, in view of change of scope of work and approval of rates of extra submitted items. The decision of the Employer shall be final and binding this regard balance retention money being deducted from my /our bills in accordance with the conditions of contract.
6. The following documents shall be deemed to form and constructed as part of this agreement along with the amendments, negotiated and confirmed in various subsequent letter exchanged as mentioned hereinafter and parties hereto will respectively abide by and submit themselves to the conditions and stipulations



and perform the agreement on their parts respectively in such conditions contained.

- i) Invitation to Tender.
- ii) Instruction to Tenderers.
- iii) General Conditions of the contract.
- iv) Schedule of Quantities.
- v) Employer letter date _____/_____/_____ to the contractors awarding the contract.
- vi) Contractors letter date _____/_____/_____ to the Employer in acceptance of the award of contract.

1. All disputes arising out of or in any way connected with the agreement shall be deemed to have arisen at Barasat only, the court in Barasat shall have jurisdiction to determine the same.
2. The several parts of this contract have been read to us and fully understood by us.

Witness our hand this..... day of2022

SIGNED BY THE SAID
(EMPLOYED)

IN THE PRESENCE OF

ADDRESS

SIGNED BY THE SAID
(CONTRACTOR)

IN THE PRESENCE OF

ADDRESS

SPECIAL CONDITION OF THE CONTRACT

1. The wood to be used should have similar / uniform grains and should be totally free from white portions, decay, knots etc.
2. All the edges of the plywood should be teak wood beadings. The beading to be fixed with adhesive / screw/ nails.
3. The measurements indicated in the drawings are approximate and may vary as per the site conditions. **Barasat Zonal Office**/ Architect's interpretation of the design and the specifications mentioned in the entire document shall be final and without appeal. In case of Errors or inconsistency, if discovered in the drawing and specifications, **Barasat Zonal Office** / Architect's interpretation shall be final and without appeal.
4. The contractor shall submit the Bar Chart & PERT chart before commencement of work and the progress chart during the course of work.
5. For the design and other details mentioned in the entire document **Barasat Zonal Office** / Architect alone has the patent right.
6. The contractor shall take the prior approval from **Barasat Zonal Office** / Architect for subletting the job even if the same is to a specialized agency.
7. In case **Barasat Zonal Office** / Architect rejects a particular work the tenderer shall remove the same within two days and no payment shall be made for such work.
8. The Contractor has to take all safety measures with regard to the workmen employed as per relevant laws and good engineering practices at site and safety measures against the fire hazard.
9. The contractor has to make necessary arrangement for internal lighting at the site.
10. The contractor has to carry out the job strictly as per specification spelt out in the bill of quantities, the drawings, instructions that may be issued by the Engineer-in-charge and the specification of the Bureau of Indian Standards, National Building Code etc.
11. In case of any discrepancy between the specifications and the drawings, the details mentioned in the specifications / Bill of quantities may be taken as final.
12. The electrical installation works are to be carried out by engaging licensed electrical contractor. The successful tenderer shall submit the photocopy of Electrical Contractor's license at the time of execution of work. The copy of license of Electrical Supervisor and electricians also are to be submitted.
13. The contractor shall submit the single line drawing of electrical installations/wiring of completed work along with the final bill.
14. The contractor shall submit the Test Certificate of the Electrical installations carried out by him as per requirement of local Electrical supply Authority, Indian Electricity Rules, and Indian Electricity Act.



15. The work shall be carried out on holidays and Sundays after and before office hours and during office hours on working days. The Contractor shall ensure that there shall not be any problem, disturbance in office/other areas/floors as the work is to be executed in working office.

16. The Contractor shall depute one electrician and one helper during office hours to avoid any electrical breakdown in electrical installation.

17. The contractor has to carry out the job strictly as per specification spelt out in the bill of quantities, the drawings, instructions that may be issued by the Engineer-in-charge and the specification of the Bureau of Indian Standards, National Building Code etc.

18. Contractors shall insure whole work against fire, PICT and third party.

19. In case of any discrepancy between the specifications and the drawings, the details mentioned in the specifications / Bill of quantities may be taken as final.

20. All disputes and differences of any kind whatever arising out of or in connection with the contract or the carrying out of the works (whether during the progress of the works or within 12 months from the date of virtual completion of the work and whether before or within 12 months of determination abandonment or breach of the contract) shall be referred to giving inter-alia full details of the matter under dispute like quantities, rates, amount claimed and the reason thereto and settled by the Bank who shall state his The Arbitrator shall have power to open up, review and revise any Certificate, opinion, decision requisition or notice, save in regard to the excepted matters, referred to in the preceding Clause and to determine all matters in dispute which shall be submitted to arbitration and of which notice shall have been given as aforesaid. The Arbitrator shall make his award within one year (or such further extended time as may be decided by him or them as the case may be with the consent of the parties) from the date of entering on the reference. In case during the arbitration proceedings the parties mutually settle, compromise or compound their dispute or difference, the reference to arbitration, the reference to arbitration and the appointment of the Arbitrator shall be deemed to have been revoked and the arbitration proceedings shall stand withdrawn or terminated, with effect from the date on which the parties file a joint memorandum of settlement thereof; with the Arbitrator or the Arbitrators as the case may be. The submission shall be deemed to be a submission to arbitration within the meaning of the Indian Arbitration Act, 1996 or any statutory modification thereof. It is agreed that the Contractor shall not delay the carrying out of the works by reason of any such matter, question or dispute being referred to arbitration, but shall proceed with the works with all due diligence and shall, until the decision of the Arbitrator or Arbitrators as the case may be, is given.

21. The work will be awarded to the agency that has given the lowest rate (L-1).

Additionally,

The L2 Bidder will be asked to confirm if he can do the work at the lowest rates quoted by L1.

If the L2 gives a letter confirming that he is ready to carry out the work at the lowest rate (L1), then it can be considered to award the work to him also. The condition of this award of work to L2 on the rates of L1 will be as under:

1. When L1 denies in writing that he does not have capacity to do the work.

2. When it is observed by Barasat Zonal Office / Architect. That L1 has not completed more than 3 sites in time.

3. When defects are found in the work of L1.



4. When L1 does not take up the work as assigned within the stipulated time period as mentioned in the work order.

PREAMBLE TO THE BILL OF QUANTITIES

The work proposed is to be carried out at the Office premises mentioned on the cover page (no.1) of the tender. The premise is proposed to be provided with Furnishing, civil, plumbing works. The quality of work proposed should have *the best* workmanship. The contractor should ensure that only the first quality materials mentioned in the list of material is purchased for the project.

