

इंडियन बैंक



Indian Bank

इलाहाबाद

ALLAHABAD

INDIAN BANK

ZONAL OFFICE GUWAHATI
G L PUBLICATION BUILDING, 3rd FLOOR
ULUBARI (NEAR HANUMAN MANDIR)
GUWAHATI-781007, ASSAM

TENDER DOCUMENTS
FOR
INTERIOR FURNISHING WORKS (COMPOSITE), INVOLVING CARPENTRY, ELECTRICAL , LAN CABLING
& OTHER MISC. WORKS
OF
NONGPOH BRANCH , MEGHALAYA
FROM
EXPERIENCED & REGISTERED CONTRACTORS

ARCHIVENTIONS- Architects & Engineers
House No-95, Ground Floor, Lachitnagar Main Road
Opposite Hari Naamghar, Lachitnagar, Guwahati-781007, Assam
PH- +91-9854062928/ +91-361-4083110



INDIAN BANK
(A Govt. of India Enterprise)

NOTICE OF INVITATION TO TENDER

Sealed Tenders are invited on behalf of Indian Bank, Zonal Office Guwahati, G L PUBLICATION BUILDING, 3rd Floor, Ulubari (Near Hanuman Mandir), Guwahati -781007, from registered contractors having adequate experience to execute Composite Work which includes Carpentry, Electrical, LAN Cabling & Networking, Air Conditioning 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. **ARCHIVENTIONS**- Architects & Engineers, House No-95, Ground Floor, Lachitnagar Main Road, Opposite Hari Naamghar, Lachitnagar, Guwahati-781007, Assam

- a) Name of work : Carpentry, Electrical, Lan Cabling and other Allied Works of NONGPOH BRANCH AT MEGHALAYA
- b) **Time of Completion** : 30 Days
- c) Earnest Money : Rs 13,000.00 (Rupees Thirteen Thousand Only)
by crossed Demand Draft/ Pay Order payable at Guwahati and drawn in favour of Indian Bank, Guwahati Zonal Office
- 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, Guwahati Zonal Office
G L PUBLICATION BUILDING, 3rd Floor,
Ulubari (Near Hanuman Mandir), Guwahati -781007

- f) Issue of Tender Document : From **03.10.2024 to 24.10.2024** Between 10.00 hrs to 15.00hrs , 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 **03.00 P.M. on 24.10.2024**
- i) Time and date of Opening of tender: **At 4.00 P.M. on 24.10.2024**
(Cover1, Technical Bid)
- Venue of Opening Tenders : Indian Bank, Guwahati Zonal Office
G L PUBLICATION BUILDING, 3rd Floor,
Ulubari (Near Hanuman Mandir), Guwahati -781007
- j)
- k) Tender to be addressed and submitted to : Dy. Zonal Manager
Indian Bank, Guwahati Zonal Office
G L PUBLICATION BUILDING, 3rd Floor,
Ulubari (Near Hanuman Mandir), Guwahati -781007
- l) Clarification, if any to be obtained from : M/s. **ARCHIVENTIONS**- Architects & Engineers
House No-95, Ground Floor, Lachitnagar Main Road
Opposite Hari Naamghar, Lachitnagar,
Guwahati-781007, Assam
PH- +91-9854062928/ +91-361-4083110
- 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 Carpentry, Electrical, LAN work & A.C Works, during the last 5 years ending on 31st March, 2024
1. 3 (three) “similar completed works” costing not less than the amount equal to 40% of the estimated cost i.e. Rs.5.08 Lakh
- OR
2. 2 (two) “similar completed works” costing not less than the amount equal to 50% of the estimated cost i.e. Rs.6.35 Lakh
- OR
3. 1 (one) “similar completed work” costing not less than the amount equal to 80% of the estimated cost i.e. Rs.10.16 Lakh

Minimum average turnover should be equal to the 100% Total Estimated Cost (Rs. 12.70 Lakh) during the last 3 years, testimonials to be submitted along with tender in Cover — I.

The bidding firm should have a registered office in Assam or any of the North-Eastern States

1. 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.
 - c. Lan Cabling & Networking Works
 - d. Airconditioning Works : Supply & Installation of A.C machines (Split & Cassette Type), Low Site Works related to installation & functioning of A.C Machines

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 Deputy Zonal Manager, Indian Bank, Zonal Office Guwahati, G L PUBLICATION BUILDING, 3rd Floor, Ulubari (Near Hanuman Mandir), Guwahati -781007.

“Similar completed works” mean Composite nature of work comprising of Carpentry ,Electrical & LAN , Air Conditioning 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 13,000.00 (Rupees Thirteen Thousand Only) in favor of Indian Bank payable at Guwahati 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 Carpentry, Electrical, Lan Cabling , A.C and other Allied Works At Indian Bank, NONGPOH BRANCH AT MEGHALAYA

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, NONGPOH BRANCH AT MEGHALAYA

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, A.C and other Allied Works At Indian Bank, NONGPOH BRANCH AT MEGHALAYA**

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 (2021-22, 2022-23 & 2023-24) 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



Sealed tenders as above will be received by the office of Dy. Zonal Manager, Indian Bank, Zonal Office Guwahati, G L PUBLICATION BUILDING, 3rd Floor, Ulubari (Near Hanuman Mandir), Guwahati -781007 up to **15.00 hours on 24.10.2024** and Envelope no.1 (Technical Bid) will be opened on **24.10.2024 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.

Dy. Zonal Manager
Indian Bank, Zonal Office Guwahati
G L PUBLICATION BUILDING, 3rd Floor,
Ulubari (Near Hanuman Mandir),
Guwahati -781007, Assam



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 “**The Dy. Zonal Head, Indian Bank, Indian Bank, Zonal Office Guwahati, G L PUBLICATION BUILDING, 3rd Floor, Ulubari (Near Hanuman Mandir), Guwahati - 781007**” 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 **Guwahati 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 “**The Dy. Zonal Head, Indian Bank, Indian Bank, Zonal Office Guwahati, G L PUBLICATION BUILDING, 3rd Floor, Ulubari (Near Hanuman Mandir), Guwahati -781007** over letter / fax addressed to The Regional Manager on or before the due date of submission of the Tender. **The blank Tender also must be returned to the The Dy. Zonal Head, Indian Bank, Indian Bank, Zonal Office Guwahati, G L PUBLICATION BUILDING, 3rd Floor, Ulubari (Near Hanuman Mandir), Guwahati -781007.** 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 **Guwahati Zonal Office**.
8. The **Guwahati 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 “**The Dy. Zonal Head, Indian Bank, Indian Bank, Zonal Office Guwahati, G L PUBLICATION BUILDING, 3rd Floor, Ulubari (Near Hanuman Mandir), Guwahati -781007** 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 **Guwahati 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. **Guwahati 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 does not bind itself to accept the lowest or any other tender.
3. It will be open to **Guwahati Zonal Office/** Architect to negotiate the terms including the rates quoted with the lowest tenderer. The negotiated price by **Guwahati 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, Guwahati Zonal Office, payable at Guwahati** , 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, **Guwahati 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 **Guwahati 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 **Guwahati Zonal Office/ Architect** such amount that may fall short over the amount due to them, if any.

6. However, if **Guwahati 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 **Guwahati Zonal Office/ Architect** feels the work cannot be completed within the stipulated time, **Guwahati Zonal Office/ Architect** will have the right to terminate the contract by **giving Two days notice** to the contractor, at the full discretion of **Guwahati Zonal Office/ Architect** and the decision of **Guwahati 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 **Guwahati 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. **Guwahati 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 **Guwahati 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 **Guwahati 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 **Guwahati 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 **Guwahati 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. **Guwahati 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 **Guwahati 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 “**Dy. Zonal Manager, Indian Bank.** 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. Guwahati 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 **Guwahati Zonal Office/ Architect** .

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

8. **All payments shall be made only after full completion of the Work and no interim payment in any case whatsoever shall be entertained**

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, **Guwahati 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 **Guwahati 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 **Guwahati 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 **Guwahati 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 **Guwahati 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 **Guwahati 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 **Guwahati 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 **Guwahati Zonal Office/ Architect** .
12. The tenderer should prepare mock-up of the items for the approval of the **Guwahati Zonal Office/ Architect** and as per the advice of **Guwahati Zonal Office/ Architect**, the contractor has to modify the mock-up samples till it meets with the approval of the **Guwahati 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 **Guwahati Zonal Office/ Architect** during the contract period.
14. The tenderer should submit shop drawings for all the items for the approval of **Guwahati Zonal Office/ Architect** before execution of each item of work.

INDIAN BANK, GUWAHATI ZONAL OFFICE, GUWAHATI-781003

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.No RA bill / Interim Payment shall be paid 3. All payments shall be made only after full completion of the Work and no interim payment in any case whatsoever shall be entertained
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,
Guwahati Zonal Office,
Guwahati, Assam

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,
Guwahati Zonal Office,
Guwahati, Assam

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 statues 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**

Special conditions 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. **Guwahati 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, **Guwahati 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 **Guwahati Zonal Office**/ Architect alone has the patent right.
6. The contractor shall take the prior approval from **Guwahati Zonal Office**/ Architect for subletting the job even if the same is to a specialized agency.
7. In case **Guwahati 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 Guwahati 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 PREFERRED MAKE / BRAND ALL WORKS

Sr.No.	LIST OF MATERIALS & SUPPLIERS	SUGGESTED MAKE LIST
1	INTERIOR WORKS	
	Non Asbestos Fibre Cement Wall Board/ A.C Board	EVEREST or equivalent
	Plywood(any Grade)	Century, Greenlam,Duroply,or equivalent
	Block Board(any Grade)	Century Greenlam, Duroply or equivalent
	Particle board	Archidply/Century equivalent ISI make
	Laminate	Century/ Merino/ AICA/Greenlam
	Veneer	Century/ Archidply/ Merino
	Acrylic sheet	ICI, GE or equivalent ISI make
	Adhesive	Fevicol / Araldite/Anchor or equivalent
	Flush Door	Century, Greenply, 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 / 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 / USG Boral
	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 / Century LED / Bajaj / 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, unarmourd, 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
	Modular Switches	ABB/Legrand/MK/ANCHOR/ ELLEYS/ROMA
	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 Blcoks	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/ Ploycab
	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.

