



PREMISES, ESTATE & EXPENDITURE DEPARTMENT,
CORPORATE OFFICE, NO: 254-260,
AVVAI SHANMUGAM SALAI,
CHENNAI – 600014.

**TENDER DOCUMENT - PROPOSED ELECTRICAL WORKS
FOR SETTING OF CPPC IN INDIAN BANK PREMISES AT 2ND
FLOOR, NO. 7, PRAKASAM ROAD, T NAGAR BRANCH PREMISES,
CHENNAI - 600017**

Ref.No: CO:EST:CPPC -02
Date : 27.04.2021

Name of the contractor:

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

Last date of submission of tenders	05.05.2021 upto 15.00Hrs. at Indian Bank, Corporate Office, Premises, Estate & Expenditure dept, First Floor, No. 254-260, Avvai Shanmugam Salai, Royapettah, Chennai – 600 014.
Date of opening Tender	05.05.2021 upto 15.30Hrs . at Indian Bank, Corporate Office, Premises, Estate & Expenditure dept, First Floor, No. 254-260, Avvai Shanmugam Salai, Royapettah, Chennai – 600 014.
Cost Of Tender	Free Of Cost.

This Tender document contains 29 pages



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FORM OF TENDER

Indian Bank

Corporate Office,
Premises, Estate & Expenditure Dept,
No. 254-260, Avvai Shanmugam Salai,
Royapettah, Chennai – 600 014.

Dear Sirs,

SUB: Invitation of Tender for 'Electrical Works" for setting up CPPC at 2nd floor, No. 7, Prakasam Road, T Nagar Branch Premises, Chennai-17 .

Having examined the drawings, specifications, conditions and schedule of quantities prepared by you, and satisfying ourselves as to the location of the site and working conditions, I/We hereby offer to execute the above works at the respective rates which I/We have quoted for the items in the Schedule of Quantities.

I/We herewith deposit **Rs.5,500 /- (Rupees Five Thousand Five Hundred only)** by crossed demand draft payable at Chennai and drawn in favour of Indian Bank as Earnest Money Deposit for the due execution of the works at my/our tendered rates, together with any variations should the work be awarded to me/us.

In the event of this tender being accepted, I/We agree to enter into and execute the necessary contract required by you. I/We do hereby bind myself/ourselves to forfeit the aforesaid Earnest Money Deposit of **Rs. 5,500/- (Rupees Five Thousand Five Hundred only)** in the event of our refusal or delay in signing the Contract Agreement. I/We further agree to complete the work within the stipulated time specified in the Appendix to General Conditions of Contract.

I/We agree to keep our tender open for 90 **(Ninety) days** from the date of opening of tender.

I/We enclose the completed tender documents duly signed under sealed envelopes and the Earnest Money Deposit Rs. _____ (Rupees _____ only) by Bank Draft / Bank Guarantee No. _____ dated _____ Issued by _____

Thanking you,

Yours faithfully,

[To be signed by the Authorized Representative of
Tenderer who has the Power to do so]

Place:
Date :

Witness Signature:
Name:
Address:
Seal:





INDIAN BANK

NOTICE INVITING TENDER

Indian Bank, Corporate Office, Premises ,Expenditure & Estate Department ,Chennai-14 invites sealed tenders (Single Bid System) from **Indian Bank empanelled Electrical Contractor with Indian Bank Corporate Office at Chennai** for Proposed Electrical Works in Indian Bank premises at 2nd floor, No. 7, Prakasam Road, T Nagar Branch Premises, Chennai-17.

1.	Name of work	Electrical works for setting CPPC at 2nd floor, No. 7, Prakasam Road, T Nagar Branch Premises, Chennai-17
2.	Estimated cost of work	Rs.5,43,850.00 (Rupees Five Lakhs Forty Three Thousand Eight Hundred Fifty Only)
3.	Period of completion	25 days reckoned from the date of issue of the Work Order or handing over of site whichever is later
4.	Validity of Tender	90 Days from the date of opening
5.	Defects Liability Period	12 Months from the date of virtual completion of work
6.	Earnest Money Deposit (EMD)	Rs.5,500/- (Rupees Five Thousand Five Hundred only) by way of DD in favour of "Indian Bank" payable at chennai.
7.	Initial Security Deposit (ISD)	2% of the Bid Amount (Including EMD amount)
8.	Retention Money (RM)	8% against each RA bill excluding taxes
9.	Total Security Deposit ISD+RM	10% of the project cost. (Initial Security Deposit 2% and Retention Money 8%) 50% will be released after 15days of payment of the final bill and the balance 50% will be released after the Defect liability Period of One year).
10.	Value of work for Interim/adhoc Payment	Minimum Rs.2,50,000/- (Rupees Two Lakhs Fifty Thousand Only) or as decided by the Bank. The interim payment/adhoc payment shall be 70% of the works executed /Bill value at site.
11.	Period of honoring certificate for interim payment /Adhoc payment	10 days from the date of receipt of Bill payment and it is in order
12.	Period of honoring Final Certificate	Six weeks from the date of receipt of Bill payment and it is in order
13.	Liquidated Damages	1% per week of the Contract Value subject to maximum total of 10% of final Contract value
14.	Tender Documents	Tender documents can be obtained from Indian Bank, Corporate Office, Premises, Estate & Expenditure Dept, First Floor, No. 254-260, Avvai Shanmugam Salai, Royapettah, Chennai – 600 014 from 27.04.2021 to 04.05.2021 , on all working days during office hours. (OR) The Tender Documents can be downloaded from the Bank's website www.indianbank.in
15.	Cost of Tender Documents	Free of Cost.
16.	Last date of submission of tenders	05.05.2021 upto 15.00Hrs. at Indian Bank, Corporate Office, Premises, Estate & Expenditure dept, First Floor, No. 254-260, Avvai Shanmugam Salai, Royapettah, Chennai – 600 014.
17.	Date of opening Tender	05.05.2021 at 15.30Hrs. at Indian Bank, Corporate Office, Premises, Estate & Expenditure dept, First Floor, No. 254-260, Avvai Shanmugam Salai, Royapettah, Chennai – 600 014.
18.	Recovery towards Taxes	As per rules applicable time to time





Note:

1. The bank reserves the right to reject any tender/bid without assigning any reason.
2. The rates quoted by the tenderer shall be based only on the specifications and conditions of the tender documents.
3. Bank is not liable to make any payment to tenderers for preparation to submit the tender/bid.

ASSISTANT GENERAL MANAGER (P&E)

Signature & Seal of the Tenderer





GENERAL RULES AND INSTRUCTION FOR THE GUIDANCE OF TENDERERS

1 Definition of terms / interpretation:

- i. *Employer/Owner/Bank /Indian Bank/ Accepting Authority shall mean Indian Bank with their Corporate Office at No. 254-260, Avvai Shanmugam Salai, Royapettah, Chennai – 600 014 and any of its employees representative authorized on their behalf.*
 - ii. *Throughout these bidding documents, the terms “bid” and “tender” and their derivatives (“bidder”/“tenderer”), “bidered /tendered”, “bidding”/“tendering”, etc. are Synonymous.*
 - iii. *Day means calendar day. Singular also means plural*
 - iv. *“Contractor” means the person whose Tender has been accepted by the Employer and the legal successors in title to such person, but not (except with the consent of the Employer) any assignee of such person*
 - v. *Tenderer: The term ‘Tenderer’ shall mean the individual or firm or company whether incorporated or not, undertaking the work and shall include legal representative(s) of such individuals or persons composing such firm or company or successors of such firm or company as the case may be and permitted assigns of such individual or firm or company.*
- 2 Tenders, which should always be placed in sealed cover, with the name of the work written on the envelope “**Electrical works for setting up CPPC at 2nd floor, No. 7, Prakasam Road, T Nagar Branch Premises, Chennai-17**” will be received by Assistant General Manager (P&E), Indian Bank, Corporate Office, Premises, Estate & Expenditure Dept, No. 254-260, Avvai Shanmugam Salai, Royapettah, Chennai – 600 014.
- 3 **Earnest money amounting to Rs.5,500/- (Rupees Five Thousand Five Hundred only)** in the form of Demand Draft drawn in favour of “Indian Bank”, payable at Chennai must accompany each tender. EMD amount will not carry interest. Tender without earnest money will be summarily rejected.
- 4 The Indian Bank does not bind itself to accept the lowest or any tender and reserves to itself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
- 5 The rate quoted by the Tenderer shall be net (excluding GST), up to the stage of incorporation and handing over site. All taxes including (excluding GST) or any other tax on material or on finished works like Turn-over Tax, including taxes that may be newly introduced subsequent to the tender etc. in respect of this contract shall be payable by the Tenderer and the Indian Bank will not entertain any claim whatsoever in this respect.

