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TENDER:	PROPOSED INTERIOR AND ELECTRICAL WORKS IN MAPC & RAPC AT 4TH FLOOR INDIAN BANK 55- ETHIRAJ SALAI EGMORE CHNNAL.
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CONSULTANTS:	FOARCONS FORUM ARCHITECTURAL CONSULTANTS No.1 GANGA FLATS, 3/2 - NAKKIRAR ST, WEST MAMBALAM, CHENNAI – 600 033. PH: 24812179, 9381034445
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Note: At the time of forwarding the offer the Contractor has to make sure that the returned tender document contains all the pages mentioned above and also duly sign and stamp all the pages after careful study of them.

1.0 NOTICE INVITING TENDER

1.0	EMPLOYER/OWNER	M/S. INDIAN BANK ZONAL OFFICE CHENNAI (SOUTH) NO-55 ETHIRAJ SALAI EGMORE CHENNAI - 600008
1.1	NAME OF WORK	TENDER FOR PROPOSED INTERIOR AND ELECTRICAL WORKS IN MAPC & RAPC INDIAN BANK, EGMORE, CHENNAI.
1.2	PERIOD OF AVAILABILITY OF BIDDING DOCUMENT	01.11.2021 to 15.11.2021
1.3	TENDER DOCUMENTS AVILABILITY IN THE WEBSITE.	www.indianbank.com
1.4	LAST DATE, TIME & PLACE FOR RECEIPT OF BIDS	15.11.2021, 11.00am at INDIAN BANK, Zonal Office Chennai(south), No-55 Ethiraj Salai, Egmore Chennai-600008
1.5	DATE & TIME FOR OPENING OF BIDS	15.11.2021, 11.30am at submission office
1.6	EARNEST MONEY DEPOSIT	₹23,000/-

To,

Dear Sir,

TITLE: TENDER FOR PROPOSED INTERIOR AND ELECTRICAL WORKS IN MAPC & RAPC INDIAN BANK, EGMORE, CHENNAI.

All tender papers filled and completed along with the conditions of tender, contract and specifications, all duly signed at every page, shall be sent before **11.00 am On 15.11.2021** to **INDIAN BANK**, Zonal Office Chennai(south), No-55 Ethiraj Salai, Egmore Chennai-600008, with Earnest Money for **₹23,000/-** drawn in favour of **INDIAN BANK, Chennai** can be submitted in a sealed cover and super scribed **“TENDER FOR PROPOSED INTERIOR AND ELECTRICAL WORKS IN MAPC & RAPC INDIAN BANK, EGMORE, CHENNAI.”** Tender will be received on **15.11.2021 11.00 am** up to those who are interested at the time of opening of the Tender may present on **15.11.2021 11.30 am**

The Zonal Manager shall not be bound to accept the lowest bid and reserves the right to reject any or all the tenders without assigning any reason thereof.

The tender shall be valid for a period of 60 days from the date of opening of the tender.

2.0 INSTRUCTIONS TO BIDDERS

- 2.1 Scope of bid
- 2.2 Eligible bidders
- 2.3 One bid per bidder
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2.1 Scope of bid

INDIAN BANK, Zonal Office Chennai (south) invites bids for **TENDER FOR PROPOSED INTERIOR AND ELECTRICAL WORKS IN MAPC & RAPC INDIAN BANK, EGMORE, CHENNAI..** (As defined in these documents & referred to as "the works") detailed herewith.

2.1.1 The successful bidder will be expected to complete the work/s by the intended completion date & to the desired quality as specified in the contract data.

2.2 Eligible bidders

2.2.1 The invitation to bids is open to all bidders as eligible & empanelled with the bank as invited.

2.2.2 All bidders shall provide in section 3.0 forms of bid & qualification information, a statement the bidder is not associated, nor has been associated in the past, directly or indirectly, with the consultant or any other entity that has prepared the design, specification & other documents for the project or being proposed by the **Zonal Office Chennai (south)** or any of its officers.