1. The work should be carried out in such a way that the structure is not disturbed.
2. Any difference / discrepancies in the specification should be clarified with the Engineer in charge before submitting the tender. The Engineer in charge will have the liberty to modify the specification to a reasonable limit to suit the basic concept during the course of work; the tenderer should carry out such work without any extra cost.
3. In case of any major modification such items will be considered as an extra items. Payment for such items will be paid based on the Engineering rate / Market rate analysis. **15% of the total cost of material and labour** will be considered as **tenderer's profit**.
4. The contractor should co-ordinate with the other contractors employed at the site for smooth flow of work.

SPECIFICATIONS

LIST OF PREFFERED MAKE / BRAND ALL WORKS

Sr.No.	LIST OF MATERIALS & SUPPLIERS	SUGGESTED MAKE LIST
1	INTERIOR WORKS	
	Non Asbestos Fibre Cement Wall Board	EVEREST or equivalent
	Plywood(BWP/BWR Grade)	Century, Greenply, Avenger, Swadesh, Satapdi
	Block Board(BWR/BWP Grade)	Century, Greenply, Avenger, Swadesh, Satapdi
	Particle board	Archidply/Century equivalent ISI make
	Laminate	Greenlam/Century/ Archidply/ Sunmica
	Veneer	Greenlam/Century/ Archidply/ Merino
	Acrylic sheet	ICI, GE or equivalent ISI make
	Adhesive	Fevicol / Araldite/Anchor or equivalent
	Flush Door	Century, Greenlam, Archidply, or equivalent
	Polish	Asain / Dulex or equivalent
	Latex	MM Foam or equivalent ISI make
	High density foam	U Foam or equivalent ISI make
	Locks	Ozone / Haffle / Hettich / Ebco or equivalent
	Storage Hardware	Ozone / Haffle / Hettich / Ebco or equivalent
	Screws / Nails & other accessories	GKW / Nettleford or equivalent
	Plain/Toughened glass	Saint- Gobain, Indo Asahi , Modi or equivalent
	Hardware for general staff areas	Dorma / Euro/ Ozone / Enox / Ebco /Hamco or equivalent
	Hardware for main Glass doors (patch fittings)	Dorma / Euro/ Ozone / Enox / Ebco /Hamco or equivalent
	Door Closers (general use)	Dorma / Euro/ Ozone / Hafele / Ebco /Hamco or equivalent
	Floor springs (general use)	Dorma / Euro/ Ozone / Hafele/ Ebco /Hamco or equivalent
	Floor springs for main glass doors	Dorma / Euro/ Ozone / Hafele / Ebco /Hamco or equivalent
	Aluminium Sections for Partitions	Jindal / Tata steel or equivalent
	False Ceilings: Gypsum	India Gypsum / Saint Gobin
	False Ceilings: Grid (As Approved)	Armstrong / AMF or equivalent
	GI Sections	India Gypsum / Saint Gobin / Jindal or equivalent
	POP Punning	Gyprock / India Gypsum / Birla
	Paint	Asian / Nerolac / Dulex / Berger or equivalent
	Exterior Paint	Asian / Nerolac / Dulex / Berger or equivalent

	Rolling / Vertical Blind	Vista / Peritex / Winfab / MAC or equivalent
	Frosted Film	Garware or equivalent
	Aluminum Skirting - 50mm	Jindal or equivalent
	Water Proofing	Pidilite or equivalent
	HardWood	Salwood / Teakwood/kapoor
	Glass	Saint Gobin / equivalent
2	ELECTRICAL	
	Light Fittings	Philips / Havells
	MCCB, MCB , RCCB, DB, ICTPN TP, HRC Fuse, cahnge over switch, switch fuse Unit	L&T, ABB, Legrand, Siemens, Schneider
	FRLS insulated Elec. Wire/ cable armourd, unarmoured, Sheathed,unSheathed, flexible LT cable, Multi core, single core cable, flat cable	Finolex/Ploycab/Havells/RR kabel/KEI
	PVC conduit(HEAVY DUTY ONLY)	CAP/Finolex/Polycab
	PVC insulated copper conductor Wires	Finolex/ Polycab/RR Cable
	Distribution Box	Legrand/ Schneider/ ABB/Siemens
	MCB & MCCB	Legrand/ Schneider/ ABB/Siemens/L&T
	HT cable	Polycab/Havells
	FAN/EXHAUST FAN	POLAR/BAJAJ/HAVELLS
	DLP Trunking	Legrand/Schneider or equivalent
	Power cable	CCI/ Skytone/ Universal/ LAPP/ Torrent
	End Termination	Raychem/ Mahindra/ELMEX
	PANEL	Crompton/L&T/C&S
	Ceiling, Wall & Exhaust Fan	Crompton/Havells/Bajaj/Usha
	Raceway & Alu. Trunking	Tata/Jindal/Zenith
	Casing Caping	Finolex/Cap or equivalent
	Weather proof socket outlet with MCB	ABB/MDS/LEXIC/Neptune/Elcon- Clipsil, Siemens, Schneider (Merlin Gerin)
	Miniature Circuit Breaker	ABB/MDS/LEXIC/ Clipsil/Siemens/HPL
	Earth Leakage Circuit Breaker	MDS/LEXIS/Siemens/HPL
	MCB Distribution Boards in sheet steel housing (double door)	ABB/MDS/LEXIC/Siemens/HPL
3	DISTRIBUTION	
	MV Contractor/Timer/Relays/Starters	Legrand/ Schneider(MG)/ ABB/Siemens/L&T
	Moulded case circuit breakers	Legrand/ Schneider(MG)/ ABB/Siemens/L&T
	SFU/Fuses	HPL/ L&T. Siemens, GE Power, Schneider (MG)
	ACB	Schneider(MG)/ ABB/Siemens/L&T
	Single Phase Preventer (Current base)	L&T, Minilec
	Raising Mains & Tap Off (Power coated)	Zeta, C&S, Siemens
	MV Switchboards (Powder Coated)	Tricolite Electrical Industries, conlec Enginners Pvt. Ltd, Vidyut Control Pvt Ltd., Trinitron Milestone Switchgear, Unilec Ltd, Madhu Electrical Advance

4	LOW TENSION SYSTEM	
	Light & Fan Wire	Polycab, Finolex, Havells
	Telephone Wires	Delton, Skyline, Finolex, Rallison, Batra Henley
	Telephone Tag Blocs	Krone / Pouyet/ TVS
5	CABLE AND ACCESSORIES	
	1100Volts grade Cables	CCI, Universal, Fort Gloster, Poab, RPG (Asian), Nicco
	Cable Lugs	Dowells
	Cable compression Glands	Peeco/ Comet
	Cable Trays / Cable ladders	Slotco, Bharti, RICCO, Pilco, MM Enterprises
6	Internal Wiring Related Works	
	MCB/RCCS/Isolators (ISI) marked MCB DB	L&T Siemens/ Schneider/ Legrand
	PVC Conduit	CAP / BEC/ Seiko/ AKG
	PVC insulated copper wire (ISI marked)	Skyline/ Finolex/ Havells/ Polycab
	Telephone Cable	Skytone/ Delton/ NICCO/Polycab/ Finolex
	Switch, TV & Telephone socket & boxes (Modular Type)	CPL/ Legrand/ABB/Anchor
7	Networking	
	Switches	Brocade/Cisco/Digi-Link/3Com/Nortel/Foundry/D-Link
	Patch Panel,Patch cord and I/o	Digi-Link / Tyco(AMP) /Schneider/D-Link
	Cable	Digilink/Clipser/National/Polycab/Lapp/Finolex
	Racks	ComRack / HCL / ValRack / APW President