COST SUMMARY**INDIAN BANK'S NONGPOH BRANCH AT MEGHALAYA**

SR. NO.	DESCRIPTION	AMOUNT
1	PART-A	
I	TOTAL OF CARPENTRY WORKS	
	TOTAL OF PART A	
2	PART-B	
I	TOTAL OF ELECTRICAL WORKS	
	TOTAL OF PART B	
3	PART C	
	AIRCONDITIONING WORKS	
	TOTAL OF PART C	
4	GRAND TOTAL	

PROJECT NAME - CARPENTRY WORKS OF NONGPOH BRANCH AT MEGHALAYA					
CLIENT NAME- INDIAN BANK, GUWAHATI ZONAL OFFICE					
WORK TYPE- CARPENTRY WORKS					
SR.NO.	DESCRIPTION	UNIT	QNTY	RATE	AMOUNT
A	PART-A (I) : DOOR, PARTITION, COUNTERS, STORAGE, FALSE CEILING				
1	PARTITION WORKS				
	<i>Note :- The rate shall be include of frame work above false ceiling level. Measurement should be taken up to false ceiling level and visible portion only.</i>				
	<i>If 1.0mm thk laminate is not found to be used for partitions, work stations, storages and other areas, then flat deduction of Rs 50/ sft for partition (Both side laminate) and other suitable deductions for tables, work stations, storages and other areas shall be made while settling the Final bill</i>				
	<i>If Locks , drawer channels, handles, Nightlatch etc and other hardware fittings used at the site is found of other make then as specified in the tender Document, then necessary deduction with penalisation shall be made by the architect while certifying the final bill of the contractor</i>				
a	FULL HEIGHT PARTLY GLAZED PARTITION				
(i)	BOTH SIDE LAMINATE	SFT	72.00		
	Providing and fixing partition framing which shall consist of Heavy duty Aluminium Box Sections 50mm x 50mm @ 600mm c/c Horizontally and Vertically . The vertical alternate frames to be fixed to the ceiling with necessary fixtures.The framing shall be fixed with 8/9 mm thk. commercial grade plywood on both side and finished with 1mm Laminate of approved shade and make . Approved make 5/6 mm thick itched Float glass or clear glass fixed with frosted film as per design, to be fixed at an height as mentioned in the drawing or as directed by the architect . The skirting should be as per approved laminate as per drawing and direction. Rate shall be inclusive of necessary hardware items, etc. Complete. The edge beadings with steam beach wood should be finished with melamine Polish.				
(ii)	FULL HEIGHT SOLID PARTITION IN ONE SIDE AC BOARD AND OTHER SIDE LAMINATE (Having Fire Rating of 3Hours for UPS Room)	SFT	172.00		
	Providing and fixing partition framing which shall consist of Heavy duty Aluminium Box Sections 50mm x 50mm @ 600mm c/c Horizontally and Vertically . The vertical alternate frames to be fixed to the ceiling with necessary fixtures.The framing shall be fixed with 8/9 mm thk. commercial grade plywood on one side and 12mm thk aesbostos cement sheet on the other sides and finished with 1mm Laminate of approved shade and make over ply and the other side fixed with A.C board to be finished with pop and paint of approved shade and make . The edge beadings with steam beach wood should be finished with melamine Polish. The rate shall also include providing a fixing of 35mm thk flush door fixed with 3 nos 3inches high S.S Hinges.The Door Shall be panelled on one side with 4mm thk A.C Board finished with POP and paint and the outer side of the door to be finished with approved shade of 1.0 mm thk laminate of approved make. The Door should include all hardware fittings like Mortice lock, Door Closes, Door Stopper, Handle etc all complete.				
	FULL HEIGHT SOLID PARTITION IN BOTH SIDE LAMINATE	SFT	124.00		
	Providing and fixing Full Height Solid partition in aluminium framing which shall consist of Heavy duty Aluminium Box Sections 50mm x 50mm @ 600mm c/c Horizontally and Vertically . The vertical alternate frames to be fixed to the ceiling with necessary fixtures.The framing shall be fixed with 8/9 mm thk. commercial grade plywood on both side and finished with 1mm Laminate of approved shade and make . Approved make 5/6 mm thick itched Float glass or clear glass fixed with frosted film as per design, to be fixed at an height as mentioned in the drawing or as directed by the architect . The skirting should be as per approved laminate as per drawing and direction. Rate shall be inclusive of necessary hardware items, etc. Complete. The edge beadings with steam beach wood should be finished with melamine Polish.				
b.	Semi ht Solid / Glazed Partition	SFT	18.00		
	Specification same as 4 above but of low ht as per the drawing. All external surface and edges to be finish with 1mm thk laminate of approved shade & make. Providing and Fixing inserted Soft board / White boards / Glass maintaining the vertical surface lines and no extra measurements would be taken for the soft boards / white boards / Glass.				
c	FULLY GLAZED PARTITION - WITH TOUGHENED GLASS (AT ENTRANCE AND BM'S FRONT)				

	Providing and fixing of Fixed Glass partition with 10mm thick toughened glass using Standard fittings of above - mentioned makes at the top and grouting at the bottom with U - Shaped Aluminium rails and EPDM gaskets including cutting, making holes in glass and fixing the fittings in floors, false ceiling etc. and making the same good with necessary screw, sealant wherever required. The top fittings to be fitted to the Wooden section fixed above the Gypsum board in the level of GI channels of False ceiling.				
	USING OZONE / HAFFLE / YALE / GODREJ MAKE FITTINGS	SFT	76.00		
2	DOORS				
i	ENTRANCE DOORS - WITH TOUGHENED GLASS (PATCH FITTINGS)				
	Providing and fixing frameless fully glazed 12mm thk toughened float glass fixed with necessary patch fittings(Dorma make) including cutting, making holes, cutouts in the glass of required shape and size to accommodate fittings and fixing the fittings in floors, soffits, jams including necessary fixtures, screws, sealant wherever required and SS cover over patch fittings. Rate shall include necessary etching film / LOGO, approved patch fitting locking systems, 1 pair of 12" long S. S. (C Shape) Handles of approved make, floor springs, and any necessary hardware items.(ABOVE MENTIONED MAKES Top Pivot , Top Patch Fittings, Bottom Patch fittings , Floor Spring , Corner lock with strike plate and Euro Profile Cilinder, C Shape Handle 25mm dia X 300mm length)				
a	DOORS - WITH OZONE / HAFFLE / YALE / GODREJ MAKE FITTINGS	SFT	45.00		
	Note- If only Aldrope with handle is provided instaed of Mortice/ Cylindrical lock as per the BOQ specifications with Door Closes, Stopper etc, then necessary deduction as deemed suitable by the architect shall be made				
ii	PARTLY GLAZED/ SOLID FLUSH DOOR (Without door frame) FINISHED ON BOTH SIDES/ ONE SIDE WITH				
	Providing and fixing in position 35mm thick solid core flush door shutters conforming to IS 2202 with/ without(as per design) 6mm thick plain Clear Glass(vision panel) finished with frosting film of approved make as per design and pattern. The shutter is to be finished with 1.0mm thk laminate of approved shade and make on both the sides. All edges should be finished with Second Class Teak Wood lipping (minimum thickness 12 mm) with three or more coats of melamine polish. The glass shall be fixed with the flush door shutter by using suitable beading from both sides made out of second class teak wood. Rate shall include the cost of all approved quality hardwares required like nails, screws, handles, Mortice / Cylindrical lock, heavy duty hinges, Door Closer, door stoppers etc. in case of veneer partition, the rate shall be inclusive of melamine polish of 2-3 coats or further as per the satisfaction of the architect/ engineer incharge, so as to achive a glossy finish without any marks on the surface. Item to be completed in all respects as per drawings & instructions from EIC /Architect.				
a	WITH BOTH SIDES LAMINATE	NOS	5.00		
b.	WICKED DOOR 4'-0" HIGH WITH 19MM THK PLYWOOD FINISHED WITH LAMINATE ON BOTH SIDE	SFT	10.00		
3	COUNTERS				
i	LINEAR WORK STATIONS (RUNNING COUNTER)-1050 MM WIDTH (WITH CUSTOMER LEDGE)	RFT	9.5		
	Providing and fixing a <u>Clerical Desk/ Linear Work Station</u> as per the width as mentioned above. Each top shall be provided with a pedestal (set of three drawers with central locking system either movable or fixed to the table), 1.no metal computer key board tray as per architect's design fixed with telescopic /double (haffle/albihari/solo make) sliders ,a 3" dia PVC wire manager of approved quality near the CPU/Monitor position as shown in the drg. 1 no Metal CPU Trolley to be provided below the desk as shown in the drg and a foot rest under the table as per design. All the inner surfaces shall be finished with Laminate finish of approved shade. Rates shall be inclusive of all necessary approved fittings like locks(godrej/vijayan make) for drawers and any misc. hardware items It shall consist of 3/4" thk. Comm. Ply Table top as per design (double edge on the front and back with 1 1/2" thk half round moulding on the edges) supported on 3/4" thk. Comm. Ply verticals at every 4'-6" length. Suitable (as per Architects design) wooden moulding with mellamine shall be provided to the edge of the top. The top of the counter should be finished with 1.0mm Laminate and all other external surfaces to be finished in 1.0 mm. Thk. Laminate (suede finish)of approved make.The counter should be provided with 12mm thk frosted glass (Frosting as per approved design or as directed by the architect) supported on false post & fixed with S. S. D-Clips A foot rest made out of 19mm thk plywood as per the design or as directed by the architect shall also be provide below the counter.Rates shall be inclusive of all necessary approved fittings like locks(godrej/vijayan make) for drawers and any misc. hardware items				
ii	CASH COUNTER 1650 mm x 1950 mm , with partitions ,Rear Door etc. all complete	NOS	1		