2.3 One bid per bidder

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

2.4 Cost of bidding

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

2.5 Site visit

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

2.6 Clarification of bidding documents

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

2.7 Amendment to bidding document

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

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

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

2.8 All documents relating to the bid shall be in English language only.

2.9 Bid prices

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

- 2.9.2** The bidder shall fill in rates & prices for all items of the works described in the bill of quantities. Items for which no rate or price is entered by the bidder will not be paid for by the employer when executed & shall be deemed covered by the other rates & prices in the bill of quantities. Crossing out, initialing, dating & rewriting, if any, shall make corrections.
- 2.9.3** All Item rates & prices are excluding GST and GST will be paid separately.
- 2.9.4** The rates & prices quoted by the bidder shall be fixed for the duration of the contract & shall not be subject to adjustment on any account.

2.10 Bid validity

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

2.11 Bid security (earnest money)

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

2.12 Format & signing of bid

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

2.13 Sealing & marking of bids

- 2.13.1** The bidder shall seal the original bid in a non-transparent envelope duly marking it as original.
- 2.13.2** The envelope shall be addressed to the employer at the following address:

INDIAN BANK
Zonal Office Chennai (south),
No-55 Ethiraj Salai, Egmore
Chennai-600008.

- 2.13.3** The top of the envelope shall have clearly written in block letter the following:
**Bid for "TENDER FOR PROPOSED INTERIOR AND ELECTRICAL WORKS IN
MAPC & RAPC INDIAN BANK, EGMORE, CHENNAI."**
- 2.13.4** The lower left hand corner of the envelope, the name & address of the bidder along with the telephone no. /s & fax no. /s should be inscribed.
- 2.13.5** If the outer envelop is not sealed & marked as in 2.14.1, the employer will assume no responsibility for the misplacement or premature opening of the bid.

2.14 Deadline for submission of bids

Bids must be received by the employer at the specified above no later than **15.11.2021, 11.00 am**. In the event of the specified date for the submission of the bids is declared as a holiday by the employer's organization, the bids will be received up to the appointed time on the next working day.

- 2.14.1** The employer may extend the deadline for submission of bids by issuing an amendment in which case all rights & obligations of the employer & the bidders previously subject to the original deadline will then be subject to the new deadline.
- 2.14.2** In case of the above, all those bidders whose names, addresses & fax nos. are in record with the employer will be intimated by cable at least two days in advance of the proposed date of submission of the bid.
- 2.14.3** Those bidders who fail to register their name, addresses & fax nos. with the employer at the time of collection of the bid document shall have no right to 2-15-3 & can not hold the employer responsible for any damages whether direct or indirect.

2.15 Late bids

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

2.16 Bid opening

- 2.16.1** The employer will open the bids, in the presence on the bidders or their authorized representative/s who chose to attend at **11:30 am** on the date & place specified in the bid document. In the event of the specified date of the bid opening being declared a holiday by the employer's organization, the bids will be opened at the appointed time & location on the next working days.
- 2.16.2** The bidder's name, the bid price, the total amount each bid & any discounts, the presence or absence of bid security & such other details as the employer may consider appropriate, will be announced by the employer at the opening. Any bid price, discount, or alternative bid price, which is not & recorded at the bid opening, will not be taken into account in bid evaluation.

2.17 Process to be confidential

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

2.18 Clarification of bids

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

2.19 Analysis for freak rates

- 2.19.1** The bids shall be evaluated against standard rates of the architect for freak rates as/ IBA guidelines. The higher freak rates of L1 bid shall be negotiated to be reduced to acceptable limits & contractor will be asked to explain workability of lower freak rates. Tenders with unworkable rates are liable to be rejected.

2.20 Decision of bank in case of freak rates

- 2.20.1** The decision of the bank in case of freak rates shall be final & binding on the bidders.

2.21 Examination of bids & determination of responsiveness

- 2.21.1** Prior to the detailed evaluation of bids, the employer will determine whether each bid.
- (a) Meets the eligibility criteria of the bank.
 - (b) Has been properly signed
 - (c) Is accompanied with the required securities
 - (d) Is substantially responsive to the requirements of the bidding documents.

2.21.2 A substantially responsive bid is one, which confirms to all terms, conditions & specifications of the building documents without material deviation or reservation. A material deviation or reservation is one:

- (a) This limits in any substantial way the scope, quality or performance of the works.
- (b) This limits in any substantial way, inconsistent with the bidding document, the employer's rights or the bidder's obligations under the contract.
- (c) Whose rectification would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

2.21.3 If a bid is not substantially responsive, it will be rejected by the employer, & may not subsequently be made responsive by correction or withdrawal of the non-confirming deviation or reservation.