NOTE :-

- ☐ The tenderer shall use all the material strictly as per the list of approved make as stated above, it is mandatory to take the written confirmation well in advance if the material as stated above is not available and / or the same is not suitable (colour, size, shape, texture) as per the site condition.
- ☐ In case the tenderer wish to verify the detailed specification of materials, workmanship etc. the same may be verified from the office of Architect before submission of the tender.
- ☐ Whether a product is equivalent or not will be decided by the Engineer-in-Charge/ Architect only.

PROPOSED INTERIOR WORK FOR RENOVATION OF GOPALPUR BRANCH INDIAN BANK UNDER ZONAL OFFICE-BARASAT I. SCHEDULE OF QUANTITIES FOR FURNISHING AND ELECTRICAL WORKS						
ITEM NO.	DESCRIPTION	QNTY.	UNIT	RATE RS. P.		AMOUNT (excl GST) RS. P.
1)	<p>GYPSUM BOARD PLAIN FALSE CEILING</p> <p>Providing and fixing in position dropped ceiling in two levels including vertical surfaces in between two level of ceiling surface with 12.5mm thick tapered edge gypsum board conforming to IS 2095 including providing and fixing of framework made of special sections power pressed from MS Sheet and galvanized in accordance with Zinc coating 600 as per IS 277 and costing of angle cleats of size 25mm wide x 16mm thick with flanges of 22mm and 37mm at 1200mm center to center one flange fixed to the ceiling with dash fastner 12.5mm dia with flanges of 22mm and 37mm at 1200mm center to center one flange fixed to the ceiling with dash fastner 12.5mm dia x 40mm long with 6mm dia bolts to the angle hangers of 25x25x5 mm of required length and other end of angle hanger being fixed with nut and bolts to G.I. Channels 45mm x 15mm x 0.9mm running at the rate of 12mm centre to centre to which the ceiling section 0.5mm thick bottom wedge of 08mm with tapered flanges of 26mm each having clips of 10.5mm at 450mm center to centre shall be fixed in a direction perpendicular to G.I. Channel with connecting clips made out of 2.64 mm dia x 230mm long G.I. Wire at every junction including fixing the gypsum board with ceiling section and perimeter channel.</p> <p>The perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm center to center with 25mm long drive all screws @ 230mm interval including jointing and fixing to a flush finish of tapered and square edges of the gypsum board with recommended filter, paper tapes, finisher and two coats of primer suitable for gypsum board as per manufactures specification and also include the cost of making openings for light fittings grills, diffusers, cutouts made with frame of perimeter channels of the Engineer-in-Charge but including the cost of 2coats of Acrylic emulsion painting over primer. Rates to include cost of making openings for ceiling mounted electrical fittings/air-conditioning accessories and also making of openings of size 2'x2' with door for electrical servicing as per instructions.</p>	1050	Sqft.			
3	<p>FULL HEIGHT PARTLY GLAZED WOODEN PARTITIONS</p> <p>Supplying and erecting full height partlyglazed partition (varying from 8'6" to 10ft high) as per drawing and conforming to the following specifications :</p> <p>Basic Framework : Well seasoned Malaysian sal wood sections, treated with two coats of wood preservatives, 50mm x 50mm (minimum) at maximum 600 mm horizontal or vertical spacing as per site conditions.</p> <p>Skin Membrane : (Opaque portion upto 900mm from floor level with 1x6 mm thick BWR grade plywood on each face with 4x4mm grooves formed at the top layer as per drawings/instructions.</p> <p>Glazing : 12 mm thick clear float glass fixed with continuous White or Steam Beech wood glazing beads of approved shape (finished 35x25 mm) all around, polished & coated with NC lacquer finish. The rate should also include cost of decorative etching on one side of the glass.</p> <p>Finishing : 1.0mm thick laminate sheet of same or conivation shades as per instructions.</p> <p>Edge Moulds : All free top/end surfaces shall have polished white or steam beech wood moulds of apprived shape (from 80x 25mm sections) with LC lacquer in mat finish.</p> <p>Skirting: 100mm high x 12 mm thick polished white or steam beech wood skirting on both faces with NC lacquer in Matt finish.</p> <p>Quoted rates shall include all necessary materials, accessories and also allow provisions for electrical/telephone/computer wiring conduits and switch boxes, etc (Materials of wiring conduits and switch boxes shall be separately paid for.)</p>	200	Sq.Ft.			