	<p>Providing and fixing Cash Counter in Laminate finish of clear internal dimension 5'-6" X 6'-6" all complete with glazed partition in 12 mm thk itched glass as per design in front including rear doors fixed with Godrej Make Night Latch, The counter shall be provided with a table top of 2'6" deep of 1 1/2" thk and finished with laminate of approved shade. The counter shall comprises of a Metal key board Tray, Metal Cpu Trolley, Wire Manager etc.A drawer unit comprising of three drawer set shall be fixed with the counter or as directed by the architect. The drawer unit shall have a central locking arrangement and the lock should be of godrej make. Rates shall be inclusive of all hardware fittings like locks, handles, hinges, telescopic channel etc as required. A foot rest made out of 19mm thk plywood as per the design or as directed by the architect shall also be provide below the counter. provision should be made on side by providing a niche of size 6" x 6" on sides of counter for boucher passing.<u>NOTE- Rates shall be inclusive of all glazed partition of maximum height 7'-0" from FFL on sides and back and no claim of partition in cash cabin will be entertained extra.</u></p> <p>i)Working top made with 25mm thick plywood finished with 1mm thick laminate. Outside edge of the working top shall be provided with 1¼"X1" Teak Wood moulding finished with melamine polish. Inside edge will be provided with ½ "x1" T.W. beading patti with melamine polish.ii)Vertical facia (Apron) made with 18mm thick plywood finished with 1mm thick laminate with 1mm thick groove at the joint of laminates of two different shades.</p>				
	<p>iv)1'-0" height solid partition over working top and fixed with a ledge(transaction top) made in 19mm thk plywood and flexi ply and finished with 6mm thk Corian of approved shade and make @3'-6" from finished floor lvl (Mirror Polished) rounded and taken below as apron with necessary grooving for strip light as per design.The ledge should be such that it is projecting 4" inside the counte and 8" outside the counter and rounded and taken down to 2'-6" above Finished floor level on customer side v) A gap of 4"should be left above the transaction top (all along the width of the teller counter) vi)Glazed partition having height 1'.0" above the transaction top (in facia) and also above 4" clear gap shall be provided with 12 mm thick glass (itched) as per drawing. The edges of cut out and the top edge of glass are to be mirror polished and to be fixed to partition as per fixing details and to boxing with concealed S. S. finished 'D' brackets as shown in the drawing. vii)FULL Glazed (IN FRONT, SIDES AND BACK till 6'-0" lvl from ground level) partition provided with 12mm thick glass (itched) above the slit to be fixed to partition as per fixing details and to boxing with concealed S. S. finished 'D' brackets as shown in the drawing. . The exposed edges shall be finished in mirror polish.ix)Telescopic CPU Stand/ ready made Keyboard tray shall be provided of approved model and make.x) Footrest made with T.W. member of size 4"X1 ½ " finished with french polish.</p>				
	<p>xi) Drawer units as per drawing shall be provided and each drawer should have vertical partitions for keeping the currency notes and multipurpose Godrej locks. Facia of drawer unit shall be finished with 1mm thick laminate and all other sides shall be finished with white enamel paint. The drawers will be provided with handles (Stainless Steel finish) and channels as per approval of the Project Consultant / Bank.xii) Boxing as per drawing made with 12mm thick plywood finished with Synthetic enamel paint shall be provided below the table top for electrical conduiting and at the bottom for the LAN cabling/Telephone wire conduiting.<u>The item to include all necessary hardware and fittings in Stainless Steel finish.. Necessary beadings with matching melamine polish for fixing the glass are to be provided as per drawing/ as directed.Rates shall also be inclusive of Doors with Godrej Night Latch for Cash counters</u></p>				
	<p><u>Note- Places where one side of the Cash Counter is attached to wall, then the same wall surface should be done with full ht panelling and the rate quoted for the cash counter shall be inclusive of the same. If panelling is not done on the same wall inside the Cash Counter then necessary deduction shall be made for that area as per the quoted rate of panleing works.</u></p>				
4	STORAGES				
1	LOW HT RUNNING STORAGE (1'-6"DX2'-6"HT) (BACK CADENZA)	SFT	68		
	<p>Providing and laying low ht Storage unit of sizes as mentioned above. They shall consist of 3/4" thk plywood for top, base and sides and base 1/4" thk marine plywood, 3/4" thk plywood shutter with self closing hinges of haffle make(full ovel open) & PVC lipping matching with the approved shade of laminate on all the edges. All external surfaces shall be finished with 1.0mm thk laminate of approved shade and make. Divisions of the shutter shall be make equally according to the length of the storage. A 3/4" thk fixed ply wood shelf on battens shall be provided @16" intervals from the base. Suitable wooden moulding (as per Architects design) with mellamine polish shall be provided to the edges of the storage top. All inner surfaces including shutters shall be finished with natural french polish. Rates shall be inclusive of all necessary approved fittings like hinges(haffle make), locks, 3" long brushed finish handle, tower bolts and any other misc hardware items of approved make</p>				
2	SHUTTER BOXING	SFT	18		

	Providing and Fixing Shutter Boxing with 19mm thk Marine Ply and Finished with Aluminium Composite Panel. The boxing of shutter should be made openable type for periodic maintainance. Note the mode of measurement would be the multiplication of the length and the height of the boxing				
3	OVER HEAD STORAGE IN PANTRY ONLY	SFT	0.00		
	Providing and fixing over-head storages which consists of 3/4" thk plywood shutter with self closing hinges of haffle make(full ovel open) & t.w lipping matching with approved laminate on all the edges. They shall consist of 3/4" thk plywood top , sides and bottom and 1/4" thk marine plywood back. A 3/4" thk ply wood palmet shall be provided below the storage to house the tube light. All the external surfaces shall be finished with 1.0mm thk laminate of approved shade. Divisions of shutter shall be made equally in accordance to the length of the storage. All internal surfaces shall be finished with french polish including the shutter. Rate shall be inclusive of all necessary hardware fittings of approved make like- hinges, locks, towerbolts, handles etc.Note- the pelmet for tubelights will not be considered as seperate item on in the measurement				
4	FULL HT. STORAGE	SFT	240.00		
	Providing and fixing storage units of full height as per drwng. They shall consist of 18mm thk.comm. ply top, sides,back, bottom, shelves and shutters. The bottom of the storages shall be at 3" from FFL. The top of storages shall touch the false ceiling level or 7'-0" ht. The shutter with box type higes of approved make & steam beach lipping finished with melamine with approved laminate on all the shutter edges. Division of the shutters shall be made equally according to the length of the storages (as approved by Bank/ architect). All the external surfaces shall be finished with 1.0mm thk. Laminate (suede finish) of approved make. 18mm thk. Comm. Ply shelves removable type supported on side steam beach wood battens on both sides at 16" interval (approximately / divided equally) shall be provided. All inner surfaces shall be finished with laminate including the shutters. Rate shall be inclusive of all necessary approved fittings like hinges, locks, 150mm long SS brushed finish handles,tower bolts, locks and any necessary hardware items. The top ply edge should be fitted with 19mm x 7mm size steam beach moulding finished with melamine.				
5	FALSE CEILINGS				
6	GYPSUM BOARD CEILING WITH POP PUNNING AND PAINT	SFT	360		
	Providing and fixing 1/2" thk Gypsum India Board false ceiling at levels as shown in the drg. From the FFL. Rate shall be inclusive of all Gypsum India Components contained G.I perimeter channels of size 0.55 thk having one flange of 20mm and another flange of 30mm and a web of 27mm along the perimeter of the ceiling, screw fixed to brick wall/partition with the help of nylon sleeves and screws at 610mm centres. The suspending G.I intermediate channels of size 45mm, 0.9mm thk with two flanges of 15mm each from the soffit at 1220mm centres with ceiling angles of width 25mm x 10mm x 0.55mm thk fixed to soffit with G.I cleat and steel expansion fastner at every 610mm c/c. Ceiling sections of 0.55mm thk having knurled web of 51.5mm and two flanges of 26mm each with lips of 10.5mm are then fixed to the intermediate channel with the help of connecting clip and in directions perpendicular to the intermediate channel at 457mm centres. 12.5mm tapered edge Gypboard is then screw fixed to ceiling section with 25mm drywall screws driver or drilling machine with suitable attachment. The board are to be jointed and finished so as to have a flush look which includes filling and finishing the tapered and square edge of the boards with jointing compound & jointing paper tape. Rate shall be inclusive of any vertical ceiling part, cutouts for spot and tube lights, a.c grills, fire and security system cutouts. All Sections should adhere to the manufacturer's guidelines . Rate shall also be inclusive of POP punning over all ceiling cover up all joint and marks of the jointing tape etc. and then finally finishing the same with 2-3 coats of Luster paint of approved shade and make over the finished surface of the ceiling				
	Note- Rates shall be inclusive of The drop/band of 6"-12" between the gypsum(at lower level) and Armstrong(at heigher level). No extra can be claimed for the same. Amount will be paid as per the measurement of the horizontal surfaces of Gypsum and Armstrong and nothing will be paid for vertical surface / band/ drop as it is all inclusive				
7	MODULAR FALSE CEILING- ARMSTRONG make	SFT	412		