2.22 Correction of errors

2.22.1 The employer for any arithmetic errors will check bids determined to be substantially responsive. Errors will be corrected by the employer as follows:

- (a) Where there is a discrepancy between the rates in figures & in words, the rate in words shall govern.
- (b) Where there is a discrepancy between the unit rate & the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern.

2.22.2 The amount stated in the bid will be adjusted by the employer in accordance with the above procedure for the correction of errors & with the concurrence of the bidder, shall be considered as binding upon the

2.22.3 Bidder. If the bidder does not accept the correction amount, the bid will be rejected & the bid security may be forfeited.

2.23 Evaluation & comparison of bids

2.23.1 The employer will evaluate & compare only bids determined to be substantially responsive in accordance with clause no. 2.21.

2.23.2 In evaluating the bids, the employer will determine for each bid the evaluated bid price by adjusting the bid price follows:

- (a) Making any correction for errors pursuant to clause no. 2.22
- (b) Making appropriate adjustment for any other acceptable variations, deviations etc.
- (c) Making appropriate adjustments to reflect discounts or other price modifications offered.

2.23.3 The employer reserves the right to accept or reject any variation, deviation or alternative offer. Variations, deviations & alternative offer & other factors which are in excess of the requirements of the bidding documents or otherwise result in unsolicited benefits for the employer shall not be taken into account in bid evaluation.

2.24 Award criteria

2.24.1 Subject to clause 2.25, the employer will award the contract to the bidder whose bid has been determined to be substantially responsive to the bidding documents & who has offered the lowest evaluated bid price. Provided that such bidder has been determined to be eligible in accordance with provisions of clause 2.2.7 qualified in accordance with provisions of clause 2.3. It may be noted that having lowest bid is not the only criterion for award of the contract & does not guarantee the bidder of getting the contract.

2.25 Employer's right to accept any bid & to reject any or all bids

2.25.1 Not with standing clause 2.24, the employer reserves the right to accept or reject any bid, & to cancel the bidding process & reject any or all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds of the employer's action.

2.26 Notification of award & signing of agreement

2.26.1 The employer prior to expiration of the bid validity period will notify the bidder whose bid has been accepted of the award by cable confirmed by registered letter. The letter (hereinafter & in the conditions of contract called the "letter of acceptance") will state the sum that the employer will

pay the contractor in consideration of the execution, completion & maintenance of the works by the contractor as prescribed by the contract (herein after called the 'contract price')

2.26.2 The agreement will incorporate all agreements between the employer & the successful bidder. It will be signed by the employer & sent to the successful bidder within 28 days following the notification of award along with the letter of acceptance. Within 7 days of the receipt, the successful bidder will have to sign the agreement & deliver it to the employer.

2.26.3 If the successful bidder fails to do so, the employer will assume that the successful bidder is unwilling to execute the contract & the bid security of the successful bidder will be forfeited.

2.26.4 In case of 2.26.4, the employer reserves the right to award the contract to the next lowest bidder provided he agrees to work on the same bid price as that of the successful bidder.

2.26.5 The owner may, at his own discretion, in the event of 2.26.4 happening call for fresh bids.

2.26.6 Upon the furnishing by successful bidder of the performance security, the employer will promptly notify the other bidders that their bids have been unsuccessful.

2.27 Defects liability period

2.27.1 Twelve months from the date of virtual completion.

2.28 Compensation for delay

2.28.1 1% of the accepted contracted sum per Week subject to a ceiling of 10% of the accepted contract value inclusive of Sunday & holidays.

2.29 Advance payment

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

To,

INDIAN BANK,
Zonal Office Chennai(south),
No-55 Ethiraj Salai, Egmore
Chennai-600008

TITLE: TENDER FOR PROPOSED INTERIOR AND ELECTRICAL WORKS IN MAPC & RAPC INDIAN BANK, EGMORE, CHENNAI..