4	<p>LOW HEIGHT SOLID WOODEN PARTITIONS Supplying and erecting low height opaque partitions (from 3'-00" 4'. high) as per drawing and conforming to the following specifications : <u>Basic Framework</u> : Well seasoned Malaysian sal wood sections, treated with two coats of wood preservatives, 50mm x 50mm (minimum) at maximum 600 mm horizontal or vertical spacing as per site conditions. Vertical Members shall be suitably anchored and at ceiling level to ensure rigidity. <u>Skin Membrane</u> : 6 mm thick BWR grade plywood on each face with 4 mm grooves formed as per drawings/instructions. <u>Finishing</u> : 1.0mm thick laminate sheet of combination shades as per instructions on one side and otherside finished with Synthetic enamel paint <u>Skirting</u> : 100mm high plywood skirting finished in 1mm thk. Laminate of combination shades as per instruction and drawing. Quoted rates shall include all necessary materials, accessories and also allow provisions for electrical/telephone/computer wiring conduits and switch boxes, etc (Materials of wiring conduits and switch boxes shall be separately paid for.)</p>	150	sqft.	
5	<p>FULL HEIGHT SOLID PARTITION ON BOTH SIDE LAMINATE Supplying and erecting full height opaque partitions (from 8'-6" 10ft. high) as per drawing and conforming to the following specifications : <u>Basic Framework</u> : Well seasoned Malaysian sal wood sections, treated with two coats of wood preservatives, 50mm x 50mm (minimum) at maximum 600 mm horizontal or vertical spacing as per site conditions. Vertical Members shall be suitably anchored and at ceiling level to ensure rigidity. <u>Skin Membrane</u> : 6 mm thick BWR grade plywood on each face with 4 mm grooves formed as per drawings/instructions. <u>Finishing</u> : 1.0mm thick laminate sheet of combination shades as per instructions on one side and otherside finished with Synthetic enamel paint <u>Skirting</u> : 100mm high plywood skirting finished in 1mm thk. Laminate of combination shades as per instruction and drawing. Quoted rates shall include all necessary materials, accessories and also allow provisions for electrical/telephone/computer wiring conduits and switch boxes, etc (Materials of wiring conduits and switch boxes shall be separately paid for.)</p>	400	sqft.	
6 6A	<p>Providing, fitting & fixing the cash counters & cabin along with partitions all complete: Internal Size of the cash cabin : 4'-6" (w) x 7'-0" (l) x 7'-0" (h) Providing fixing & fixing 2'-6" wide & 2'-6" high staff working top made of 18mm thick BWP block board of approved make finished with 1.0 mm laminate of approved make & shade. The customer transaction top shall be 1'-6" wide projecting 6" on the customer side at a height of 1' above the staff working counter thus making a total height of 3'-6". The customer top is made of 3/4" thk. Granite top (Black galaxy) placed on 18mm thick BWP blockboard which is cut & shaped with edges round polished. Below the working top/counter will be 1'-4" wide drawer cum shuttered cabinet unit on one side & metallic CPU trolley on the other side with key board tray with slide channels & foot rest in between for each of the cash counters specs same as Banking Counters. All the specification of the drawer unit/CPU trolley is same as that of Work station in item no 6. Below the Transaction top the portion which is overlapping with the working counter of 10" deep will be covered by 2 sets of sliding shutters with a intermediate shelf with all locking arrangement for keeping currency notes. Both the staff working top & the transaction top is rested & supported together by a front Apron or Double skin partition which is similar in design and specification as that of Banking counters. There will be necessary grooves between the two different decorative laminates as shown in the detail drawing & as directed. The counter will be provided with wire manager. The front portion of cash cage above the transaction top (from 3'-6" to 7'-0" height) will be provided with 2 nos. of 12 mm thick float glass leaving a gap of 2" between the two glass panes so as to allow conversation between the customer & the cashier & a cut out of 8" x 4" at the central bottom part of each of the transaction top.</p>	10	Rft.	

6B	<p>Cash Cage Side, Intermediate & rear Partitions with Partly glazed door The intermediate/side/rear partition with doors between Cash Cabins as Partly glazed Wooden Partition upto 7'-0" height with the following specification: <u>Basic Framework</u> : Well seasoned Malaysian sal wood sections, treated with two coats of wood preservatives, 50 mm x 50mm (minimum) at maximum 600 mm horizontal or vertical spacing as per site conditions. Vertical Members shall be suitably anchored at floor level to ensure rigidity. Exposed frame members in the glazed portions shall have wider spacing (approx. 1800 mm clear) as per instructions. Exposed members shall be finished with 1.0mm thick laminate sheet of same or combination shades, over 6 mm BWR grade plywood including 4 mm grooves at locations as per instruction. <u>Skin Membrane</u> : (Opaque portion upto 1050 mm(3'-6") from floor level with 6 mm thick BWR grade plywood on each face with 4x4mm grooves formed as per drawings/ instructions. <u>Finishing</u> : 1.0mm thick laminate sheet of combination shades as per instruction and drawing. <u>Skirting</u>: 100mm high plywood skirting finished in 1mm thk. Laminate of combination shades as per instruction and drawing. <u>Glazing</u> : Strips of 12 mm thick clear float glass fixed with continuous White or Steam Beech wood glazing beads of approved shape (finished 35x25 mm) all around, polished & coated with NC lacquer finish. The rate should also include cost of decorative etching on one side of the glass. Quoted rates shall include all necessary materials, accessories and also allow provisions for electrical/telephone/computer wiring conduits and switch boxes, etc (Materials of wiring conduits and switch boxes shall be separately paid for.) All exposed edges of the BWP ply & blockboard are to be finished with 12 mm thk. Rubber wood lipping which are to be polished as directed. Provision for extra wooden frame work of same section for intermediate glazing to be included in the rate. There will be provision for small trays/windows for transferring of small copy either from the banking area to the cash cabins or between the cash cabins as directed by the architect. The cost of all fittings of the door :handle locks, aldrops handles, hydraulic door closer, night latch all of approved make of the doors wherever required in the cash section to be included.</p>	180	SQFT.		
7	<p>WALL & PILLAR PANELLING OF ATM & 3NOS. COLUMNS IN THE BANKING LOBBY Wall Panelling / column encasing (upto False ceiling height) works as per Branch Ambience Standardised manual of the Bank conforming to the following specifications : Shall be made up of 2"x1" salwood framework with 12mm thk ply back up. The framing shall be fixed at intervals of 2'0" c/c horizontally and vertically. Shall be made up of 19mm thk plywood as per site conditions. The framing shall be fixed with 6mm thick ply to form 4mm grooves finished with 1mm thick approved color laminate of approved make at every 1ft interval. The skirting shall be finished with 3" wide 1.00mm approved bi color laminate of approved make. Quoted rates shall include all necessary materials, accessories and labour and also allow provisions for electrical/telephone/computer wiring conduits & switch boxes etc. complete with necessary jacking /thickening of panels to accommodate conduits/ switch boxes. (Materials for wiring conduits and switch boxes shall be separately paid for).</p>	250	Sqft.		
8	DISTRIBUTION CABLE / WIRE				
	Supply & lay 1.1 KV grade PVCA CU cable on wall having MS /HDP pipe protection near floor level and clamping as required for the following:-				
A)	25 Sq mm 4 core CU with 2 nos 10 SWG GI wire	35	Mtr		
B)	16 Sq mm 4 core CU with 2 nos 10 SWG GI wire	35	Mtr		
C)	10 sq mm 4 core CU with 2 nos 12 SWG GI wire	40	Mtr		
D)	6 sq mm 4 core CU with 2 nos 12 SWG GI wire	40	Mtr		
E)	2.5 sq mm 2 core CU for UPS Plate Earthing	20	Mtr		