The rate quoted should be excluding GST.

The vendor who wishes to quote for the tender should have GST registration and should mention the registration number.





- 5 The Tenderer shall give a list of his relatives working with the Indian Bank along with their designations and addresses.
- 6 No employee of the Indian Bank is allowed to work as a contractor for a period of two years of his retirement from Indian Bank service, without the previous permission of the Indian Bank. The contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of the Indian Bank as aforesaid before submission of the tender or engagement in the Tenderers service.
- 7 The tender for works shall remain open for acceptance for a period of 90 days from the date of opening of Tender. If any tenderer who withdraws his tender before the said period, then the Indian Bank shall be at liberty to forfeit Earnest Money paid along with the tender.
- 8 The tender for the work shall not be witnessed by a Tenderer or Tenderers who himself/themselves has/have tendered or who may and had/have tendered for the same work. Failure to observe this condition would render tenders of the Tenderers tendering as well as witnessing the tender liable to summary rejection.
- 9 It will be obligatory on the part of the tenderer to tender and sign the tender documents for all the component parts.
- 10 Transfer of tender documents purchased by one intending Tenderer to another is not permitted.
- 11 The Tenderer must pay the amount of Earnest Money as mentioned in the Notice of Tender Invitation by ~~Bank Guarantee~~ / Bank Demand Draft payable to Indian Bank. No interest on Earnest Money deposited by the Tenderer shall be allowed. The Tenderer should attach the ~~Bank Guarantee~~ / Bank Draft along with the tender failing which the tender will not be considered. No other mode of payment shall be accepted.
- 12 The Earnest Money Deposit of unsuccessful tenderers shall be refunded within three weeks of award of contract to the successful tenderer or within one week of actual commencement of work whichever is earlier and in any case not later than four months.
- 13 The Earnest Money Deposit of the successful tenderer shall be refunded on the acceptance by the Employer of the Contractor's Bank Guarantee/ Demand Draft towards Security Deposit.
- 14 The EMD of the Tenderer, whose tender is accepted, shall be forfeited in full in case he does not start the work by stipulated date mentioned in the award letter.
- 15 **The retention amount at 8% on the value of the bill paid will be held by the Indian Bank apart from ISD. 50% of Total Security Deposit(TSD) will be released after 15days of payment of the final bill and the balance 50% will be released after the Defect liability Period of One year,** subject to satisfactory rectification of defects noticed, if any. EMD & retention amount held in our Indian Bank's books will not carry any interest.
- 16 The acceptance of a tender will rest with the Indian Bank and the Indian Bank reserves to itself the authority to reject any or all of the tenders received without the assignment of a reason. Tenders in which any of the prescribed conditions are not fulfilled (or) are incomplete in any respect are liable to be rejected. The Indian Bank reserves the right to accept the tender in full or in part and the tenderer shall have no claim for revision of rates or other conditions if his tender is accepted in parts.



- 17 Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the Tenderers who resort to canvassing will be liable to rejection.
- 18 All rates shall be quoted on the proper form of the tender alone. **All the entries to be made legibly in ink only.** Rates written in pencil or any other mode shall not be considered for evaluation and will be rejected.
- 19 An item rate tender containing percentage below / above will be summarily rejected. However, where a tenderer voluntarily offers a rebate for payment along with sealed tender, the same may be considered.
- 20 On acceptance of the tender the name of the accredited representative(s) of the Tenderer who would be responsible for taking instructions from the Indian Bank shall be communicated to the Indian Bank.
- 21 Special care should be taken to write the rates in figures as well as in words and the amounts in figures only, in such a way that interpolation is not possible. The total amount should be written both in words and in figures.
- 22 The Contractor shall within 7 days of receiving the WORK ORDER submit **initial security deposit of 2%** of the contract value in the form of a Demand Draft or Bank Guarantee in an approved format. On acceptance of the Demand Draft or Bank Guarantee by the Employer, the Earnest Money Deposit shall be refunded to the Contractor.
- 23 The Contractor shall comply with and give all notices required under any law, rules, regulations, or bye-law of Parliament, State Legislature or Local Authority relating to works. If needed, the Contractor has to obtain required permission/ approval from the building secretary/ association. The Contractor shall before commencing the execution of work issue a certificate to the Employer that he has obtained all the permissions Registrations and give all the notices as are required to be obtained or given under law particularly blasting permission, Police permission etc.
- 24 The Contractor shall be required to maintain the site and the building areas in a neat and clean condition at all times to the satisfaction of the Employer. The Contractor shall especially take care to keep areas free from getting water logged, from concrete/mortar dippings, bricks, steel, shuttering materials or any other material / rubbish.
- 25 Debris and items removed from the building have to be neatly stacked at site and then periodically removed (maximum of one week), carried away by the Contractor and disposed off as per the rules and regulations of the Local Authorities concerned. No debris shall be thrown loose from upper floors. No floor, roof or other part of the building shall be over-loaded with debris or materials as to render it unsafe.
- 26 Employer reserves the right to insist on selection of material, workmanship, detailing and finishes, which they consider, is appropriate, and suitable for the intended use. The contractor is not eligible to claim extra on this account.
- 27 Employer will require the contractor to produce, samples of all the materials, accessories/ finishes prior to procurement/ manufacture. The samples of the materials for the work shall be got approved from the Employer. Failure to comply with these instructions can result in rejection of the work/ materials.
- 28 For painting & Lamination, sample area shall be prepared and the shade got approved. It is also advised to give computer presentation of various colour schemes to the employer before going for sample painting/Lamination.(IF Applicable)
- 29 The Tenderer should note that he should execute his part of work without causing any damage to any component of the building and also without disturbing the occupants. Any damage so caused shall be made good at the cost & risk of the tenderer.