Sir,

1. I/We submit tender for execution of work as mentioned above as per the tender documents within the time schedule of completion of work for jobs, as separately signed & accepted by me/us. At the schedule of rates quoted by me/us for the whole work in accordance with notice inviting tender, instructions to the bidder, conditions of contract, important tender conditions, technical specifications, list of approved materials, bill of quantities, drawings as per all other details given in the tender document.
2. It has been explained to me/us that the time stipulated for jobs & completion of works in all respects & in different stages mentioned in the time schedule of completion of jobs & signed & accepted by me/us is the essence of the contract. I/we agree that in the case of failure on my/us part to strictly observe the time of completion mentioned for job/s on any of them to the completion of job/s, I/we shall pay compensation to the owner as per the provision & stipulations contained in the tender document & I/we agree to recovery being made as specified therein. In exceptional circumstances, extension of time will not be counted for the extension of completion dates stipulated for the job & for the final completion of work as stipulated in the said "time of schedule" of completion of jobs.
3. I/we agree to pay the security deposit & accept the terms & conditions laid down below in this respect:
 - (a) Initial Security Deposit till completion of the Work: 1% (Include Earnest Money Deposit) of the accepted Contract Sum.
 - (b) Retention money: 10% of the accepted tender Sum (including initial Security Deposit & Retention Money)
 - (c) E.M.D.: We deposit herewith E.M.D. of ₹13,000/- by D.D. no. Favoring, **INDIAN BANK, Chennai.**
 - (d) Liquidated damages for Non Completion of Work within Stipulated Period: 1% of the accepted contracted sum per Week subject to a ceiling of 10% of the accepted contract value.

Should this tender be accepted, I/we hereby agree to abide by & fulfill all terms & conditions to above & in default therefore, to forfeit & pay to the owner or its successors or its authorized nominees such sums of money as are stipulated in conditions of contract.

4. If I/we fail to commence the work specified in the memorandum in Para (2) above, or I/we fail to deposit the amount of security deposit specified in the memorandum in (3) above, I/we agree that the said owner or its successor without prejudice to any other right or remedy be at liberty to forfeit the said security specified in (3) above. The said owner shall also be at liberty to cancel the notice of acceptance of tender in I/we fail to execute an agreement or to start work as stipulated in the tender documents.

Date..... Day of2021

Name in block letters:

Yours faithfully,

Signature of tenderer/s with the seal of the firm

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

4. CONDITONS OF CONTRACT

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4.1 Definitions

- 4.1.1 Bill of quantities means the prices & complete bill of quantities forming part of the bid.
- 4.1.2 The contract is the contract between the employer & the contractor to execute, complete & maintain the works.
- 4.1.3 The contractor is a person or corporate body whose bid to carry out work has been accepted by the employer.
- 4.1.4 The contract data defines the documents & other information, which comprise the contract.
- 4.1.5 The contractor's bid is the completed bidding document submitted by the contractor to the employer.
- 4.1.6 The contract price is the price stated in the letter of acceptance & thereafter as adjusted in accordance with the provisions of the contract.
- 4.1.7 Days are calendar days; months are calendar months.
- 4.1.8 The defects liability period is the period named in the contract data & calculated from the completion date.
- 4.1.9 The employer is the party who will employ the contractor to carry out the works. In this case it will be: **INDIAN BANK**
Zonal Office Chennai(south),
No-55 Ethiraj Salai, Egmore
Chennai-600008
- 4.1.10 The Engineer/Architect is the person named in the contract data or any other competent person appointed & notified to the contractor to act as replacement to the engineer/architect) who is responsible for supervising the contractor, administering the contract, certifying payments due to the contractor, issuing & valuing variations to contract, awarding extensions of time (if permissible) & valuing the compensation events (if permitted).
In this case the engineer/architect will be: **M/s FOARCONS**,
Forum Architectural consultants
Ganga Flats, 3/2 Nakkirar Street,
West Mambalam, Chennai - 33.
- 4.1.11 Equipment is the contractor's machinery & vehicles brought temporarily to the site to construct works.
- 4.1.12 The initial contract price is the contract price listed in the employer's letter of acceptance.
- 4.1.13 The intended completion date is the date on which it is intended that the contractor shall complete the works. The intended completion date is specified in the contract data. The intended completion date may be revised only by the engineer in consultation with the owner by issuing an extension of time
- 4.1.14 Materials are all supplies, including consumables, used by the contractor for incorporation in the works.
- 4.1.15 The site is the area defined as such in the contract data which shall be: **INDIAN BANK** Zonal Office Chennai(south), No-55 Ethiraj Salai, Egmore Chennai-600008
- 4.1.16 Specification means the specification of the works included in the contract & any modification or addition made or approved by engineer/architect.