F)	4 nos. 16 sq. mm. CU flexible wire through GI flexible pipe complete with end termination with CU sockets.(Meter loop connection with Main SFU & Busbar)	15	Mtr		
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9	Making end termination of 1.1 KV grade PVCA CU cable with supply of cable end box , brass Gland, CU crimping socket & jointing materials as required for the following:-				
A)	25 Sq mm 4 core CU	2	Each		
B)	16 Sq mm 4 core CU	2	Each		
C)	10 sq mm 4 core CU	8	Each		
D)	6 sq mm 4 core CU	5	Each		
E)	4 sq mm 2 core CU	8	Each		
10	Supply draw and connect 1.1 KV grade PVC S/C multistrand CU wire FR grade in suitable PVC conduit & accessories including wall cutting & repairing as required for the following:-				
A)	2X4 + 1X 2.5 sq mm. (Glow sign supply, UPS & LDB DB supply, UPS incoming / outgoing supply).	250	Mtr		
B)	1X6 SQMM CU wire for earthing	200	Mtr		
C)	2X2.5 + 1x1.5 sq mm. (for UPS & Raw power Circuit)	200	Mtr		
D)	Supplying & laying of Lighting on & Off Invertor line wiring with 2x6+ 1x2.5 sqmm wiring in PVC conduit	150	Mtr		
11	<u>TELEPHONE CABLE</u> Supply, lay and connect PVC insulated CU conductor and armoured 10 pair Telephone cable	50	Mtr		
12.0	<u>EARTHING</u>				
12.1.1	Supply and election Earth station with 600 x600x3mm GI Plate with earth strip / wire connecting arrangement including excavation and back filling with 25 mm dia GI pipe for watering.(for UPS Earthing & Light fan Fixtures)	2	Each		
12.1.2	Supply and erection of masonry pit for each Earth station having CI/RCC inspection cover.	2	Each		
13.0	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:-				
13.1.1	With (25x6) mm GI flat	1	Each		
13.1.2	With (25x3) mm CU flat	2	Each		
14.0	Supply and lay GI flat for earthing underground /on wall including connection for the following:- (25x3)mm GI flat	80	Mtr		
15	COMPUTER LAN SYSTEM :				
a)	Supply Laying & connection of CAT-6 wire through 25mm PVC rigid pipe from HUB to IO box all complete with accessories & 16SWG pull out wire for drawing data cable.	300	Mts.		
b)	Providing & fixing I/O Box with RJ 45 socket	10	Nos.		
c)	PATCH CORD 1 MT LENGTH	10	Nos.		
d)	PATCH CORD 2MT LENGTH	10	Nos.		
e)	24 port Patch Panel	1	job		
f)	10/100 MBPS 24 PORT SWITCH	1	job		
16	TRAP DOOR & BOXING FOR ROLLING SHUTTERS & COLLAPSIBLE GATE WITH LAMINATE FINISH Providing and fixing trap doors consisting of 1/4" thk. Marine ply shutters with a clear opening of 4.5" opening for smooth operation of shutters and rest is closed with mirror screws (for opening & for servicing). The shutters shall be finished with approved Laminate Finish with all materials and frame of 2"x1 1/2" teak wood sections shall be provided for proper support and strength. Rate shall be inclusive of necessary fittings like hinges(hafele/ebco make), ball catches, tower bolts, etc.	40.0	SQFT		

17	SYNTHETIC ENAMEL PAINT ON STEEL WINDOWS/WOODWORK Providing and painting on wooden, steel or plastered surfaces with two coats of Synthetic Enamel paint of approved shade & brand over a coat of primer of approved quality after sand papering the old/new surface to give an even uniform shade.	1000	SQFT		
18	PLASTIC EMULSION PAINT WORK OVER PUTTY FINISH Providing and applying minimum two coats of acrylic emulsion paint of approved shade & make on a base coat of necessary primer & 1MM thk. White cement Putty for necessary wall preparation & scrapping of old surface & new surface preparation in the walls under false ceiling & in the walls & ceiling in the non-banking areas	4000	SQFT		
19	SHIFTING OF OLD FULL HEIGHT CABINETS & ALMIRAHS FROM THE EXISTING POSITIONS TO NEW POSITIONS WITHIN THE PREMISES AND PLACING THEM IN POSITION AS DIRECTED.	1	JOB		
20	DISMANTLING WORK: Dismantling of electrical items like light fittings, fan, wires, switches, boards etc along with all allied items like LAN and Telephone wires and all items dismantling as per need of the site.	1	job		
21	DISMANTLING OF PARTITIONS, PANELLING & RUNNING COUNTER AND REMOVAL OF THEM AS PER LOCAL MUNICIPALITY NORMS	1	JOB		
GROSS TOTAL OF FURNISHING & ELECTRICAL WORKS FOR GOPALPUR BRANCH (excl GST):					

GST:

Total Amount:

Total Amount in words:

PROPOSED INTERIOR WORK FOR RENOVATION OF GOPALPUR BRANCH INDIAN BANK UNDER ZONAL OFFICE-BARASAT II. SCHEDULE OF QUANTITIES FOR LOOSE FURNITURES & LIGHT FAN FIXTURES					
ITEM NO.	DESCRIPTION	QNTY.	UNIT	RATE RS. P.	AMOUNT (Excl GST) RS. P.
1	<p>TABLES Providing, fixing and fitting in position free standing work station made of 19 mm thk. BWP Ply + 1.0 mm. Laminate of approved make and colour for the table top, sides & front apron The table is supported on the left side by a 1'-6" wide & 2'-0" deep drawer unit consisting of a tea tray, one drawer & a shuttered cabinet all in 1.0 mm thk. laminate finish and Ply partition on the right side . The table is provided with a readymade metallic CPU Holder with swivel facility, (CPU HL SW / INNOFIT systems or similar) & readymade key board drawer of engineering Plastics (KD 575 P MT/ INNOFIT System or similar) shall be suspended below the table top. Quoted rates shall also include cost of polished white or steam beech wood moulding (finished 40x20 mm section) to edges of table top; polished white or steam beech wood lipping (6mm thick) to free edges of block board/ plywood surfaces; approved drawer - slides, concealed type auto-closing shutter hinges and locks with keys in duplicate; other necessary hardware and accessories including satin finish S.S. handles, knobs and wire - managers etc. of approved quality & the table top is finished with 5mm thick glass.</p> <p>A) Approx. size of 1800 x 900 x 750 mm B) Approx. size of 1500 x 750 x 750 mm C) Approx. size of 1200 x 750 x 750 mm</p>	1 3 3	No. No. No.		
2	<p>SIDE CREDENZO The side unit is of size 3' (L) X 1'-6" (W) X 2'-6" (H) consisting of a top row of two sets of 4" high drawers with cabinets below with sliding shutters, made of 19mm thick BWR grade block boards all finished in 1.0mm thk. laminate. Exposed block board surfaces shall be finished with 1.00mm laminate sheet of approved shade and make. Inner faces of sliding shutters shall be polished in approved color. Free edges of block board shall have polished white or steam beech wood half round moulds (out of 20 x 20 mm sections). Inner faces of cabinet units shall be polished in approved shade quoted rates shall include cost of necessary hardware , Viz handles, locks with keys in duplicate, etc.</p>	3	Nos.		
3	<p>STORAGE UNITS P/F/F Low /Full height filing cabinet 1'-4" deep/ upto 3'-0" ht for LHS & 7' Ht. for FHS, made of 18mm BWP blockboard with intermediate shelves. The back of the cabinet to be made of 6mm thk.BWP ply fixed on the wall. There will be one horizontal division and vertical dividers of same block board at approx. 3ft.apart with sliding shutters. All exposed surfaces & the shutters are finished with 1.0 mm thk. decorative laminate of approved make & shade. Cost of all fittings like brass hinges, godrej locks,magnetic hinges, godrej locks, magnetic catches, steel matt finish "D" type handles shall be inclusive.</p>	140	Sqft		
4	<p>FLUSH DOOR Supplying and fixing in position overall 37mm thick solid core hot pressed phenol formaldehyde bonded approved flush door shutter finished door shutter finished with 1.0mm thick laminate sheet of approved shade and quality on both sides of the door shutter including cost of hardware fittings e.g. mortice locks, brass hinges, hydraulic door closer, door handles etc. of approved make and quality. Average size of shutter (D1) : 2' 6"x 7'-0" Average size of shutter (D2) : 3' 0"x 7'-0" Average size of shutter (D3) : 2' 6"x 4'-0"(swing door)</p>	1 3 3	No. No. No.		
5	<p>PARTLY GLAZED DOOR SHUTTER Providing, fixing & fitting in position Door shutters made of specification similar to that of item (2) hinged on 3 nos. brass hinges as required with the exception that the wooden frame is of section 2" x 1.5". The cost of all fittings:handle locks, aldrop handles door closer, night latch all of approved make to be included.The glazed portion will be between 3'-0" to 6'-8" of 6 mm thk. glasspanes of approved quality. Average size of shutter (D4) : 2'-6"x 7'-0"</p>	2	Nos.		