	Providing and fixing Armstrong (Fine Fissured Micro Look with Tagular Edge using 15mm grid sections) false ceiling of size 24" X24" AT LEVELS AS SHOWN IN THE DRG. FROM THE FFL. Rates shall be inclusive of providing the total system with installation etc. The contractor has to maintain all ceiling tiles in good order and replace the defective tiles (at his own cost) before the handing over of the site.				
	<u>NOTE- If any other local or un specified make of Grid ceiling is found/ used at site then necessary deduction with penalisation subject to no payment or bare minimum payment shall be made for this item of work</u>				
B	PART-B (I) : TABLE, WORKSTATIONS, CHAIR & SOFA				
1	TABLES & WORK STATIONS				
i	OFFICER'S TABLE (5'-0" x 2'-6" x 2'-6" ht)	NOS	1		
	Providing and fixing a desk of overall size of top as mentioned. It shall consist of 3/4" thk plywood top as per design(double edge on the front and the back with 1 1/2" thk half round moulding on the edges) supported on 3/4" thk plywood verticals. Suitable (as per architect's design) wooden moulding with mellamine polish shall be provided to the edges of the top. A 3/4" thk plywood apron shall be provided as per architect's design with necessary pattern. The table top shall be finished with 1.0 mm thk laminate of approved shade and all external surfaces to be finished with 1.0mm thk laminate of approved shade. Each top shall be provided with a pedestal (set of three drawers with central locking system either movable or fixed to the table), 1.no metal computer key board tray as per architect's design fixed with telescopic /double (haffle/albihari/solo make) sliders ,a 3" dia PVC wire manager of approved quality near the CPU/Monitor position as shown in the drg. 1 no Metal CPU Trolley to be provided below the desk as shown in the drg and a foot rest made out of 19mm thk plywood as per the design or as directed by the architect shall also be provide below the counter. All the inner surfaces shall be finished with Laminate finish of approved shade. Rates shall be inclusive of all necessary approved fittings like locks(godrej/vijayan make) for drawers and any misc. hardware items				
ii	CLERICAL TABLE (2'0" x 4'-0" x 2'-6" ht)	NOS			
	Specifications same as above but of overall size as mentioned here				
iii	MANAGER'S TABLE(2'-6" X 6'-0" X 2'-6") WITH 6MM THK CLEAR GLASS WITH POLISHED EDGES ON	NOS	1		
	Providing and fixing a desk of overall size of top as mentioned. It shall consist of 3/4" thk plywood top as per design(double edge on the front and the back with 1 1/2" thk half round moulding on the edges) supported on 3/4" thk plywood verticals. Suitable (as per architect's design) wooden moulding with mellamine polish shall be provided to the edges of the top. A 3/4" thk plywood apron shall be provided as per architect's design with necessary pattern. The table top shall be finished with 1.0 mm thk laminate of approved shade and all external surfaces to be finished with 1.0mm thk laminate of approved shade. Each top shall be provided with a pedestal (set of three drawers with central locking system either movable or fixed to the table), 1.no metal computer key board tray as per architect's design fixed with telescopic /double (haffle/albihari/solo make) sliders ,a 3" dia PVC wire manager of approved quality near the CPU/Monitor position as shown in the drg. 1 no Metal CPU Trolley to be provided below the desk as shown in the drg and a foot rest made out of 19mm thk plywood as per the design or as directed by the architect shall also be provide below the counter. All the inner surfaces shall be finished with Laminate finish of approved shade. Rates shall be inclusive of all necessary approved fittings like locks(godrej/vijayan make) for drawers and any misc. hardware items				
iv	SIDE CADENZA				
	Providing and laying side cadenza of above sizes and as mentioned in the drawing.It shall consist of 3/4" thk plywood top, side and bases and 1/4" thk back. The edges on th top shall be provided with suitable(as per architect's design)wooden moulding with melamine finish.A pair of 3/4" wood shutters will be provided which will slide on 1" x1" wooden battens above skirting. 1" a3/8" deep vertical depression shall be made on each shutters to act as handle as shown in the drawing. All external surfaces should be finished in 1.0mm laminate of approved shade and make. A 3/4" thk fixed ply wood shelf on battens shall be provided at 16" intervals from the base.Rates shall be inclusive of necessary approved fittings like sliding rollers, locks, tower bolts and any other misc. hardware items				
(a)	SIZE - 1050MM X 400MM X 750MM (For BM only)	NOS	1		
(b)	SIZE - 975MM X 400MM X 750MM	NOS	1		
v	BACK OFFICE RUNNING COUNTER FOR SUB-STAFF	RFT	5.5		

	Providing and laying wall mounted Plain Table for Substaff with a Pencil Drawers for over all size of top as mentioned above. It shall consist of 3/4" thk. Comm. Ply top as per design (double edge on the front and back with 1 1/2" thk half round moulding on the edges) supported on 3/4" thk. Comm. Ply verticals at every 3' length. Suitable (as per Architects design) wooden moulding with mellamine shall be provided to the edge of the top. The top of the counter should be finished with 1.0mm Laminate and all other external surfaces to be finished in 1.0 mm. Thk. Laminate (suede finish)of approved make.				
vi	WALL MOUNTED WRITING TABLE 0'-10" TO 1'- 0" WIDE	RFT	4		
	Providing and Fixing wall mounted writing ledge as per design. The top shall be made of 19 mm thk plywood and finished with 1.0mm thk laminate, of approved shade and make. The ledge shall be provided with 10" high plywood selves with necessary partitions in between made out of 19mm thk plywood and finished with laminate of approved shade. Ledge should be supported on 19mm thick comm. ply on rear side for fixing to the wall. The bottom ply piece to be supported additionally with 2 Nos. of SS Brackets.				
C	PART-D (REVENUE) : BLINDS, SUGGESTION BOX, FROSTED FILIMS, MIRROR, COLUMN PANELLING, ACRYLIC FRAMES				
1	PANELLING ON COLUMNS/WALLS/DOORS WITH/ WITHOUT FRAMING				
i	IN PLYWOOD FINISHED WITH LAMINATE FINISH	SFT	460		
	Providing and fixing panelling on walls/ columns with or without framing as per the directions of the architect. Framing if required and provided, shall consists of aluminium sections 50mm x 40mm(wall thickness 2mm) @ 2'-0" c/c both ways horizontally and vertically on the wall. The framing would be covered with 1/4" thk plywood finished in approved shade of laminate of thickness 1.0mm. Wooden moulding, lipping etc as directed by the architect shall be provided wherever required. The panelling should be done in such a way that it can house the sliding folding partition when fully opened and remain in flush with the panelling				
2	NOTICE BOARD	SFT	12		
	Providing and fixing notice board size as required/ directed (matching with the panel of the cabin) with openable shutter on the front. Made out of 19mm thick Steam beech veneered block board frame and outer frame in 2 1/2" x 1 1/2" Steam beech wood section , concealed hinges , locking arrangement , and glass of (5.5mm thick) with rear panel of SITATEX board , covered with fabric of approved shade. (Basic rate Rs.100/-per mtr , 48" width), fixed to back ply 6mm thick . All complete including melamine polish in stain of required shade. All complete as per approval of the Architect / employer				
3	COMPLAIN BOX & SUGGESTION BOX	NOS	1		
	Supplying and erecting free-standing complain box of overall size 300 mm long x 200 mm deep x 450 mm high made of 19 mm thick phenol formaldehyde block board, all as in drawing, complete with hardware fittings and fixtures of approved make and quality.Top and all exposed surfaces of block board are to be finished with 1.00 mm thick laminate sheet of approved shade and quality. Inner faces of block board surfaces are to be finished with minimum two coats of synthetic enamel paint of approved shade and quality over a coat of approved primer.				
4	CHEQUE DROP BOX	NOS	1		
	Supplying and erecting cheque drop box (overall size 450 mm x 300 mm x 750 mm) made of 19mm thick phenol formaldehyde bonded plyboard and the curved portion at top made out of 90 mm x 90 mm C.P teak wood section. A slit opening of 10 mm x 150 mm is to be provided at the top of the box. An openable shutter of 259 mm x 262 mm size made of 19 mm thick phenol formaldehyde bonded block board is to be provided at 1.50 mm above finished floor level. All the exposed timber surfaces including all free edges are to be finished with 1 mm thick laminate sheet of combination shade .Inner faces of block board surfaces are to be finished with minimum two coats of synthetic enamel paint of approved shade and quality over a coat of approved primer.Rate to include cost of necessary hardware fittings e.g. brass hinges, lock, knob etc. of approved designand quality.				
5	COLOURED ACRYLIC SHEET LOGO FOR THE BANK, (BACK LIT) OVERALL SIZE 450MM X 450 MM-	NOS	1.00		
	Supplying , fabricating and installation of BOB's Logo made of coloured acrylic sheet 5-6mm thk in box section, and as per the sizes as mentioned in the detailed drawings . This Coloured Acrylic sheet box logo should be fixed with light from inside so as to have a back lit , as per the direction of the architect.				
6	VERTICAL BLINDS	SFT	140.00		
	Supplying and Fixing VERTICAL BLINDS Vista/Mac/Parytex make. Blinds made using 100% polyester with acrylic polymer coating, of the shade and colour as approved by the Arcitect/ Bank ffficial(only for external windows. In case of front facia necessary approval need to be obtained)				
	GRAND TOTAL				