- 4.1.17 The start date is given in the contract data; it is the date when the contractor shall commence execution of the works. It does not necessarily coincide with any of the site possession data.
- 4.1.18 Temporary works are works designed, constructed, installed & removed by contractor which are needed for construction or installation of the works.
- 4.1.19 A variation is an instruction given by the engineer/architect, which varies the work.

4.2 Employer's risk

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

4.3 Contractor's risk

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

4.4 Insurance

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

- (a) Contractor's all risks insurance policy to cover the following:
- (b) Policy to cover contractor's liability under workmen's compensation act 1923, minimum wages act 1948, contract labour (regulation & abolition act 1970 7 other relevant acts listed elsewhere. This shall be for the periled of compensation period.

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

4.5 Safety

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

4.5.1 Discoveries

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

4.6 Possession of the site

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

4.7 Samples & Shop drawings

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

4.8 Time of completion

The work shall be completed in all respects within 45 days (including holidays & Sundays) from the date of award or work inclusive of mobilization period.

4.9 Water & electricity

The contractor at one or more convenient point/s at his own cost & methods shall arrange these without any liability to the bank.

4.10 Virtual completion

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

4.11 Variations

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

4.12 Type of contract

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

4.13 Schedule of quantities & variations

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

4.14 License & permits

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

4.15 Taxes

The rates quoted by the contractor for each item shall be exclusive of GST. GST will be paid separately.

4.16 Delays

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

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

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

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

4.17 Compensation for delay

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

4.18 Liquidation damages

1% of the accepted contracted sum per Week subject to a ceiling of 10% of the accepted contract value inclusive of Sunday & holidays. The contractor shall pay the owner such as stipulated liquidation damage for each day.

4.19 Labour regulations

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

4.20 Security

It will be the responsibility of the contractor only.

4.21 Escalation of material's cost

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

4.22 Extras & variations

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

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

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

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

4.23 Withholding of payments

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

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

4.24 Correction of work before virtual completion of work

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

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

4.25 Virtual completion

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

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

4.26 Defects

4.26.1 The contractor shall make good, at his own cost & to the satisfaction of the architect from work of materials not being in confirmation of the drawings or specifications or schedule of quantities or the specifications of the architect, which may appear within twelve months after completion of work.

4.26.2 Any defects notice & brought to the attention of the contractor shall be promptly attended to by the contractor expeditiously.

4.26.3 After the contract is signed, the contractor will be furnished with two copies of the drawings & two copies each of conditions & contract, specifications & schedule of quantities without cost to him for his own use until the completion of the contract. Additional copies of the drawings & other documents will be supplied on payment to the architect at actual cost.

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

4.27 Methods of measurement

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

4.28 Dismissal of contractor's employees

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

4.29 Termination of the contract by the owner

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

4.30 Jurisdiction

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

4.31 Tests & certificates

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

4.32 Cleaning the site

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

4.33 Operational constraints

None

5. IMPORTANT TENDER CONDITIONS

(Over riding any other condition laid down earlier)

1. Possession of site : Immediate
2. Date of commencement of work : Immediate
3. Time of completion : 30 days from the date of handing over the site.
4. Liquidation damages per day : 1% of the accepted contracted sum per Week subject to a ceiling of 10% of the accepted contract value inclusive of Sunday & holidays.

5. Payment schedule : 75% of the certified amount for payment to be released within 3 days from the date of interim certificate from the Architect and balance payable amount within 7 days.
6. Retention money : 10% (Ten percent only) of the value of the interim bills as/3.3(a)
7. Period of submitting final bills : Within 30 days of virtual completion of work
8. Release of retention money : (a) Retention money: after the discharge of the defects liability period.
(b) The earnest money deposited will be adjusted in the retention money.

9. Defects liability : 12 months from the date of virtual completion
10. Period of final measurement : 2 weeks after virtual completion of work.
11. Income tax : Will be deducted as per the prevailing income tax laws.

6. TECHNICAL SPECIFICATIONS

6.1 Materials

6.1.1 Quality

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

6.1.2 Sampling & testing

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

6.2.3 Rejection

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

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

6.2 Workmanship

All works shall be true to the specifications mentioned and as per the relevant ARE codes & their latest amendments.

6.3 Finish

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

6.4 Samples

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

MATERIAL LIST FOR PROPOSED INTERIOR WORKS IN MAPC & RAPC FOR INDIAN BANK EGMORE CHNNAI.