- 30 The successful tenderers shall include, in the quoted price, all allied civil works such as chasing in wall, drilling holes etc to support the frames, partitions, make the surface good after grouting, scaffolding required if any to load/ unload the materials etc.
- 31 The successful contractor shall also be responsible for the safety and security of all their materials and also for ensuring fire prevention steps at all times in the working premises including their part of the work. The successful contractor has to place full time representative at site, the representative should have thorough subject knowledge.
- 32 The work shall be carried out without disturbing the existing occupants of other offices. Necessary barricading of the area, if required from the rest of the area shall have to be arranged by the successful contractor at no extra cost. The work is to be organized and executed so as to have least disturbance to the occupants of other offices.
- 33 **Only one interim payment /adhoc payment is permitted. Minimum Rs.2,50,000/- (Rupees Two Lakhs Fifty Thousand Only)** or as decided by the Bank. The interim payment /adhoc payment shall be 70% of the works executed /Bill value at site. The bills in proper forms must be duly accompanied by detailed measurements in support of the quantities of work done and must show deductions for all previous payments, retention money etc. The Employer after detailed scrutiny of the interim bill shall certify within **10 days** of the date of receipt of interim bill from the Contractor subject to submission of documentation as required.
- 34 **The contractor should ensure payment of minimum wages + VDA to all labourers / workmen staff employed by him inline with central/ state labour wage act whichever higher.**

The Contractor shall at all times indemnify and keep indemnified the Employer against all losses, claims, damages or compensation including under the provisions of the payment of the Wages Act 1936, Minimum Wages Act 1948, Employer's Liability Act 1938, Workman's Compensation Act 1923, the Maternity Benefit Act 1961, the Bombay Shops and Establishments Act 1947, Industrial Disputes Act 1947, and Contract Labour (Regulation and Abolition) Act 1970 and Employees State Insurance Act 1948, Motor Vehicles Act 1988 or any modifications thereof or under any other law relating thereto and rules made thereunder from time to time or as a consequence of any accident or injury to any workman or other person in or about the work whether in the employment of the Employer or Contractor or not, and also against all costs, charges and expenses of any suit, action or proceedings whatsoever out of such accident or injury or combination of any such claims.

- 35 From commencement to completion of works, the Contractor shall take full responsibility for the care of the work and for taking precautions to prevent loss or damage to the work to the maximum extent possible and shall be liable for any damage or loss that may arise to the works or any part thereof from any cause whatsoever including causes of fire, lightning, explosion, earthquake, storm, hurricane, floods, inundation, subsidence, landslides, rock slides, riots (excluding civil war, rebellion, revolution and insurrection) or any latent defect or damage and shall at his own cost repair and make good the same so that at all times the work shall be in good order and condition and in conformity in every respect with the requirements of the Contract.

For the purpose of this condition this expression "from commencement to completion of works" shall mean the period starting with the date of issue of Work Order or date of handing over of site whichever is later and ending with issue of Virtual Completion Certificate.

Without limiting the obligations and responsibilities under this condition, the Contractor shall insure and keep insured the works from commencement to

completion, as aforesaid, for the full contract value including Price Variation Adjustment if any against the risk of loss or damage from any cause whatsoever including the causes enumerated in the foregoing paragraphs. In the event of there being a variation in the nature and extent of the works, the Contractor shall from time to time increase or decrease the value of the insurance correspondingly. All the premia for the insurance shall be borne and paid by the Contractor.

Before commencing the work, the Contractor shall without limiting his obligations and responsibilities under this condition, insure against any loss of life or injury to any personnel in the employment of Contractor / Sub-Contractor/nominated Sub-Contractor. For this purpose, an insurance shall be taken by the Contractor /Sub-Contractor. Such an insurance shall be taken to include both employees/workmen covered by the Workman's Compensation Act 1923, as well those employees/workmen not covered by the said Act. Separate insurance policies may be taken for employees/ workmen covered by Workman's Compensation Act 1923, and employees / workmen not covered by the said Act. All the premia shall be paid by the Contractor. Policy/Policies taken under this para for the personnel in employment with the Contractor / Sub-Contractor may be in their Employer's names of the Contractor / Sub-Contractor / nominated Sub-Contractors. In the event of any loss or injury to personnel in employment with the Contractor / Sub-Contractor / nominated Sub-Contractors, the Employer and Contractor shall recover directly from the Insurance Company and ensure that payment of the same is made to the affected parties including the Employer. The policy in original shall be deposited with the Employer.

The Contractor shall at all times indemnify and keep indemnified the Employer against all losses and claims for injuries or damage to any person or any property whatsoever which may arise out of or in consequence of the construction and maintenance of the work and against all claims, demands, proceedings, damages, costs, charges and expenses whatsoever in respect of or in relation thereto. Before commencing the execution of the works, the Contractor shall without in any way limiting his obligations and liabilities under this condition, insure at his cost and expense against any damage or loss or injury which may be caused to any person or property including the employees and directors of the Employer and their property by or in the course of the execution of the works. Such insurance to be known as the Third Party Insurance shall be in a sum of **Rs. 1.0 lakh**. The Insurance policy to be so obtained by the Contractor shall be deposited by the Contractor with the Employer within **Seven days** of its issue by the Insurer.

- 36 The Contractor shall take all precautionary measures to ensure the safety of the workmen employed by it. The contractor shall be fully responsible for the any injury or damage caused to the workmen deployed by him at site for carrying out the work and Bank has nothing to do with such happenings and in no way shall be held responsible for the same.
- 37 The contractor shall maintain all registers as required by the Regional Labour Commissioner and should furnish the same to the Bank or its representative as and when required.
- 38 If the work is not started within **7 days** from the date of issue of work order then Employer may terminate the work order without assigning any reason. If during the execution of the work, the progress of work is not considered to be satisfactory and is not consistence to be in contingent with the period of the completion of the work then the Bank may terminate the work order by giving a 5 days notice to the contractor.. In such case the contractor shall be liable to pay the employer any extra cost involved for the completion of the said work and will not obstruct any way in completing the work through other agency. After completion of entire work the contractor shall be paid for the actual work executed by him at the quoted rates after deducting any claims, damages.

- 39 The time allowed for completing the works is **25 days** to be reckoned from **7 Days** from the date of Work Order / date of handing over site whichever is later. Tenderers shall submit a programme (time schedule) for executing the entire project and shall furnish the details of their scheme indicating the proposed deployment of their machinery and resources.
- 40 If the Contractor fails to complete any or all the works by the date/s named in **Clause 39** (Date of Completion) or within any extended time (permitted by Bank) then the Contractor shall pay or allow the Employer the sum to be worked out at **1.0%** of contract value per week to be recovered as Liquidated Damages (and not by way of penalty) for the delay, beyond the said date or extended time, as the case may be, during which the works shall remain unfinished and such damages may be deducted from any moneys due or which may become due to the Contractor. The maximum amount of Liquidated damages shall be **10%** of contract value. The contractor shall be bound to extend validity of Insurance Cover till such period of completion as may be considered necessary at their cost.
- 41 The successful tenderer shall be required to execute an Agreement in the proforma attached with this tender document within **7 days** from the date of receipt of the notice of acceptance of tender. In the event of failure on the part of the successful tenderer to sign the agreement within the above stipulated period, the earnest money will be forfeited and the acceptance of the tender shall be considered as cancelled.
- 42 The final bill will be released on satisfactory completion of the entire work and on completion of all the terms and conditions / obligations spelt out and on proper submission of the bill together with the measurements. Final Bill settlement is within 45 days from the date of proper submission of bill & measurements.
43. At any stage i.e. during the execution of work, any kind of change required, whether it is in design or specification, the same has to be incorporated by the contractor and it shall be treated as a variation.
44. Single Power point & Water for work will be provide by bank at free of cost
45. The contractor shall not directly or indirectly sublet the work to other party without written permission of the bank.
46. The Bank reserves the right to distribute the work for which quotations have been called, among more than one parties, if found necessary. No claim in this respect shall be considered and the contractor agrees to cooperate with other agencies appointed by the Bank.
47. Bank shall not be responsible for any lose or damage to the contractor/labour due to any natural calamity during the course of construction. Contractor is liable to make good all the damages if any, till the work is completed and handed over to the Bank authorities
- 48 No advance payment shall be made to the contractor on supply of any material supplied at site for execution; payment shall only be made on execution and completion of any concerned/particulars item.
- 49 Contractor agencies are advised (before quoting the rates) to inspect the site of the proposed work. They must go through specifications and documents. Any clarification, if required, may be taken from the bank before submitting the quote..