BOQ FOR ELECTRICAL WORKS FOR NONGPOH BRANCH AT MEGHALAYA

CLIENT NAME- INDIAN BANK, GUWAHATI ZONAL OFFICE

WORK TYPE- ELECTRICAL WORKS

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GENERAL NOTE

- 1 UPS input and Output wiring should be done with FRLS Insulated stranded copper conductor laid through M.S Conduit. (From
- 2 All wires for circuit wiring and other wiring should be drawn inside M. S. Conduits Only unless otherwise specified
- 3 Specifications of all wires should be followed strictly as mentioned in the BOQ
- 4 All makes of materials should be strictly followed as mentioned in the detailed specifications of the Tender document
- 5 Earthing Test Certificate should be provided alongwith the Final bill for further bill verification
- 6 Single Line diagram showing the all the wiring including point wiring, computer and RAW power wiring, Circuit wiring etc. all
- 7 Only DATA and Voice point wiring is allowed to be carried out through PVC Conduits

PART A: ELECTRICAL WIRING, CABLING, DATA & TELEPHONE WIRING

Sl. No	Description	Unit	Qty	Rate	Amount
1	<p>S.I.T.C. of Factory Manufactured Single/ 3 Phase & Neutral Double Door Distribution board made out of 16 SWG sheet steel enclosure with cutouts for operating MCB/MCCB/RCCB etc. knobs & consisting of Phase, Neutral & Earth Busbars with tapped holes , phase barriers, & covers with removable plates on Top & bottom for Incoming & Outgoing Cables . D.B.'s shall be flush mounting type for both single & three phase.</p> <p>S.I.T.C. of 3 phase & N 4 way Double Door Vertical Distribution Board with following</p> <p>4 Pole ,Type C, 63Amp M.C.B. as Incomer - 1 no.s</p> <p>SP ,Type C, 25 Amp M.C.B -1 no. For RAW POWER DB INPUT (Water Dispenser & Mobile Charger Load)</p> <p>SP,Type C, 25 Amp M.C.B -2 no. For LIGHT DB & RAW POWER DB INPUT</p> <p>SP,Type C, 25 Amp M.C.B-1 no. For U.P.S. Incomer (3-4 KVA UPS WILL BE USED)</p> <p>S.P.,25 Amp MCB -1 no. For Inverter Input</p> <p>S.P. 20 Amp MCB - 2 Nos For AC</p> <p>S.P. 25 Amp MCB - 2 no.s For AC</p> <p>Blanking Plates - 2 nos.</p> <p><u>Note- Rates Shall be inclusive of S.I.T.C. of 4 X16 Sq.mm. F.R.L.S. Copper Flexible wires with 2 X 10 Sqmm Copper Earth Wires in Rigid PVC conduit from 100 A MCCB in Metal Box (Metering Cabinet) at the output of Br. Meter to Main DB through</u></p>	No.	1		
2	<p>MAIN SWITCH</p> <p>Supply and fixing of following MCCB Unt with MCCB in sheet steel enclosure on M.S. angle frame / M.S. legs on wall complete with interconnection, mending good damages to original finish, painting, etc. as required.</p> <p>a)63A 4P 16KA MCCB</p>	No.	1		
3	<p>MCB DISTRIBUTION BOARD</p> <p>Supplying, installation, testing and commissioning of surface/recess mounting, 220/415 volts prewired MCB distribution boards with all switchgears as specified below, of sheet steel, dust protected, duly phosphatized and powder painted, inclusive of 200 amps tinned uniformly rated electrolytic copper bus-bar, common neutral link, earth bar, din bar for mounting MCB/MCCB/RCCBs detachable gland/knock out plates and with built in loose wire box, and superior make terminal connectors for all incoming and outgoings circuits, duly prewired with adequate size of FR PVC insulated copper conductor upto the terminal connector/neutral link and ready for installation as specified below:</p>				
3.1	<p>S.I.T.C. Of L.D.B. [MCBDBL] (LIGHT DB)</p>				
a	<p>Light DB- S & I of 6 Way SPN, DB for distribution to all Light points of different areas (as indicated in the circuit diagram), having below mentioned switchgears (Earth bar inside these DB should be insulated from the body) - 1 no 25A(30mA) DP RCCB as incomer , 4 nos 6A SP MCB as outgoing</p> <p><u>Note- Rates Shall be inclusive of S.I.T.C. of 3X 2.5 Sq.mm. F.R.L.S. copper flexible wires in 19/20 mm. Medium Guage PVC conduit from Main D.B To L.D.B</u></p>	No.	1		

b	S.I.T.C. Of P.D.B. [MCBDB-POWER] (Raw Power DB)				
	S.I.T.C. of Single Phase 6 way Double door D.B. with Incomer. Double pole 100 Milliamp & 40 Amp R.C.C.B. - 1 No . 10 Amp S.P. Amp M.C.B. - 3 No and 10 A/16 A MCB- 1 Nos Spare (One MCB for Branch Sign Board). with all wiring connections.(Max. 2 work-Station Points to be looped on one MCB, 3 nos. in exceptional case.)	No.	1		
	<u>Note- Rates Shall be inclusive of S.I.T.C. of 3 X 4 Sq.mm. F.R.L.S. Copper Flexible wires in Rigid PVC conduit from Main DB to Power DB</u>				
c	U.P.S. D.B. : (Output) [MCBDB-UPS/1]				
	S.I.T.C. of Single Phase 6 way Double door D.B. with Incomer. Double pole 63 Milliamp & 40 Amp R.C.C.B. - 1 No . 10 Amp S.P. Amp M.C.B. - 3 No and 10 A/16 A MCB- 1 Nos Spare (One MCB for Branch Sign Board). with all wiring connections.(Max. 2 work-Station Points to be looped on one MCB, 3 nos. in exceptional case.)	No.	1		
	<u>Note- Rates Shall be inclusive of S.I.T.C. of 3 X 4 Sq.mm. F.R.L.S. Copper Flexible wires in Rigid PVC conduit from Main DB to MCBDB-UPS-1. (body to be earthed)</u>				
d	S.I.T.C. Of ACDB [MCBDB- AC]				
	Supply Installation Testing and Commissioning of Three Phase 4 way Double door Distribution Board with all wiring connections. Incomer : - 40A FP RCCB (100mA) : - 1 No. Outgoing : - 6A SP MCB : - 18 Nos.	No.	1		
	<u>Note- Rates Shall be inclusive of S.I.T.C. of 4 x 6.0mm² + 2x4.0 mm² F.R.L.S. copper flexible wires in 19/20 mm. Medium Guage PVC conduit from Main Panel To Lighting DB</u>				
e	DG Set Accessories:				
	4 Pole 63 Amp Manual Changeover Switch For Mains to D.G. supply switching (If D.G. Back-up is provided)	No.	1		
	<u>Note- Rates Shall be inclusive of S.I.T.C. of 4 X16 Sq.mm. F.R.L.S. Copper Flexible wires with 2 X 10 Sqmm Copper Earth Wires in Rigid PVC conduit from DB to the Changeover switch</u>				
f	S.I.T.C of UPS Input and Out Put Point as under- 40A FP MCB with IP 45 Enclosure (For UPS input & output, for 2 Nos UPS)	No.	5		
	<u>Note- Rates Shall be inclusive of S.I.T.C. of 4 x 6.0/10sqmm+ 2x4.0 sqmm F.R.L.S. copper flexible wires in 19/20 mm. Medium Guage PVC conduit</u>				
4	POINT WIRING				
4.1	Supply & Installation of concealed point wiring using 3 x 1.5 sqmm stranded FRLS copper conductor in M.S Conduit including the cost of circuit wiring from the relevant DB's with 3x 1.5 sq mm stranded FRLS copper conductor in M.S Conduit . PIN GRIP Lugs should be used for connection/ terminations at both the ends with proper colour coding of phase, neutral and earth wire (Phase R,Y,B Neutral-Black & Earth - Green Colour). The rate shall also include concealed M.S Box, Cover Plate and Switches of grid plate type switches and sockets of approved shade and make as approved by Bank / Architect. Each circuit should not have more than 8 points / 800 W in one loop as per the following configuration.				
a (i)	Primary light points including the cost of 6A switch	Pts	26		
(ii)	Primary light points including the cost of 6A switch in UPS Power	Pts	8		
b	Secondary light points looped from the above point - a(i)	Pts	11		
c	6A plug point as primary point. [SO]	Pts	2		
d	Secondary 6A Plug point on switch board. [SO]	Pts	2		
e	16A Plug Point directly taken from DB for hotplate/geyser / zerox / fridge [P]	Pts	3		
f	Exhaust fan/ Wall Fan point consisting of 6A socket near fan and switch on light switch board	Pts	10		
g	Ceiling fan point with electronic regulator (2 module step, 100 watt (min.)	Pts	2		