S.N	LIST OF MATERIALS	APPROVED BRAND
INTERIOR WORKS		
1	BWR/BWP GRADE Plywood	Green Ply "Ecoteck BWP IS 701" / Century Ply "Sainik BWP IS 701"/Archit ply "Classic BWP IS 701"
2	1mm thick laminate	Sunmica / Green lam/Archit lam
3	Aluminium sections	Jindal or ISI brand (2mm thickness)
4	0.8mm thick laminate	Sunmica / Green lam/Archit lam
5	Plain glass	Saint Gobain / Modiguard
6	Flush door	Greenply / Century / Oswin
7	Teak wood frame and beadings	1st quality
8	Gypsum Board Ceiling	"Gyproc" Saint-Gobain With and "ULTRA" GI Sections / Armstrong
9	Vertical blinds	Alta vista / Marvel
10	Hardware (Screws, Nails, Stays Etc.)	Earl Bihari / Efficient Gadgets / Imex
11	Concealed Hinges	Godrej /Ebco
12	2mm thick PVC edge band	Rehau / ASIS
13	Handles for Storage	Godrej / Dorma / Ebco
14	Multipurpose lock	Godrej / Ebco
15	Door Closers	Godrej / Dorma / Ebco
16	Adhesive	Fevicol SH
17	Frosted flim	3M
18	Flush door hinges	Garg / Godrej
19	Flush door handles and Locks	Godrej / Dorma / Ebco
20	Painting in Inner walls	Asian "Tractor Emulsion" / ICI
21	Painting in Ceiling	Asian "Tractor Emulsion" / ICI
22	Enamel paint	Asian / ICI
23	Duco paint	Duco Automotive paint from AkzoNobel Ltd
24	Postforming	1st quality
25	Fabric	1st quality

MATERIAL LIST FOR PROPOSED ELECTRICAL WORKS IN MAPC & RAPC FOR INDIAN BANK EGMORE CHNNAI.

S.N	LIST OF MATERIALS	APPROVED BRAND
ELECTRICAL WORKS		
1	DB's, ENCLOSURE's, MCB's, MCCB's and Isolator	Legrand / Seimens / Schneider
2	Armoured Aluminium and Copper cable	Polycab / Anchor / Finolex / Orbit
3	Gland & Lugs	Polycab / Anchor / Finolex / Orbit / Dowell
4	Automatic phase shifter	Swift
5	FRLS PVC copper wire	Polycab / Anchor / Finolex / Orbit
6	Switch's, Sockets, Metal Box & PVC box	Anchor Roma
7	PVC conduit pipe & fittings	Avon Plast / Modi
8	Light fittings	Philips / Elenserve
9	Wall mounted fans	Crompton Creaves
10	Krone box	1st quality
11	2 Pair and 20 Pair Telephone Cable	Polycab / Anchor / Finolex / Orbit
12	CAT6 Data cable	D-Link
13	Data and Telephone Sockets	Anchor Roma
14	1M and 2M Mounting cord	D-Link
15	8 port CAT 6 switch	D-Link
16	8 Port CAT 6 Jack Panel	D-Link
17	6U rack	HCL

NOTES:

- Equivalent means equivalent in the opinion of architect/bank engineer, and every materials to be get approval from architect/bank engineer in the form of material checklist, it is filled by the contractor before starting the work and it should be verified by the supervisor at site.
- Advance/final bills are in same format of bill of quantities with measurements sheet.
- Single line format bills for advance/ final payment shell be not be acceptable.
- Any changes in the drawing or required for the site with conformation of architect / bank engineer.
- If additional works required apart from the tender. Those items to be prepared with rate analyses