6	TWIN STILE FULLY GLAZED PARTITION & DOOR FOR MAIN ENTRANCE OF BRANCH Providing & fixing in position twin stile door made of 40 mm thk. well seasoned teak wood of top & bottom stiles, fixed portion with 12mm thk. Toughened float glass & openable portion with Single glazed shutter made of 12 mm thk Toughened Float glass with necessary hardware fixtures of approved make & design, viz. double action ISI marked floor springs, on which the shutters are pivoted at the top & bottom, brass flushbolt, satin finish stainless steel decorative tubular handles on both the faces, (Dorset /Dunex or equivalent approx. 300mm long) complete as per direction. Rate should include etching of the Bank's logo & emblem on the Glass in the size & design as approved by the architect. Wooden surface should be polished in approved shade N.C. Lacquer in matt satin finish.				
A	FIXED GLAZING	10	SQFT.		
B	OPENABLE GLAZING	25	SQFT.		
7	PIN-UP NOTICE BOARD IN BRANCH Providing, fitting in position pin-up board made of soft cork board finished with the fabric as approved, matching with the colour scheme of the banking hall with a R.W. moulding all around the edges.	12	Sqft.		
8	WRITING LEDGE CUM CHEQUE DROP BOX Providing & fixing in position writing ledge of size: 3'(l) x 1'(w) fabricated out of 19mm thk BWP blockboard, 1mm laminate finished and 12mm & 10mm bevelled, machine polished glass as indicated fixed to the pillar. Writing ledge will be having glass divider made out of 10mm thk glass for keeping deposit slips. White beach / white cedar lipping with natural polish is to be provided as directed. Below the shelf after a 6" gap is place a cheque drop box of size :2'x 2'x 6" with 1" wide slit for inserting cheques made of 19mm thk BWP blockboard, 1mm laminate finished. (At the branch and ATM 1no. each) Item is to be completed in all respects as per design, direction / approval of the Architect.	1	NO.		
9	UTILITY COUNTER Providing & fixing in position 19mm thk Plywood counter fixed to the Partition with vertical support made of 19mm Plywood all finished with 1mm thk. Laminate finish.	8	RFT		
10	WINDOW SCREEN Providing, fitting in position 100mm Vertical blinds made of best quality PVC coated polyester fabric of approved make & shade & to be tailored to the size of the window.	115	SQft		
11A	<u>FAN</u> Supply, erection and connection of 400 mm 230V oscillating type wall mounted bracket Fan.	16	Each		
11B	EXHAUST FAN Supply, erection and connection of 225 mm 1400 rpm, 230V Heavy duty exhaust Fan with wire guard net including wall cutting and finishing.	3	Each		
12	<u>Call Bell</u> Supply and fixing of call bell with modular type push complete with plate & box to be fixed at the entrance gate.	1	Each		
13.0	<u>LIGHT FITTINGS</u> Supply, erection and connection of fluorescent / compact fluorescent / mini halogen fitting with lamp , ballast / Transformer and other accessories for the following:-				
A	PLUTO LHEWEIP6PW1W036 36W 840 2'X2' HAVELLS	6	Each		
B	INTEGRA LHEBGP5PZ1W015 15W 830 HAVELLS	25	Each		
C	ENDURA LINEAR NEO LHEWEBP5IN1W020 20W 830	15	Each		
14.0	<u>TELEPHONE POINT</u>				
A	Telephone point wiring with 2 pair PVC insulated CU conductor (0.5mm) telephone wire drawn through PVC conduit.	3	Each		
B	Supply and erection of modular type telephone outlet RJ11 mounted on suitable front plate housed in recessed MS box.	3	Each		
C	Supply and erection of 10 pair telephone terminal box (Krone type housed in MS box).	1	Each		