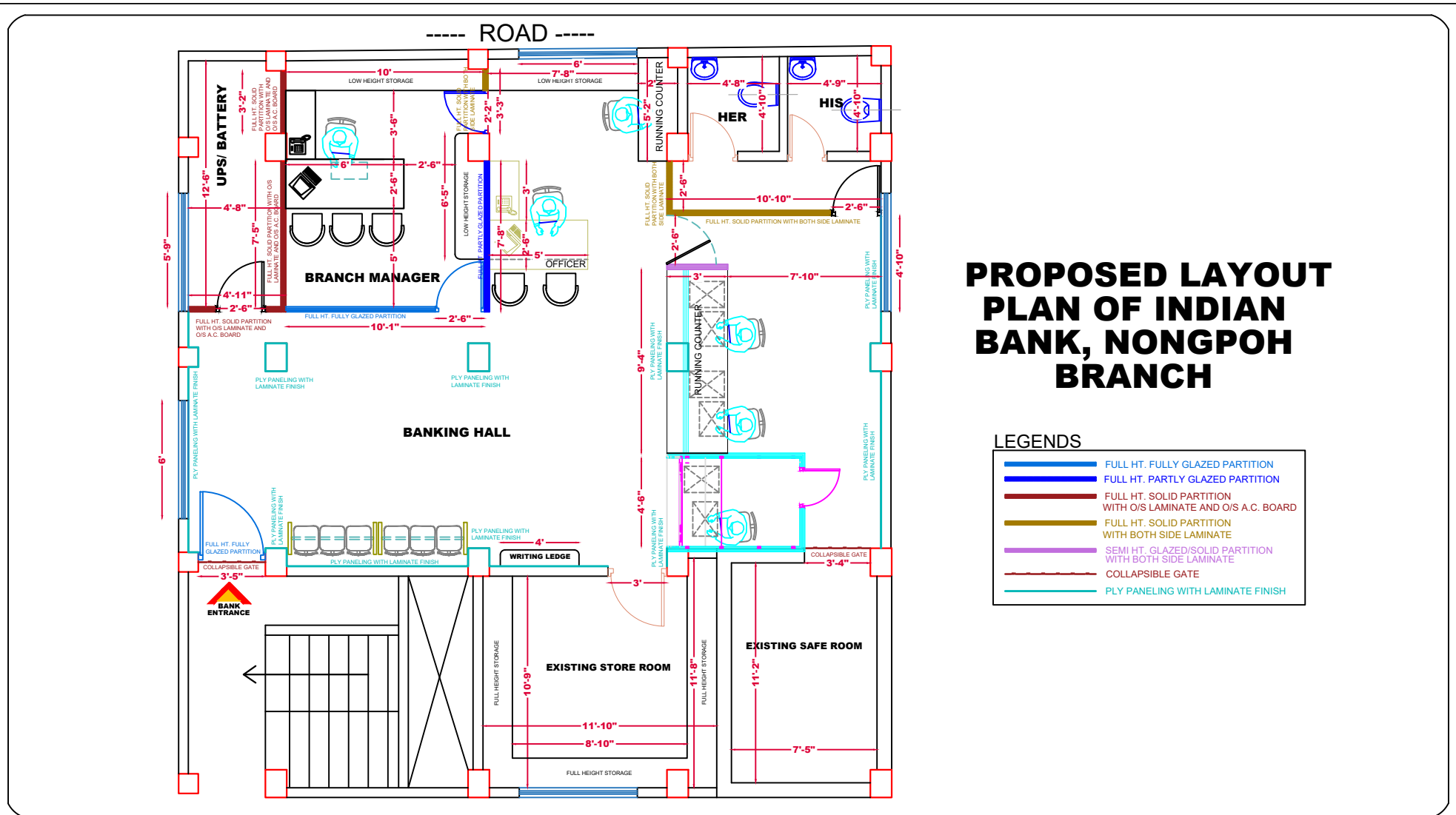
h	Wiring for Signages with 2R x2.5 Sq.mm and 1 Rx 1.5 Sq.mm, PVC insulated copper conductor flexible cable to be connected to the SPN D/D consumer along with a Timer and Contactor unit installed in Electrical Room room	Set	1		
i	S.I.T.C. of call bell with bell point .	Nos.	1		
4.2	COMPUTER/ RAW POWER WIRING				
	Note- All sockets should be placed below the workstations as mentioned in the drawings but the controlling switch should fixed above the work stations and at place as directed by the architect				
a	Supply & Installation of concealed UPS or stabilized power plug points on workstations / table for computers using 3 x 1.5 sqmm stranded FRLS copper conductor in <u>M.S Conduit</u> including the cost of circuit wiring from the relevant DB's with 3 x 4.0 sq mm stranded FRLS copper conductor in <u>M.S Conduit</u> . PIN GRIP Lugs should be used for connection/ terminations at both the ends with proper colour coding of phase, neutral and earth wire (Phase R,Y,B Neutral-Black & Earth - Green Colour). Each point shall consist of 2 Nos of 6A/16A 2 / 3 Pin sockets and 1 No 16A switch, wired together forming one point. Switches and sockets to be of approved shade and make. (Only 2 tables served by one circuit from UPS DB/ Not more than 2 points shall be permitted per loop) Cost is inclusive of necessary cutting the walls/ partitions and carrying all the wires through <u>M.S Conduit</u> and againg finishing the walls with Putty/ Cement/ POP to receive the final paint.. [SOC]	Pts	7		
b	S & I of points similar to above but to be used as raw power point on the tables consisting of one 6/16A socket with switch of other color and flexible cable of black color & circuit taken from Raw Power DB (4 tables served by one circuit from LDB/PDB) Taken Above False ceiling and through walls/ partitions inside M.S. Conduits as raceways are not provided. Cost is inclusive of necessary cutting the walls and including M.S. Conduits as required for taking the wires.	Pts	6		
c	1 Nos of 6A sockets/SWITCH with one No. of 6A switch.. UPS Power/Raw Power ON CASH COUNTER	Pts	1		
d	1 No of 6A/16A switch sockets 6pin. Raw Power/Raw power FOR PRINTERS/ XEROX & OTHER UTILITIES,	Pts	2		
5	EARTHING (1 NO FOR RAW POWER AND 1 NO FOR UPS POWER SUPPLY)				
5.1	Earthing with copper earth plate 600 mm x 600mm x 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal or coke and salt complete as required. (for panels, servo stabilizer and IT system)The rate shall be inclusive of necessary 8 SWG dia copper wire on surface or in recess for loop earthing as required.	Each	2		
	Note- Test Certificate for Earthing Shall be submitted with final bill for processing of final bill for payment				
6	LAN ACCESSORIES				
6.1	Supplying, laying and termination of 4 pair Copper solid, twisted pair G600 CAT--6 cables through specified dia MS conduits / raceways. Cables must meet and exceed category 6/ class E standards requirements in ISO/IEC11801, CENELEC EN50173 & TIA 568-B2-1. and providing & terminating with RJ-45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminating other end with RJ-45 connector including numbering with ferule. Note- Rates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description.				
a	Outlets with Back Box & Single Face Plate & Termination Of LAN Cable etc. of Compscope/ D'Link Make (Including One extra in BM and 1 No for CCTV)	Nos	2		
b	Same as above but with Double Face Plate & Termination Of LAN Cable etc. of <u>Compscope/ D'Link Make</u>	Nos	6		
6.2	Testing, Labelling, scanning of I/O Nodes & submission of report.	Nos	14		
6.3	S.I.T.C. of 24 port Fully loaded Jack Panels	Nos	1		
6.4	S.I.T.C. of 3 Ft. Factory Crimped Mounting Cords Same Makes as in Item no b.	Nos	14		
6.5	S.I.T.C. of 7Ft. Factory Crimped Mounting Cords .Same Make as Item No b.	Nos	14		

6.6	S.I.T.C. of VALRACK/PRESIDENT etc Network Rack of required capacity with proper dressing of cables	Nos	1		
7	A.C. POINT WIRING				
	20A AC Points consisting of 16A socket near the AC and Switch on Switch Board with 3 x 6 sqmm stranded FRLS copper conductor in M.S Conduit . Rates Shall be inclusive of S.I.T.C. of 4 x 6.0mm ² + 2x4.0 mm ² F.R.L.S. copper flexible wires in 19/20 mm. Medium Guage MS conduit from ACDB till the socket	Nos.	4		
PART B: ELECTRICAL FITTINGS & FIXTURES					
LIGHTING FIXTURES (Bajaj or equivalent)					
1	S & I of lighting fixtures as per the details given below including necessary hardware such as clamps,nuts, bolts, nails, screws and suspension chains as required for fixing the fixtures in position as directed by architect / Consultant.				
a	DOWN LIGHT - Round LED recess-mounted designer panel with aluminium die cast housing , Item Code- BAJAJ BGSLO SLEEK 18W WH RD , Wattage-18W, CCT- 4000 K, or equivalent as approved by the Engineer-in-charge/ Architect. [DL]	Each	24		
b	PANEL LIGHT - Sauver Ultra Slim LED Panel made from extruded aluminium housing frame (recess / pendant) 2ft x 2ft , Item Code- BAJAJ BZRSQL 30W GZi , Wattage-30W, CCT- 4000 K, or equivalent as approved by the Engineer-in-charge/ Architect. [PL]	Each	12		
c	1200 MM TUBE LIGHT - LED batten tubes, Glaze LED Batten, High quality aluminium extruded with decorative end caps, Item Code-LGLZ01x020XN , Wattage-20W, CCT- 4000 K, or equivalent as approved by the Engineer-in-charge/ Architect. [TL]	Each	5		
d	600 MM TUBE LIGHT - LED batten tubes, Glaze LED Batten, High quality aluminium extruded with decorative end caps, Item Code-LGLZ01x010XN , Wattage-10W, CCT- 4000 K, or equivalent as approved by the Engineer-in-charge/ Architect. [FL]	Each	4		
2	Supply and fixing of 10" - 12" PVC exhaust fans with louvers.[EF]	EACH	3		
3	Supplying including fitting fixing of following star rated A.C. Ceiling fan complete with all accessories like down rod, canopy etc. of following sweeps with making necessary connection cable, as approved by the Deptt.s etc. as required complete and as directed by the Department [Without regulator]. (ORIENT PSPO make / Usha make/ CROMPTON make/ATC/ V GAURD make)				
i	a) 1200 mm sweep [F] at Strong room and Store room	EACH	2		
ii	b) 600 mm sweep [F] at Pantry	EACH	0		
4	Supplying including fitting fixing of following star rated Plastic Blade, new 400-450 mm dia bracket/wall fan of Ivory Colour , complete with all accessories of following sweeps with making necessary connection cable, as approved by the Deptt.s etc. as required complete and as directed by the Department				
i	a) 400- 450 mm sweep	EACH	7		
TOTAL OF ELECTRICAL WORKS					