MATERIAL CHECK LIST FOR PROPOSED INTERIOR WORKS IN MAPC & RAPC FOR INDIAN BANK EGMORE CHNNAL. (PART 1/3)					
S.No	List of Materials	Approved make of Materials	Approved make of materials going to be used by the L1-contractor and filled by them	To be checked at site on:	To be checked at site on:
INTERIOR WORKS					
1	BWR/BWP GRADE Grade Plywood	Green Ply "Ecoteck BWP IS 701" / Century Ply "Sainik BWP IS 701"/Archit ply "Classic BWP IS 701"			
2	1mm thick laminate	Sunmica / Green lam/Archit lam			
3	Aluminium sections	Jindal or ISI brand (2mm thickness)			
4	0.8mm thick laminate	Sunmica / Green lam/Archit lam			
5	Plain glass	Saint Gobain / Modiguard			
6	Flush door	Greenply / Century / Oswin			
7	Teak wood frame and beadings	1st quality			
8	Gypsum Board Ceiling	"Gyproc" Saint-Gobain With and "ULTRA" GI Sections / Armstrong			
9	Vertical blinds	Alta vista / Marvel			
10	Hardware (Screws, Nails, Stays Etc.)	Earl Bihari / Efficient Gadgets / Imex			
11	Concealed Hinges	Godrej /Ebco			
12	2mm thick PVC edge band	Rehau / ASIS			
13	Handles for Storage	Godrej / Dorma / Ebco			
14	Multipurpose lock	Godrej / Ebco			
15	Door Closers	Godrej / Dorma / Ebco			
16	Adhesive	Fevicol SH			
17	Frosted flim	3M			
18	Flush door hinges	Garg / Godrej			

MATERIAL CHECK LIST FOR PROPOSED INTERIOR WORKS IN MAPC & RAPC FOR INDIAN BANK EGMORE CHNNAL. (PART 2/3)

S.No	List of Materials	Approved make of Materials	Approved make of materials going to be used by the L1-contractor and filled by them	To be checked at site on:	To be checked at site on:
19	Flush door handles and Locks	Godrej / Dorma / Ebco			
20	Painting in Inner walls	Asian "Tractor Emulsion" / ICI			
21	Painting in Ceiling	Asian "Tractor Emulsion" / ICI			
22	Enamel paint	Asian / ICI			
23	Duco paint	Duco Automotive paint from AkzoNobel Ltd			
24	Postforming	1st quality			
25	Fabric	1st quality			
	Signature of the of the contractor	Signature of the architects			

MATERIAL CHECK LIST FOR PROPOSED ELECTRICAL WORKS IN MAPC & RAPC FOR INDIAN BANK EGMORE CHNNAI. (PART 3/3).

S.No	List of Materials	Approved make of Materials	Approved make of materials going to be used by the L1-contractor and filled by them	To be checked at site on:	To be checked at site on:
ELECTRICAL WORKS					
1	DB's, ENCLOSURE's, MCB's, MCCB's and Isolator	Legrand / Seimens / Schneider			
2	Armoured Aluminium and Copper cable	Polycab / Anchor / Finolex / Orbit			
3	Gland & Lugs	Polycab / Anchor / Finolex / Orbit / Dowell			
4	Automatic phase shifter	Swift			
5	FRLS PVC copper wire	Polycab / Anchor / Finolex / Orbit			
6	Switch's, Sockets, Metal Box & PVC box	Anchor Roma			
7	PVC conduit pipe & fittings	Avon Plast / Modi			
8	Light fittings	Philips / Elenserve			
9	Wall mounted fans	Crompton Creaves			
10	Krone box	1st quality			
11	2 Pair and 20 Pair Telephone Cable	Polycab / Anchor / Finolex / Orbit			
12	CAT6 Data cable	D-Link			
13	Data and Telephone Sockets	Anchor Roma			
14	1M and 2M Mounting cord	D-Link			
15	8 port CAT 6 switch	D-Link			
16	8 Port CAT 6 Jack Panel	D-Link			
17	6U rack	HCL			
	Signature of the of the contractor	Signature of the architects			