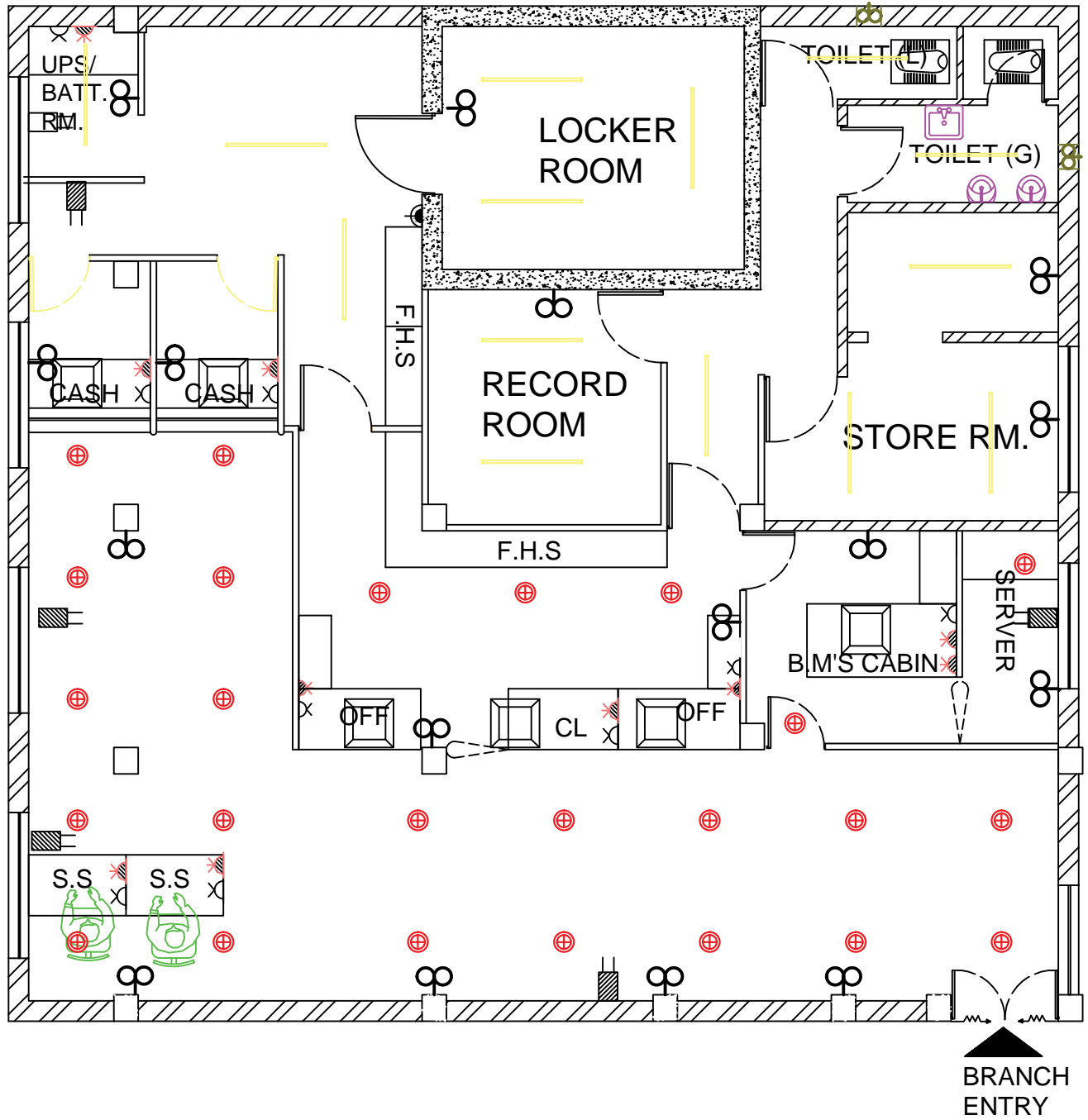
15.0	<u>SWITCH/ MCB</u> Supply & erection of 415V/230V equipment individually on wall housed in MS enclosure with metal front cover for the following:				
A	100A FP SFU with HRC fuse links as main incomer with cable entry box.	1	Each		
B	40A rated 4P On-Load CO Switch to be connected after the TPN Busbar with cable entry box at both ends.	1	Each		
C	32A TPN SFU with rewirable fuse links for Generator supply.	1	Each		
D	25A DP MCB for UPS incomer & outgoing.	4	Each		
E	TPN Busbar chamber having 4 nos. 25x6mm CU Bars fixed on insulators.	1	Each		
F	40A DP RCCB (MAKE :LEGRAND/L&T)	1	Each		
G	32A 20KA 230-400V, 50/60 HZ FP SURGE PROTECTION DEVICE (HAGER MAKE)	1	SET		
16.0	<u>DISTRIBUTION BOARD</u> Supply & erection of 415V, TPN wall mounting DB housed in Horizontal Double door DB box consisting of the following:-				
A	<u>MDB:</u> i) Incomer- 1 No - 63A 4P MCB (10KA). ii) Outgoing- 7 Nos. - 32 SP MCB (10KA). (UPS supply for Bank, and LDB supply)	1	Set		
B	<u>PDB / AC DB:</u> i) Incomer -1 No- 100A 4P MCB Isolator. ii) Outgoings- 10 nos. -16/20 SP MCB (10KA).	1	Set		
17.0	Supply & erection of 230V SPN Wall mounting DB housed in SPN double door DB box consisting of the following:-				
A	<u>LDB:</u> i) Incomer- 1 No- 32A 2P MCB(10KA) ii) Outgoing-10 nos. -6A/10A SP MCB(10KA)	1	Set		
B	<u>CDB:</u> i) 1 no - 25A DP MCB(10KA) ii) 2 nos. - 10A SP MCB(10KA) iii) 6 nos. - 6A SP MCB(10KA)	1	Set		
18.0	<u>LIGHT , FAN & RAW POINT :</u> Supply & wiring with 3x1.5 sq. mm 1.1 KV grade PVC S/C multistrand CU wire (FR) in suitable size PVC conduit & accessories having control board with modular switch mounted on suitable front plate and housed in recessed MS box. The point wiring also include circuitwiring with 1.1 KV grade 2 nos. single core 2.5 sq. mm +1 no. single core (green colour for Earth) PVC insulated flexible copper conductor wire through suitable size PVC conduit from DB to Switch board, interconnection and mending good all damages to original finish. (Max.8-10 points or 700- 800Watts per Circuit is allowed).				
A	One Light controlled by 6A switch	21	Each		
B	Two Light controlled by 6A switch	13	Each		
C	Bracket fan/Exhaust point with 6A switch	19	Each		
D	Modular type 6A switch, 1 no. 6A 5 pin socket point mounted on suitable front plate on separate switch board other than light / fan switch board. (Power to be tapped from nearest S.B/ LDB).	10	Each		
G	Call bell point with bell push and bell (for manager's Chamber).	1	Each		
19	<u>UPS POWER OUTLET CLUSTER POINT.</u> Computer socket outlet cluster point wiring with 1.1KV grade 2x 2.5 + 1x1.5 sq. mm. PVC insulated flexible copper conductor wire(FR) through suitable size PVC conduit with all accessories up to connection of 2/3 nos. sockets cluster in one circuit connecting by looping method. The work includes supply and fixing of sockets outlet cluster components as detailed below:- 1 nos.- 16A modular type switch. 3 nos. - 6/16A 5 pin modular type socket 1 each no. - Front plate & MS box. (for Each Table & counters)	10	Each		