- 50 The quantities mentioned in schedule are provisional and likely to increase /decrease to any extent or may be omitted thus altering the aggregate value of the contract. No claim for loss of profit/business shall be entertained on this account.
- 51 The contractor /vendor failed to carry out the works as per schedule/Quality, the same shall be carryout with different agencies and the actual amount will be deducted from the contractor bills.
- 52 Payment to the contractor shall be made as per actual work done of site.
- 53 The contractor agency shall keep particular vigil on his workers to maintain very good workmanship of all items, failing which no payment shall be made and no claim of material/labour used shall be made to him in any case, and the same work shall be executed by him again without charging any extra cost.
- 54 The Bank reserves the right to accept/reject any quotes without assigning any reasons.
- 55 Any work got executed in poor workmanship as pointed out by the Bank' Official will have to be dismantled and redone by the Contractor on his own cost
- 56 Any addition, alteration or correction in the quote shall be signed and stamped properly by the contractor

ASSISTANT GENERAL MANAGER (P&E),

Indian Bank Corporate Office,
Premises, Estate & Expenditure Dept,
No. 254-260, Avvai Shanmugam Salai,
Royapettah, Chennai – 600 014.

Signature & Seal of the Tenderer





ARTICLES OF AGREEMENT

THIS AGREEMENT is made on this day ofmonth of between Indian Bank and having its Corporate Office at No. 254-260, Avvai Shanmugam Salai, Royapettah, Chennai – 600 014 (hereinafter referred to as the “Employer”) which expression shall include its successor, legal heirs and assignees of the one part.

AND M/s. having its office at
.....
(hereinafter referred to as the “Contractor”) which expression shall include its successor, legal heirs and assignees of the second part.

WHEREAS the Employer has caused drawings and tender documents for ‘Electrical works for setting up CPPC at 2nd floor, No. 7, Prakasam Road, T Nagar Branch Premises, Chennai-17.

AND whereas the Employer has called for tender vide ref. no.
dated..... .

AND whereas the contractor has submitted the tender ref. no.
dated to the Employer on

AND whereas the Employer has issued the work order ref
dated..... to the contractor to do the work.

AND whereas the Contractor has agreed to execute the work as per drawings, specifications, conditions of contract and Work Order.

AND whereas the Employer has accepted the Contractor’s tender as aforesaid and whereas the tender submitted by the contractor has been accepted for such sum as may be ascertained to be payable in terms of the Bill of Quantities and which sum is estimated to be Rs. (Rupees) hereinafter referred to as the said “Contract Agreement”.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:-

- 1) In consideration of the said Contract Sum to be paid at the times and in the manner set forth in the said Conditions the Contractor shall carry out and complete the Electrical Works in terms and conditions herein contained and according to the general conditions of the contract, notice inviting tender, special conditions of contract, general scope of work, technical specifications, schedule of rates and instructions to be given by and the supervision of and to the entire satisfaction of the Employer.





2) **Contract Price, Taxes and Payment Terms :**

Total contract price is Rs. which is inclusive of cost of materials, equipment, installation charges and tools and tackles required for execution of the job. Above price is inclusive of all taxes & duties including excise duty, sales tax, works contract tax, income tax, octroi etc. in respect of this contract. No claim in this respect will be entertained. Sales tax on works contract & Income tax on payments will be deducted and deposited by Employer in accordance with the sales tax law of the state and the provisions of tax deductions at source under income tax act 1961.

However, interim payment will be made as per the site measurements on Item Rate basis.

3) **Completion Period:**

Time is the essence of the Contract. The work is to be completed in all respects within **25 days** reckoned from **7th day** from the date of issue of the Work Order or handing over of site whichever is later. If the Contractor fails to complete the job within the agreed time period the Contractor will have to bear liquidated damages as per the relevant clause mentioned in the Tender Documents.

4) **Earnest Money Deposit**

The Contractor has deposited an amount of **Rs.5,500/- (Rupees Five Thousand Five Hundred only)** as earnest money by way of DD in favour of "Indian Bank" payable at chennai.

5) **Inspection of Site:**

The Contractor has inspected the site before submitting his tender and has satisfied himself as to the nature of the work to be executed on the site. Any difficulties which the Contractor may come across in the course of the work shall in no way relieve the contractor to claim or receive extra payment unless the Employer is of the opinion that such difficulties could not have been foreseen and the Employer consents in writing.

6) **Supply of Material and Labour:**

The Contractor shall arrange all labour, materials, equipments, tools, tackles and everything necessary for the completion of the work. The Contractor will assume all responsibility for the safety, protection and accounting of all material and equipment and the work during construction. All materials used by the Contractor shall be of the best quality conforming to the required specification mentioned in the tender document and will be subject to the approval of the Employer. All such materials not approved by the Employer shall be removed at once by the Contractor at his own expense. The Contractor shall also at his own expense arrange for carrying out any test of materials which the Employer may from time to time require or if so desired by the employer.



7) **Defective Work / Materials:**

If any part of the work done by the Contractor is found defective in workmanship or if bad or inferior materials have been used the Contractor shall at his own risk and cost demolish all such defective work and rebuild the same and / or replace the bad or inferior materials used within a time frame mentioned to the satisfaction of the Employer. The decision of the Employer in this regard shall be final and binding on the Contractor. In case of default of the contractor to remove the defective work and rebuild the same or replace bad or inferior materials as directed by the Employer, the Employer shall be entitled to employ anyone else to carry out the same at risk and cost of the Contractor and recover all expenses incurred in this regard from the contractor.

8) **Inspection of Work:**

During progress of the work the Employer shall be entitled at all times to have access to and inspect the work.

9) **Supervision:**

The Contractor shall provide one or more competent and technical qualified engineers duly and fully authorized to act on his behalf in all matters relating to the works to be carried out under or any other matter concerning this agreement and who shall at all times be present at the works while any work is in progress as per directions, explanations & instructions of Employer.

10) **Compliance with Statutory Regulations & Work Rules:**

The Contractor shall be responsible for complying with the applicable laws / bye laws / Regulations in force from time to time and shall have to bear all statutory liabilities to the workers / personnel engaged for the job. Nothing will be paid extra in this regard. If any amount is paid by the Employer with this regard the same amount shall be deducted from the Contractor's dues. The Contractor shall have to arrange insurance cover for the workers / personnel engaged by him for the job and materials & works supplied/carried out at site/work place. Also to be adhered as per Tender Clause No.:34,35,36 & 37 of **General Rules And Instruction For The Guidance of Tenderers.**

11) **Termination of Contract:**

In the event of Contractor failing to keep / adhere to agreed schedule of work, or in the event of the Contractor failing to comply with the provisions of this contract by default and / or negligence and / or suspension of work or in the event of Contractor failing to complete the work within the stipulated period, the Employer may terminate this Agreement forthwith and employ, at the Contractor's risk and cost, another contractor or sufficient number of workmen to complete the work

12) **Force Majeure:**

This clause will be operative only if the work is delayed by

- a) Acts of God
- b) Earthquake or floods or similar natural calamities.
- c) Serious loss or damage by fire or lightning.

In case any Force Majeure condition herein mentioned occurs and continues for a period exceeding 15 days the parties hereto undertake to sit together and devise



ways for expeditious and proper performance of the obligations of the parties under this order.

13) **Arbitration:**

“ In the event of any dispute or difference relating to interpretation and application of provisions of the contract and all disputes/ claims whatsoever which shall either during the continuance of the contract or afterwards either between the parties to the contract or the respective representatives touching the construction/ application of any provision/ clause mentioned in the contract or any account or liability between the parties to the contract or as to any act or deed or omission of any party to the contract, in any way relating to these presents, shall be first at the discretion of the Bank attempted to be resolved in good faith by mutual discussion within 30 days of the dispute or question being raised failing which the same shall be settled by arbitration in accordance with provisions of Indian arbitration and Conciliation act 1996.