AIR CONDITIONING WORKS, NONGPOH BRANCH AT MEGHALAYA

S.No.	Description	Unit	Qty	Rate	Amount
Part A- Supply of A.C Machines					
1	<p>Split AC 1.0 TR 5 Star Split AC</p> <p>Supply of BEE 5 Star rated 1.5 TR Rated Capacity Hi-Wall Split Airconditioner with following:</p> <ul style="list-style-type: none"> - 5 Star Bureau of Energy Efficiency Star rating (as per ratings valid in March 2024 for room air conditioners). - suitable for operation on single phase 50 Hz 220-240 Volt supply - Rust free cabinet - Wireless remote control - Hermetically sealed inverter type rotary / swing / scroll compressor with 5 year warranty suitable for R-32 refrigerant. - Auto air swing louvres. - Capable of performing Cooling, Dehumidifying, Air Circulating & Filtering. - Drain pan for collecting condensate. - Condenser unit shall be complete with compressor and air cooled condenser - fan evaporating units shall consist of a fan section with dynamically balanced centrifugal fan driven by FHP motor, multi row deep cooling coil of copper tube with aluminium fins, thermostatic expansion valve etc - Hi-Wall indoor unit. - Unit should support Inter Unit Piping Length: 15 meters or higher - Unit shall be charged with refrigerant from factory - Additional top up of refrigerant as required shall be done. <p><u>Make- Daikin/ L.G./ Bluestar/ Mitsubishi</u></p>	Nos	1		
2	<p>Supply of 1.5 TR BEE 5 Star rated Hi-Wall Split AC</p> <ul style="list-style-type: none"> - 5 Star Bureau of Energy Efficiency Star rating (as per ratings valid in March 2024 for room air conditioners). - suitable for operation on single phase 50 Hz 220-240 Volt supply - Rust free cabinet - Wireless remote control - Hermetically sealed inverter type rotary / swing / scroll compressor with 5 year warranty suitable for R-32 refrigerant. - Auto air swing louvres. - Capable of performing Cooling, Dehumidifying, Air Circulating & Filtering. - Drain pan for collecting condensate with drain pan safety. - Condenser unit shall be complete with compressor and air cooled condenser - fan evaporating units shall consist of a fan section with dynamically balanced centrifugal fan driven by FHP motor, multi row deep cooling coil of copper tube with aluminium fins, thermostatic expansion valve etc - Indoor / Out Door unit installation height difference: 4 meters of higher - Integral Drain pump kit - Unit should support Inter Unit Piping Length of 15 meters or higher - Unit shall be charged with refrigerant from factory - Additional top up of refrigerant as required shall be done. <u>Make- Daikin/ L.G./ Bluestar/ Mitsubishi</u> 	Nos	3		
Total of Part A (Supply of A.C Machines)					
Part B- Installation & Commissioning of the A.C Units with Accessories					
8	Installation and commissioning of 1.0 TR Hi-Wall Split Airconditioner units supplied as above, using brackets, fastners, any accessories as required, to the correct alignment ensuring proper flow of condensate water and proper cooling.	Nos	1		
9	Supply and Installation of wall / floor mounted outdoor stand for 1.0 TR Hi-Wall Split Airconditioner, complete with anchor / dash fasteners and anti vibration rubber pad.	Nos	1		
10	Supply and laying of copper refrigerant piping (liquid and gas) of size as per manufacturers specifications with foiled nitrile rubber insulation complete with all accessories such as bends, elbows, unions, etc., brazing/soldering, clamping/binding with suitable tie knots, providing insulation etc. including end connections with flare nut / brazing as per manufacturers specifications and suspension of piping from ceiling using hangars for 1.0 Tr Split Airconditioner (material supplied in standard installation kit shall be excluded from the measurement)	RM	5		
11	Supply and laying of interconnecting cable between indoor and outdoor unit for 1.0 TR Hi-Wall Split Airconditioner as per manufacturer's recommendations. (material supplied in standard installation kit shall be excluded from the measurement)	RM	5		

12	Installation and commissioning of 1.5 TR Hi-Wall Split Airconditioner units supplied as above, using brackets, fastners, any accessories as required, to the correct alignment ensuring proper flow of condensate water and proper cooling.	Nos	3		
13	Supply and Installation of wall / floor mounted outdoor stand for 1.5 TR Hi-Wall Split Airconditioner, complete with anchor / dash fasteners and anti vibration rubber pad.	Nos	3		
14	Supply and laying of copper refrigerant piping (liquid and gas) of size as per manufacturers specifications with foiled nitrile rubber insulation complete with all accessories such as bends, elbows, unions, etc., brazing/soldering, clamping/binding with suitable tie knots, providing insulation etc. including end connections with flare nut / brazing as per manufacturers specifications and suspension of piping from ceiling using hangars for 1.5 TR Hi-Wall Split Airconditioner(material supplied in standard installation kit shall be excluded from the measurement)	RM	24		
15	Supply and laying of interconnecting cable between indoor and outdoor unit for 1.5 TR Hi-Wall Split Airconditioner as per manufacturer's recommendations.	RM	24		
	Total of Part B- Installation & Commissioning of the A.C Units with Accessories				
	GRAND TOTAL (A+B)				



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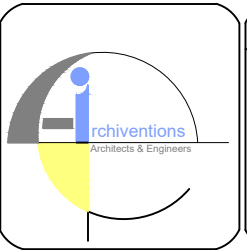
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 NEAR COMMERCE COLLEGE
 R.G. BARUAH ROAD, GUWAHATI

FLOOR PLANS

DETAILED DRAWING PLAN OF INDIAN BANK, NONGPOH BRANCH

JOB NO.	DATE	SCALE	DEALT BY	CHKD BY	DRG NO.
			AR. WAKRAM ADARSH	AR. DEBOJYOTI DEBROY	

SIGN & STAMP

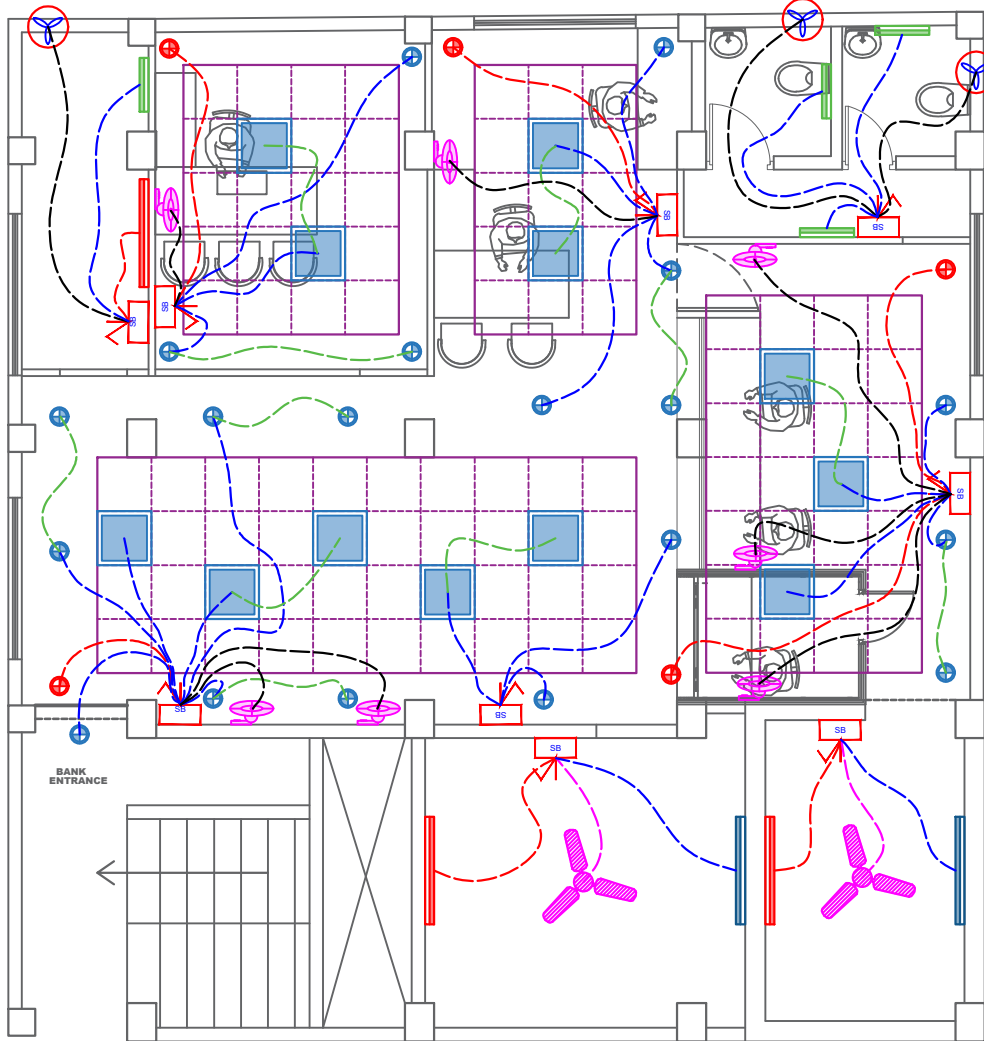


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ELECTRICAL LAYOUT OF INDIAN BANK, NONGPOH BRANCH



Symbol	Description	Qty
	LED Round Down light Fixture 1x18 W	19
	2ft x 2ft LED Panel light 1x30W	12
	LED tube light 1200mm 20W	2
	Emergency tube light 1200mm 20W	3
	Emergency Light 14W	5
	LED tube Light 600mm 14W	4
	Exhaust Fan	3
	Wall Fan	7
	Ceiling Fan	2
	Switch Board	9