20A	<u>16A RAW POWER OUTLET POINT</u> Wiring for Power outlets from DB with 1.1 KV grade 2x 2.5+1x1.5 PVC insulated copper conductor wire (FR) through suitable size PVC conduit complete with 1 no 6/16A socket with 16A control switch in suitable size modular box with front plates (Cabtree Legrand), junction box, circular box elbows etc and all other accessories surfaced on wall above false ceiling and concealed by chase cutting on wall & making connection complete. (Maximum 2 nos. sockets cluster in one circuit connecting by looping method).	2	Each		
20B	16A SOCKET WITH 15A 3Pin Top & 32A Modular SPMCB with SM box & plate	2	Each		
21	<u>A.C. POWER POINT</u> A.C. power point wiring from PDB with 1.1KV grade 2 nos. single core 4.0 sq. mm + 1 no. 2.5 sq mm (Green colour for Earthing) PVC insulated copper conductor wire (FR)through suitable size PVC pipe on wall / ceiling surface with all wiring accessories. The work includes supply & fixing by chase cutting on wall, North West /Cabtree make Starter 18-25A (MS housed) unit with 16A socket & matching 16A Plug top complete with all interconnections for 2T, 1.5 and 1Ton AC.	6	Each		
22	<u>TIMER D.B. FOR AC IN SERVER RM</u> i) 1 no - 24 Hours Time switch(Leg rand / Siemens/L&T) ii) 2 nos. DP contactor, 20A rated(2 NO) iii) 2 nos. 16A rated SP MCB (10KA). (For alternative running of 2 nos. 1 Ton AC at 4 Hours interval). 2 nos. - Indicating Lamp(Orange & Red/ Blue)	1	Set		
GROSS TOTAL OF LOOSE FURNITURES & LIGHT FAN FIXTURES FOR GOPALPUR BRANCH (excl GST):					

GST:

Total Amount:

Total Amount in words:



PROPOSED ELECTRICAL LAYOUT PLAN OF
GOPALPUR BRANCH
INDIAN BANK,
UNDER ZONAL OFFICE, BARASAT



KALPANGAN CONSULTANTS PVT. LTD.
FLAT NO. 9, 4, DR. SUNDARI MOHAN AVENUE
KOLKATA-14, PH. NO.-9830162952



SCALE -
0 2' 4' 8' 10'

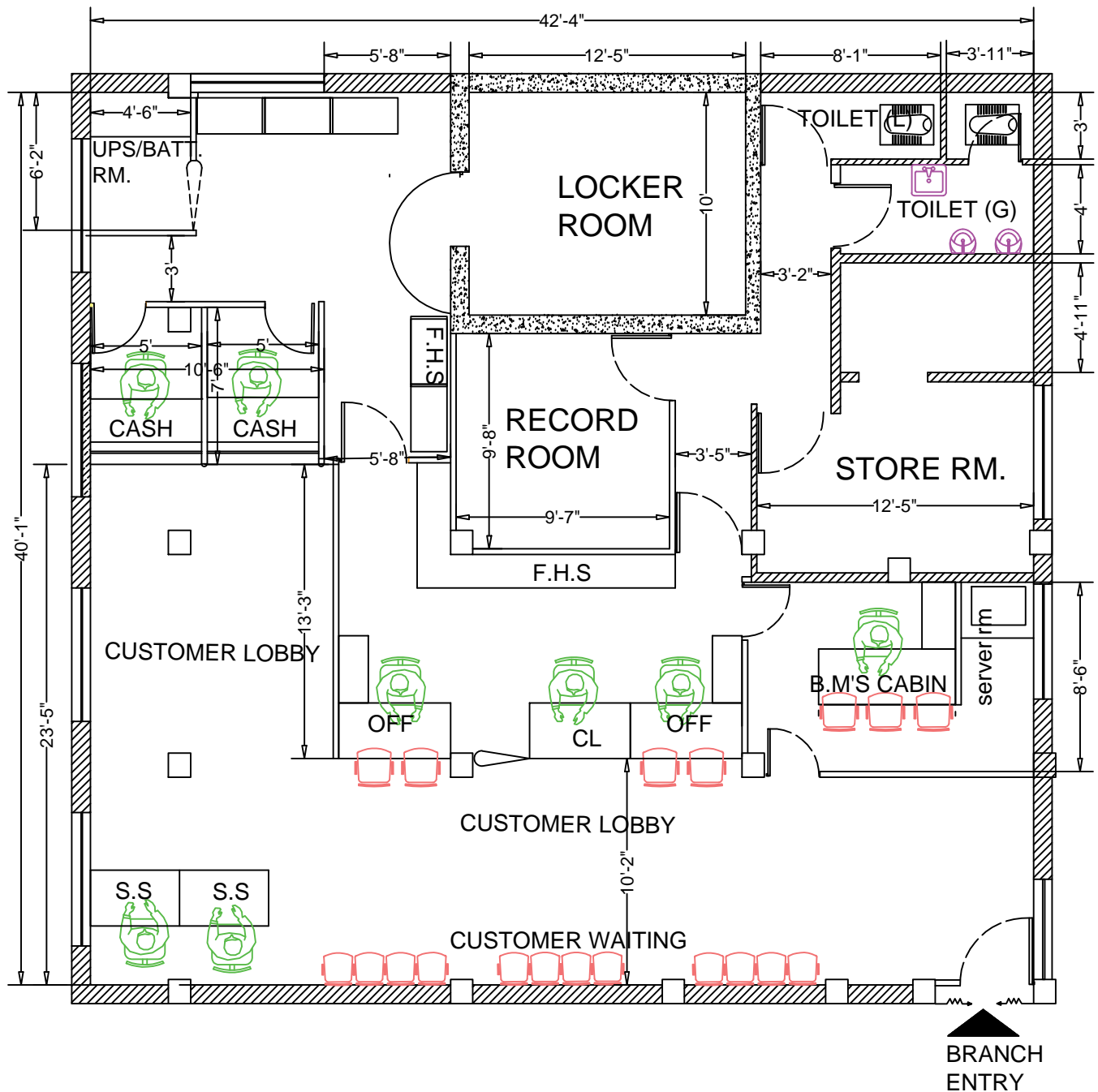
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PROPOSED ELECTRICAL
LAYOUT PLAN OF
GOPALPUR BRANCH

KCPL/IB/GOPAL-BA/02

LEGEND

	PLUTO LHEWIP6PW1W042 42W 840 2'X2' HAVELLS	06
	INTEGRA LHEBGT5P21W015 15W 830 HAVELLS	25
	ENDURA LINEAR NEO LHEWEBP5IN1W010 10W 830	15
	EXHAUST FAN	02
	A.C. STARTER (1.5T)	05
	A.C. STARTER (1 T)	01
	TEL. OUTLET	03
	6/16A PLUG (RP)	02
	6A PLUG (RP)	10
	3X6A PLUG (UPS)	10
	BRACKET FAN	16



PROPOSED FURNITURE LAYOUT PLAN OF
GOPALPUR BRANCH
INDIAN BANK,
UNDER ZONAL OFFICE, BARASAT



KALPANGAN CONSULTANTS PVT. LTD.
FLAT NO.9, 4, DR. SUNDARI MOHAN AVENUE
KOLKATA-14, PH. NO.-9830162952



SCALE -



DATE -23/10/2022

PROPOSED FURNITURE LAYOUT
PLAN OF
GOPALPUR BRANCH
REVISED

KCPL/IB/GOPAL-BA/01