The Parties concerned shall designate an arbitrator on mutual consent/ consensus. The venue of the arbitration shall be exclusively at Chennai and any award passed by arbitrator shall be final, conclusive and binding upon the parties and shall be deemed to have been made between parties themselves. The parties to the dispute shall share equally the cost of arbitration as intimated by the arbitrator”.

Submitting to arbitration may be considered as an additional remedy and it does not preclude the right of the bank to seek other redressal/ Other Recourse.

- 14) The bank and the contractor agree that this agreement is entered in to on Principal to Principal basis. Nothing contained in this agreement shall be construed to create any association, Joint venture or Partnership or Relationship of Principal and Agent or Master and Servant or Employer and Employee between the Bank and the contractor. The parties to the agreement shall be deemed to be independent entity and employees of either of the parties shall not be deemed to be employees of the other. Neither party shall have authority to bind the other except to the extent authorized herein.

IN WITNESS whereof the said contracting parties have set their hands and seals on the day and year first hereinabove witness.

Witness Address

Employer

Witness Address

Contractor



List of Materials of Approved Brand And/ Or Manufacture

Electrical works:

Sl.no	Description	Make of materials
1	PVC Copper Wires- PVC insulated HR-FR-LSH-LF (Heat Resistant Flame Retardant Low Smoke Halogen - Lead Free. (To be ROHS Compliant)	Finolex /Poly cab/Havells or approved Equivalent
2	MCCB	L&T (d sine), ABB, Schneider
3	MCB/ DB	Legrand, ABB, Schneider
4	LT UG Cable	Polycab /Finolex/Havells
5	Gland/ Lugs	Dowells/comet approved Equivalent
6	Indication lamp	TEKNIC/ L&T
7	Switch and sockets/ MS boxes	Anchor ROMA/ MK India/Havells (Crab tree).
8	PVC pipes and accessories	VASAVI/ Avon plast/MODI (medium)
9	Speaker	Bosch/ Ahuja
10	Socket /Switch/RJ 11 socket -	Legrand, Anchor ROMA/ MK India/Havells (Crab tree).
11	G.I. Pipes and Fittings (ISI approved)	Tata,Jindal,Swastik Surya

Note –

1. Materials mentioned in the specification shall be used for the work. If specified material is not available prior approval of the Employer shall be taken to use other brands.
2. Preference of makes, supply of items should be consulted with client/consultant before effecting of supply.

NAME AND ADDRESS OF THE CONTRACTOR:

SIGN & SEAL OF THE CONTRACTOR:

Date:

Place:

**BILL OF QUANTITY FOR ELECTRICAL WORK FOR CPPC 2ND FLOOR, NO. 7,
PRAKASAM ROAD, T NAGAR BRANCH PREMISES, CHENNAI - 600017**

1	ELECTRICAL WIRING				
	<i>Electrical Work - POINT WIRING</i>				
(i)	NOTE: 'For all items in schedule 'B' rate includes necessary connected minor civil works including scaffolding if required and necessary supports as required at site. No extra payment shall be made for the same.				
(ii)	Rates of wiring for Light, fan, Plug are inclusive of supply, installation, testing, commissioning.				
Note:					
i)	Unless otherwise specified all the conduiting work to be done in recess				
ii)	Two or more circuit can be drawn in the same conduit, however, all the circuits in the same conduit shall be on the same phase.				
iii)	Circuit wiring and point wiring will be in a separate conduit.				
iv)	Minimum size of conduit will be of 25 mm dia.				

SI.No	DESCRIPTION OF WORK	Unit	Qty	Rate (Rs)	Amount(Rs)
A	<u>MV PANEL</u>				
	<p>Supply, Testing at factory, loading, unloading Erection and Commissioning of cubical</p> <p>Type indoor, fully compartmentalized wall mounting Main Power Panel made of 16 SWG MS sheet steel provided with Copper Bus bars of 100A capacity mounted on SMC bus bars supports including interconnections, & Double Earthing. The board shall be powder coated with Siemens gray paint. The panel length, height, depth etc to match with site condition and all accessories as required as per the site condition</p> <p>INCOMER: 1no.100A 4 pole 25KA MCCB</p> <p>OUTGOINGS: 4 nos. 63A 25KA MCCB. With extended rotary handle and spreader terminals. 2 nos. 40A 25KA MCCB With extended rotary handle and spreader terminals.</p> <p>RYB Indicating lamps Control MCBs BUS BAR</p> <p>4 Runs of 25mm x 6mm Copper Bus Bar Earthing 25mm x 3mm Copper Bar INTER CONNECTION: 100A MCCB to bus bar 20mm x 6mm Copper flat 4runs 63A MCCB to bus bar 20mm x 3mm Copper flat 4runs 40 A MCCB to bus bar 20mm x 3mm Copper flat 4runs</p>	Nos	1.00		
2	Supply & Laying 3.5core 50 Sq mm XLPE armored Aluminium conductor cable 1.1 KV grade laid in wall/ ceiling /Duct with suitable clamping From Ground floor MV panel room to 1st floor UPS room.	Mtrs	50.00		
3	End termination of 50 mmsq 3.5 Core armoured cable,complete with brass cable gland , Alu. Lug, PVC tape.	Nos	2.00		
	PART A . MV Panel Sub Total (A)				

B	<u>AC DISTRIBUTION BOARD & WIRING</u>				
1	DISTRIBUTION BOARD FOR Hiwall/Cassette AC SYSTEM: Supply and Installation of 4 way VTPN DB (IP43) compressing of Incomer 63A 4P MCB - 01No,With 63A 4P30ma RCCB - 01No Out Going - 40A 3P MCB-2 Nos (3 TR Cassette-1No and 1 No spare),32 A 2P MCP -3 Nos (Cassette -2 Nos ,1 No spare ,20/16/10A SP MCB 6 Nos for RAW/ Hi WALL Cost includes cutting, plastering and concealed in the wall	Nos	1.00		
2	Supply and laying of 3.5core 25 Sq mm XLPE armoured Aluminium conductor cable 1.1 KV grade laid in wall/ ceiling /Duct with suitable clamping From MV panel to Power/AC DB The cost includes termination and legs and other accessories	Mtrs	5.00		
3	S/F of 40A 4P MCB in 4way metallic box near ODU for 3TR cassette units including making proper connections to the entire satisfaction of the bank ,Wether proof IP44	Nos	1.00		
4	Supply and installation of 40A TPN MCB in 4way metallic box for 3TR cassette near IDU	Nos	1.00		
5	Supply and fixing 25 Amps 3-pin modular socket with 25 Amp one way switch with indicator (near AC indoor unit 2 TR Cassette Unit) housed in manufacturers MS powder coated box to be fixed in ceiling wall near IDU	Nos	2.00		
6	Supply and fixing 20A 3-pin modular socket with 20A one way switch with indicator (near AC indoor unit) housed in manufacturers MS powder coated box to be concealed in wall and fixed near IDU	Nos	3.00		
7	Providing & Laying 4x4sqmm+2x2.5sqmm earth FRLS PVC conduit heavy-duty 2 mm thick with all heavy duty accessories for 3 TR Cassette unit (from DB to IDU)	Mtrs	25.00		