	Primary light points including the cost of 6A switch = 26
	Secondary loop Points = 11
	Exhaust fan/ Wall Fan point consisting of 6A socket near fan and switch on light switch board = 10
	Ceiling Fan point with modular type regulator = 2
	Primary light points including the cost of 6A switch in UPS Power = 8

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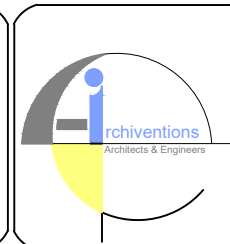
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ELECTRICAL LAYOUT PLAN OF INDIAN BANK, NONGPOH BRANCH

FLOOR PLANS

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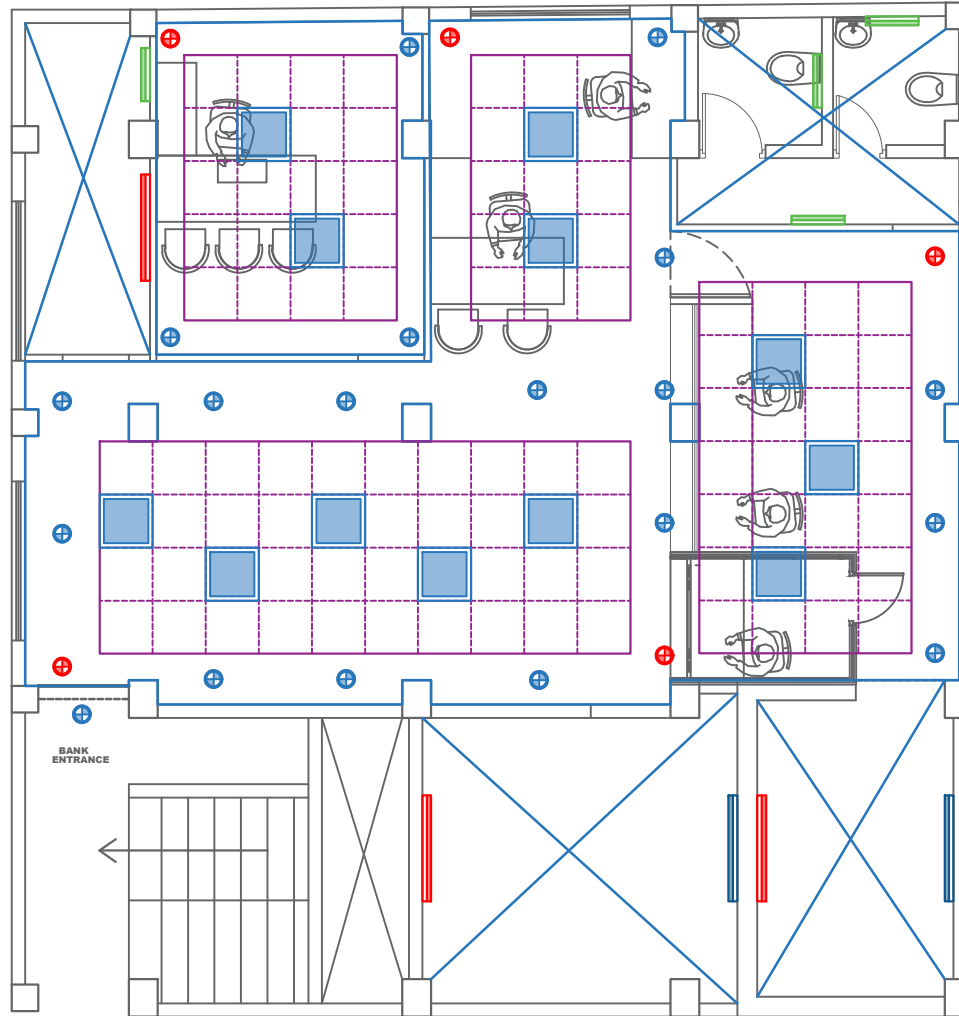
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FALSE CEILING AND LIGHTING LAYOUT OF INDIAN BANK, NONGPOH BRANCH

Symbol	Description	Qty
+	LED Round Down light Fixture 1x18 W	19
■	2ft x 2ft LED Panel light 1x30W	12
—	LED tube light 1200mm 20W	2
—	Emergency tube light 1200mm 20W	3
+	Emergency Light 14W	5
—	LED tube Light 600mm 14W	4

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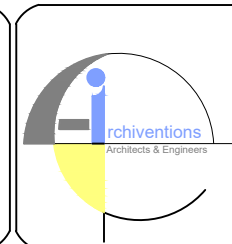
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FALSE CEILING AND LIGHTING LAYOUT PLAN OF INDIAN BANK,
NONGPOH BRANCH

FLOOR PLANS

JOB NO.	DATE	SCALE	DEALT BY	CHKD BY	DRG NO.
			AR. WAKRAM ADARSH	AR. DEBOJYOTI DEBROY	

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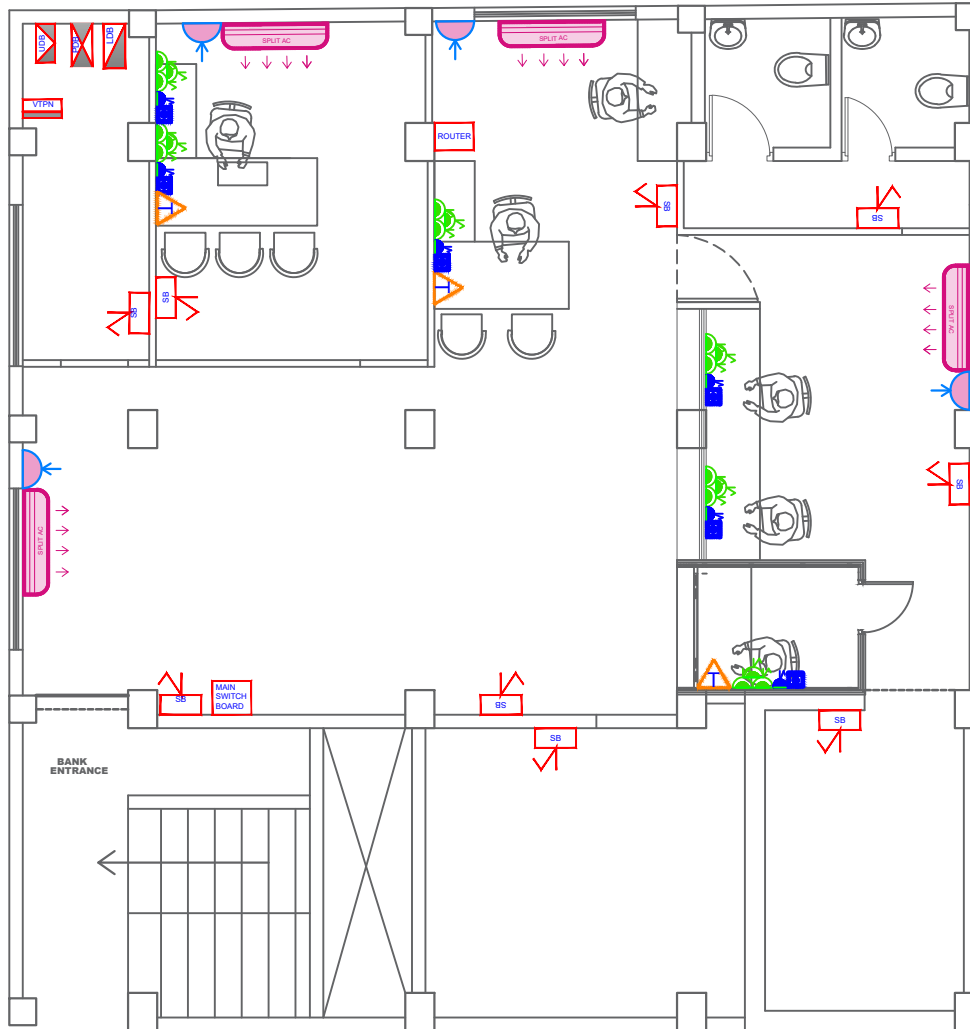
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UPS, LAN AND RAW LAYOUT OF INDIAN BANK, NONGPOH BRANCH



LEGENDS

Symbol	Description	Qty
	6A Socket 1x200 W on Raw Power	6
	3X(6/16A) UPS Socket 1x500W	6
	20A AC Socket 1x2000W	4
	LAN points	6
	Telephone	3
	Switch Board	9
	Light Distribution Board	1
	Power distribution Board	1
	UPS Distribution board	1
	VTPN	1
	Router	1
	Main Switch	1

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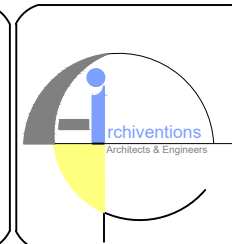
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UPS, LAN AND RAW LAYOUT PLAN OF INDIAN BANK,
NONGPOH BRANCH

FLOOR PLANS

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