8	S/ laying of XLPE insulated armoured Cu Conductor cable including cost of lugs, cable glands etc. The cable should be laid on surface with proper clamps @750mm or laid & concealed in wall/ floor/ PVC Conduit/ false ceiling complete in all respect. The work also includes cutting chases for conduits in the wall/ floor (Without damaging the building) along with clamping the cable.				
	4c x 4sq.mm for 3TR Cassette units	Mtrs	40.00		
9	Supplying & Laying of 2R 4.0 sqmm & single run of 2.5 sqmm PVC insulated multi stranded single core copper conductor FRLS wire in 25mm PVC conduit to be laid in floor, partitions, etc complete with all accessories. (for cassette units) from AC DB to Cassette unit	Mtrs	40.00		
10	Supplying & Laying of 2R 2.5 sqmm & single run of 2.5 sqmm PVC insulated multi stranded single core copper conductor FRLS wire in 25mm PVC conduit to be laid in floor, partitions, etc complete with all accessories. (for split AC units) -(from Stabilizer to IDU) Supply.Stablizer to be installed in the panel room.	Mtrs	50.00		
	PART B AC Distribution Board :Sub Total (B)				
C	<u>Raw Power DBs & WIRING</u>				
1	Supply and laying of 4C 25Sq mm XLPE armoured Aluminium conductor cable 1.1 KV grade laid in wall/ ceiling with suitable clamping (For Power DB incoming) the cost includes termination and legs and other accessories	Mtrs	5.00		
2	Distribution board: Supply and Installation of 4 way TPNDDB (IP43) compressing of Incomer 63A 4P MCB - 01No,With 63A 4P30ma RCCB - 01No Out Going -. 16/10A SP MCB 12 Nos for RAW power DB Cost includes cutting, plastering and concealed in the wall.	Nos	1.00		

3	Supplying, laying, connecting & commissioning 2 runs of 2.5sq.mm. PVC insulated FRLS Wire in recessed PVC conduit, (one each for phase and neutral) with 1 run of 1.5 sq.mm. PVC insulated FRLS Wire in recessed PVC conduit, for continuous earthing in PVC conduits concealed in ceiling / wall / floor conduits with necessary clamps, screw, etc for RAW sockets. The rate including Supply and laying 25/20 mm PVC conduit pipe floor cutting and recondition the same	Mtrs	200.00		
	PART C Raw Power DB & Wiring :Sub Total (C)				
D	Lighting DBs & Point wiring				
1	DISTRIBUTION BOARD FOR Lighting: Supply and Installation of 4 way TPNCB (IP43) compressing of Incomer 63A 4P MCB - 01No, With 63A 4P30ma RCCB - 01No Out Going - 32/20/16/10A SP MCB 12Nos for Lighting DB Cost includes cutting, plastering and concealed in the wall	Nos	1.00		
2	Supply and Laying of 4core 25 Sq mm XLPE armored copper conductor cable 1.1 KV grade laid in wall / false ceiling with suitable clamps for Lighting DBs. The cost includes termination and legs and other accessories	Mtrs	5.00		
3	Wiring for light point/fan point/exhaust fan point/call bell point with two runs 1.5 sqmm PVC insulated FRLS wire in recessed PVC conduit, with modular type premium switch, suitable size G.I box and earthing the point with 1.5 sqmm PVC insulated FRLS Copper conductor single core cable, ceiling hose with all required nuts, screws and all accessories accessories				
a	One light controlled by one switch	Nos	17.00		
b	Two light controlled by one switch	Nos	30.00		
c	Three light controlled by one switch	Nos	5.00		
d	Call bell point with Buzzer	Nos	1.00		
e	6A socket with switch in switchboard itself	Nos	8.00		
f	one ceiling fan controlled by one switch & one electronic type 5step fan Regulator. Items Including of electronic modular regulator Anchor 22546 - Fan step regulator Tiny EME 100	Nos	14.00		

9	one exhaust fan controlled by one switch including ceiling rose to be provided near the exhaust fan for connections.	Nos	3.00		
5	Supplying, laying, connecting& commissioning 2 runs of 1.5sq.mm. PVC insulated FRLS wire in recessed PVC conduit,(one each for phase and neutral) with 1 run of 1.5 sq.mm. PVC insulated FRLS wire in recessed PVC conduit,for continuous earthing in PVC conduits concealed in ceiling / wall / floor conduits with necessary clamps, screw, etc for Emergency LIGHTING switch board circuits (UPS LIGHTS Circuits)	Mtrs	50.00		
6	Supplying, laying, connecting& commissioning 2 runs of 2.5sq.mm. PVC insulated FRLS wire in recessed PVC conduit,(one each for phase and neutral) with 1 run of 1.5 sq.mm. PVC insulated FRLS wire in recessed PVC conduit,for continuous earthing in PVC conduits concealed in ceiling / wall / floor conduits with necessary clamps, screw, etc for LIGHTING switch board circuits	Mtrs	120.00		
7	supply and Installation of 2X2 LED (30 watts - 36 watts), Lumens \geq 3600 Lumens, Full Glow to be fixed in the false ceiling with guide wires,screws and all necessary accessories etc. (RC380 LED 36S 6500K)	Nos	15.00		
8	supply and Installation of LED Round/Down Lighter , Lighting Fixture 15W or Lesser , Lumens \geq 1200Lumen (Recess mounted) with all necessary accessories required for the job (DN 172BLEDD 15S -6500PSUWH)	Nos	24.00		
9	Supply and Installation of PHILIPS LED tube 18w 2100lumens suitable for existing 4feet fitting with necessary wiring alterations with accessories required for the job.The job including cleaning the fittings.	Nos	40.00		
10	S/F of ceiling fan 1200mm sweep double ball bearing motor,capacitor,three MS blades dies cast aluminium housing in stove enameled white with suspension rod including all accessories of approved Make.	Nos	14.00		
11	Supply & Fixing of fresh air fan 12" heavy duty exhaust fan with louvre (UPS & Toilet)	Nos	3.00		
	Part D Raw Power DBs DISTRIBUTION BOARD & WIRING Sub total - C				

E	UPS DISTRIBUTION BOARD & WIRING				
1.0	Supply and laying of 4C 25 Sq mm XLPE armored Aluminium conductor cable 1.1 KV grade laid in wall/ ceiling with suitable clamping (For UPS DB incoming) the cost includes termination and legs and other accessories	Mtrs	10.00		
2.0	UPS Main DB Supply, erection, testing and commissioning of three phase 4 WAY, TPN MCB DB double door type with "C" Curve MCBs, IP 42 powder coated for UPS with 63A 4P MCBs – 1No as INCOMER 40A TP MCBs – 3 Nos. as OUTGOING (UPS :2Nos and 1 set ,: Spare Including all interconnections & accessories etc Make standard/Legrand/ABB	Nos	1.00		
3.0	Supply & Laying of 4 runs of 6.0 Sqmm and 2 runs of 2.5 sqmm, PVC insulated, single core, multistranded copper conductor cable in suitable rigid / flexible metal conduit from MainUPS DB to auto phase shifter.	Mtrs.	10.00		
4.0	Supply, installation, testing and commissioning of 40A rated 3 phase to single phase auto phase shifter for UPS	Nos	2.00		
5.0	Supply & Fixing of 32A DP MCB in 2way SPN Db IP 20 metallic directly on wall Raw power Incoming & OutGoing supply for UPS (Branch :2 Nos)	Nos	2.00		
6.0	UPS DISTRIBUTION BOARD FOR UPS OUTPUT				
	16 Way SPN MCB DB with 'C' curve MCBs. Incoming : 1 No. 40A DP MCB Outgoing : 14 Nos 6/10A	Nos	2.00		
7.0	<u>DISTRIBUTION BOARD FOR EMERGENCY LIGHTING</u> :Supply and Installation of 4 way SPND.B (IP43) comprising of 10A SP MCB 4 Nos for Emergency Lighting DB	Nos	1.00		
8.0	Supplying, laying, connecting& commissioning 2 runs of 2.5sq.mm. PVC insulated FRLS Wire in recessed PVC conduit, (one each for phrase and neutral) with 1 run of 1.5 sq.mm. PVC insulated FRLS Wire in recessed PVC conduit,for continuous earthing in PVC conduits concealed in ceiling / wall / floor conduits with necessary clamps, screw, etc for UPS sockets . The rate including Supply and laying 25/20 mm PVC conduit pipe floor cutting and recondition the same	Mtrs	350.00		

9.0	Supply & Laying of 2 runs of 6.0 Sqmm and 1 run of 2.5 sqmm, PVC insulated, single core, multistranded copper conductor cable in suitable rigid PVC conduit from automatch phase shifter to UPS unit	Mtrs	10.00		
10.0	Supply and Installation of Moduler type 2 X 20A plug & socket housed in for UPS output control (Branch 2 Nos .)	Nos	2.00		
11.0	Supply & Laying of 2 runs of 4.0 Sqmm and 1 run of 2.5 sqmm, PVC insulated, single core, multistranded copper conductor cable in suitable rigid / flexible metal conduit from UPS to UPS DB	Mtrs	10.00		
	Part E UPS DISTRIBUTION BOARD & WIRING Sub Total - E				
F	<u>SOCKETS</u>				
1	<u>UPS /RAW SOCKETS</u> Supply, fixing and connecting of 3 nos 6A socket controlled by 2nos 6A switch housed in a 8 module PVC/Metal base box covered with suitable module base and cover plate . for UPS sockets. For Server, CCTV, Fire Alaram & Rack	Nos	5.00		
2	For Work Station supply, fixing and connecting of 2no 6A UPS socket controlled by 1no 6A switch and 1 nos Raw power socket controlled by 1 no 6A switch , 1 No Telephone Point, 1 nos in a 6M, 3M &1M module PVC/Metal base box covered with suitable module base and cover plate . for UPS/Raw sockets. The cost Include concealed in Partition / wall with necessary accessories	Nos	25.00		
3	Supply, fixing and connecting of 1no 15 A socket controlled by 1no 15A switch housed in a 3 module PVC/Metal base box covered with suitable module base and cover plate . for UPS sockets. The cost Include concealed in Partition / wall with necessary accessories	Nos	5.00		
4	Supply, fixing and connecting of 2no 6A socket controlled by 2no 6A switch housed in a 3 module PVC/Metal base box covered with suitable module base and cover plate . for UPS sockets. The cost Include concealed in Partition / wall with necessary accessories	Nos	4.00		

5	Supply, fixing and connecting of 1no 6A socket controlled by 1no 6A switch housed in a 3 module PVC/Metal base box covered with suitable module base and cover plate . for UPS/RAW sockets. The cost Include concealed in Partition / wall with necessary accessories	Nos	32.00		
	Part F Sockets UPS /RAW Sub Total				
G	<u>EARTHING & ELECTRODE</u>				
1	Providing earth electrode all as per IS-3043 with 600x600x3mm copper plate fitted with 2nos 25mmx3mm copper flat and riveted to the plate.A link should be provided at the top with holes drilled for tapping for connections using brass bolt nut washer etc Rate should include 2mts long 40mm dia GI pipe Heavy with Funnel on Top with holes drilled for tapping connection. The rate including Excavation pit and filled up to surface with alternate layer of salt/charcoal mixture. A brick work masonry shall be constructed of size 450x450x300mm with CI cover (Ashlok make) (UPS Earthing)	Nos	1.00		
2	Supply, installation, testing and commissioning of GI pipe electrode 50mm dia 3 Mt long, 3mm thick as per IS- 3043 complete with all accessories like watering funnel, clamps etc. The same to be installed in a pit 3 Mt deep and filled with alternate layers of charcoal, salt mixed with river sand. A brick work masonry shall be constructed of size 450x450x300mm with CI cover and cement plastered at both inside and outside walls.	Nos	1.00		
3	Supply and laying of 10sq mm green copper wire in 20mm PVC conduit with all accessories from earth pit to UPS room Earth link.	Mtrs	70.00		
4	Supply and laying of 8SWG GI wire from G.floor Earth pit to 1st floor MV panel & AC	Mtrs	50.00		
5	Supply and laying of 10SWG GI wire for body earth LDB &UPS input, RAW power DB	Mtrs	70.00		
	Part G Earthing & Electrode Sub Total				

H	FLOOR JUNCTION BOXs				
1	Supply, erection, testing & commissioning of floor junction boxes with top cover fabricated out of hot dip Galvanised Sheet for bottom with four sides entry of Pipes and Top cover made of Stainlesssteel plate of 14 SWG for junction boxes.				
a	150x150x50mmx 2mm thick	Nos	3.00		
b	300x 300 x 50mm x 2mm thick	Nos	4.00		
	Part H Floor Junction Box Sub Total				
I	Telephone cables				
1	Supply and installation of 2-pair telephone tinned copper cable 0.5mm dia copper conductor PVC insulated through the above mentioned conduit and terminations at both ends. The cable should be laid in 1" rigid PVC conduit/channel at a minimum distance of 3ft from pipes laid down for power distribution. The rate including floor cutting and recondition the same	Mtr	300.00		
2	Supply and installation of RJ-11 telephone socket mounted in manufacturers zinc passivated MS box	Nos	27.00		
3	Supply & fixing of 20 pair Crone DB boxes	Nos	1.00		
	Part I Telephone Cables Sub Total(I)				
	SUMMARY				AMOUNT
A	MV PANEL works				
B	AC SYSTEM – DISTRIBUTION BOARD & WIRING FOR VRV SYSTEM				
C	Raw Power DBs & WIRING				
D	Lighting DBs & Point wiring				
E	UPS DISTRIBUTION BOARD & WIRING				
F	SOCKETS				
G	EARTH ELECTRODE				
H	FLOOR JUNCTION BOXs				
I	TELEPHONE CABLES				
	GRAND TOTAL				

Total Amount in words:

Rupees.....only

GST (taxes) will be extra

Place:

Signature & Seal of the Tenderer

Date:

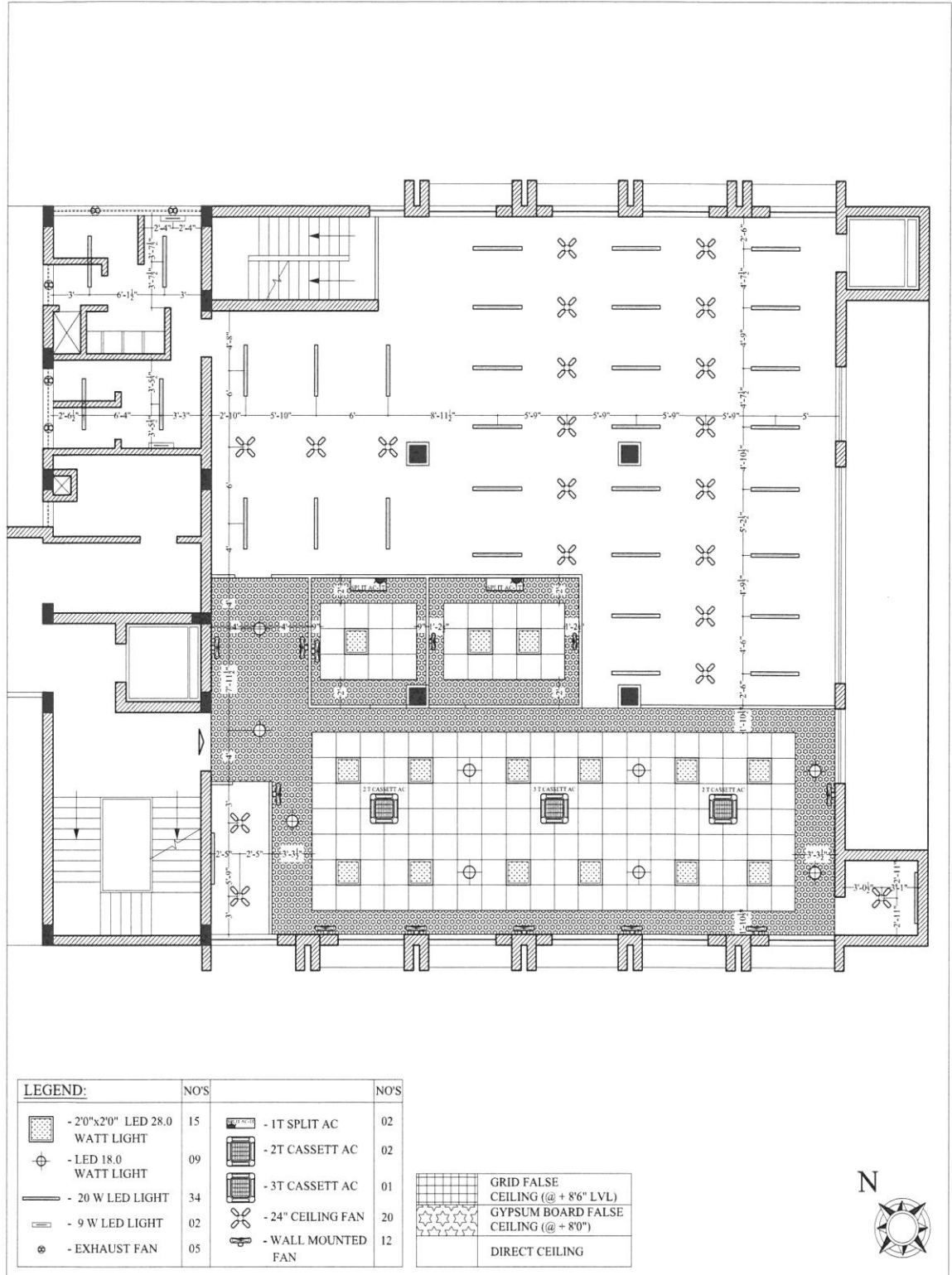
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Indian Bank

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ALLAHABAD



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PROJECT NAME:
RENOVATION OF 2ND FLOOR
CLIENT NAME:
INDIAN BANK
PLACE OF THE PROJECT:
T.NAGAR, CHENNAI.

TITLE:-
PROPOSED FALSE CEILING LAYOUT
A3-FORMAT-II.7"x16.5"

SCALE : 1"= 6'6"/10'0"(A4)
DATE : 06-03-2021
DRN BY: EUGINE
DRG NO. DRAWING-02
JOB NO:
CHK BY: R.KANNAN

FOARCONS
FORUM ARCHITECTURAL CONSULTANTS
NO#1 GANGEA FLATS, 3/2#NAKKIRAN ST,
WEST MAMBALAM, CHENNAI - 600 033
PH: 044 24812179, CELL: 9381031665
EMAIL ID: FOARCONS@YMAIL.COM

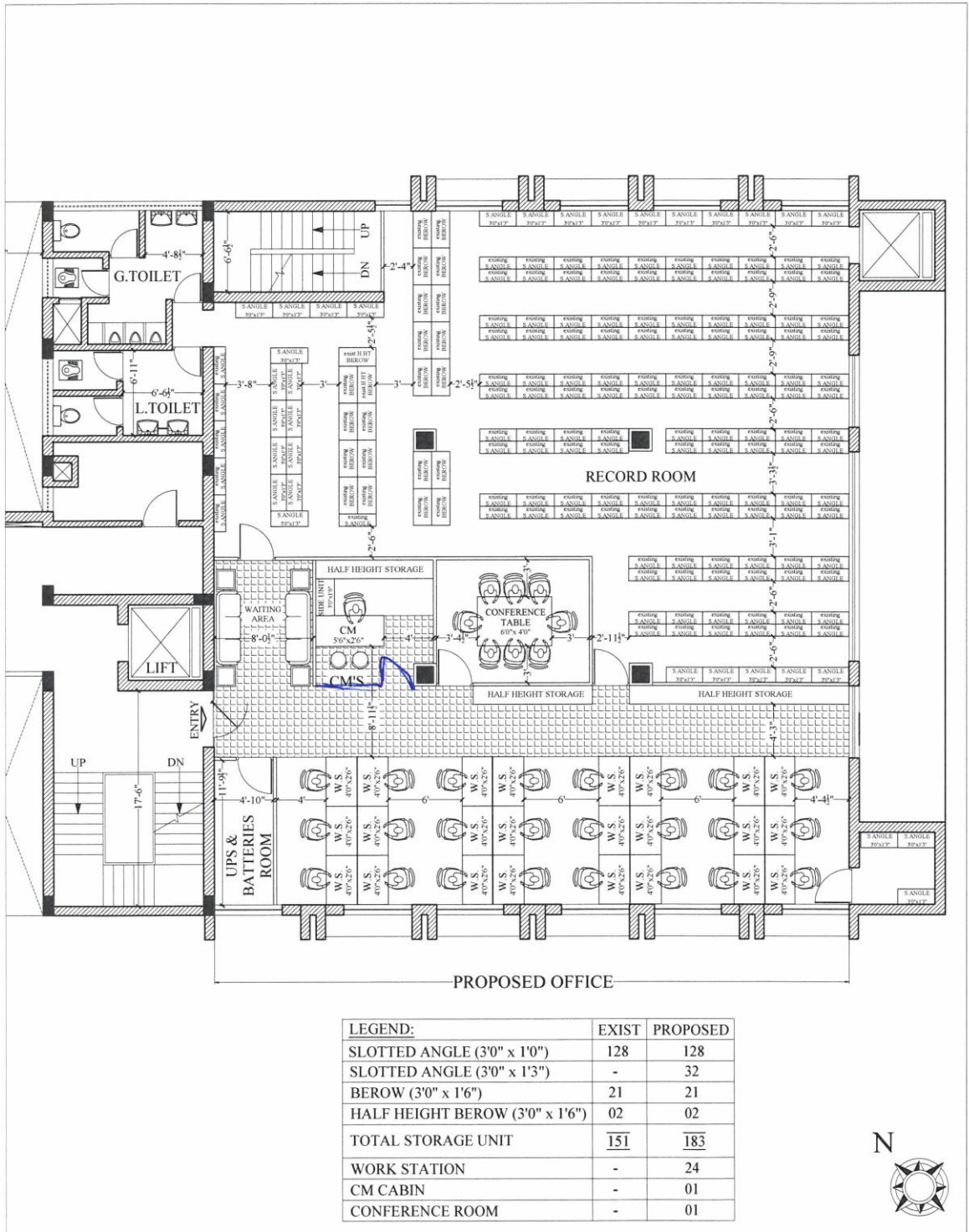
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Indian Bank

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PROJECT NAME:
RENOVATION OF 2ND FLOOR
CLIENT NAME:
INDIAN BANK
PLACE OF THE PROJECT:
T. NAGAR, CHENNAI.

TITLE:-
PROPOSED
INTERIOR LAYOUT
SECOND FLOOR (OP-05)
A3-FORMAT-II.7"x16.5"

SCALE : 1" = 6'6"/100'(A4)
DATE : 27-02-2021
DRN BY: **EUGINE**
DRG NO: **SCH-3-SF-OP-5**
JOB NO:
CHK BY: **R KANNAN**

FOARCONS
FORUM ARCHITECTURAL CONSULTANTS
NO. 10 GANGA PLATS 3/2# NAKKIRAN ST,
WEST MAHALAKH CHENNAI - 600 033
PH: 044 26812179, CELL: 9381034445
EMAIL ID: **FOARCONS@YMAIL.COM**