**SCHEDULE OF QUANTITIES FOR PROPOSED INTERIOR WORKS IN MAPC & RAPC
FOR INDIAN BANK EGMORE CHNNAL.**

S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
	INTERIOR WORKS				
	ALL PLYWOOD SHALL BE BWR GRADE ONLY				
1	Supplying and fixing of following Tables- Table top to be made with 25mm thick BWR Plywood 180 degree (full round) post formed edges on two sides of approved post forming laminate shade and colour. Drawer unit and openable storage shutter to be finished with 90 degree (Half round) post formed edges on two vertical sides. 19mm thick BWR plywood frame work in all sides with one keyboard tray, one side one drawer, one openable storage with 19mm BWR plywood shelf provision, CPU stand and footrest. Key board tray and drawer telescopic slides make of godrej/ebco only others not accepted. All exposed surfaces and front apron finished with 1mm thick laminate of approved colour, combination of laminate for skirting and borders. Internal surfaces finished with 0.8mm thick laminate of white colour of approved brand. Plywood edges to be finished with 2mm thick machine pressed edge band of approved colour. Necessary hardware such as locks, hinges, telescopic drawer slides, handles and wire manager are approved make. Cost include 8mm bronze glass for table top with edge machine polish and wire manager holes. Cost include wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift and etc. Complete as per drawings and instructions of the Architect.				
	a) A G M's Table (6'0" length, 3'0" width & 2'6" height) with 8mm bronze glass for table top with edge machine polish and wire manager holes.	1	NO		
	b) C M's Table (5'0" length, 2'6" width & 2'6" height) without 8mm bronze glass	2	NOS		
2	Work stations (4'0" length, 2'6" width & 2'6" height)- Supplying and fixing Table top to be made with 25mm thick BWR Plywood 180 degree (full round) post formed edges on two sides of approved post forming laminate shade and colour. 19mm thick BWR plywood frame work in all sides with one footrest. All exposed surfaces and front apron finished with 1mm thick laminate of approved colour, combination of laminate for skirting and borders. Internal surfaces finished with 0.8mm thick laminate of white colour of approved brand. Plywood edges to be finished with 2mm thick machine pressed edge band of approved colour. Cost include wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift and etc. Complete as per drawings and instructions of the Architect.	16	NOS		

**SCHEDULE OF QUANTITIES FOR PROPOSED INTERIOR WORKS IN MAPC & RAPC
FOR INDIAN BANK EGMORE CHNNAL.**

S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
3	Conference room table (8'0" length, 4'0" width and 2'6" height)- Supplying and fixing of Table top to be made with 25mm thick BWR plywood and 19mm thick BWR plywood to be used for frame work and fixed with all necessary hardware's like clamps, screws, adhesive, nails and etc. Table top thickness to be made with 25mm plus 19mm plywood thick in all four sides. All exposed surfaces finished with 1mm thick laminate of approved colour, combination of laminate for skirting and borders. Plywood edges to be finished with 2mm thick machine pressed PVC edge band of approved shade and colour. Understructure of tables shall have good wire management capabilities with separate routing for power, ups and data/voice cables. Cables from floor or wall to the table top should be concealed within the table leg. All electrical and data/voice points to be accessed from table top through a cavity cutout into the top with cable management box of approved nos, size, make, shade and colour. Cost include wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift and etc. Complete as per drawings and instructions of the Architect.	1	NO		
4	Side unit of following size: Providing and fixing Side unit to be made with 25mm thick plywood for top with 180 degree (full round) post formed edges on one side with post forming laminate approved shade and colour. 19mm thick plywood for frame work, shelf and 19mm thick plywood sliding doors with "Ebco Sliding cabinet shutter Dome Track anodized silver colour fittings" with necessary accessories, arrangements. 8mm thick plywood to be used for back side of the side unit with both side shall be finished with 0.8mm thick laminate of white colour. Side unit edges to be finished with 2mm thick machine pressed edge band of approved colour. All exposed surfaces and front apron finished with 1mm thick laminate of approved colour, combination of laminate for skirting and borders. internal surfaces finished with 0.8mm thick laminate of white colour of approved brand. Cost include hardware such as "Ebco Sliding cabinet shutter Dome Track anodized silver colour fittings", flush pull handle and "Ebco" sliding door locks are approved make. Cost include wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift and etc. Complete as per drawings and instructions of the Architect.				
	a) Side Unit-1 (3'6" length x 1'4" width x2'6"height)	1	NO		
	b) Side Unit-2 (3'0" length x 1'4" width x2'6"height)	2	NOS		

**SCHEDULE OF QUANTITIES FOR PROPOSED INTERIOR WORKS IN MAPC & RAPC
FOR INDIAN BANK EGMORE CHNNAL.**

S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
5	Full height Glazed partition (upto false ceiling height only considered and above necessary ceiling supports to be provided/ True ceiling height 16'0") with Anodized Aluminum frame work, heavy sections (2mm thickness) of 2"x2" section, spacing of 2'0"x2'0" on both sides and covered with 8mm thick BWR plywood finished with 1mm thick laminate of approved colour on both sides, combination of laminate for skirting and borders. Above 1'0"/2'6"/3'0" height partition, fixed with 8mm clear glass and teak wood beading with duco paint. Clear glass shall be finished with frosted film sticking over the glass of approved pattern and design. Rate to include providing cutouts and provisions to run electrical conduits, switches, etc. Cost exclude doors. Cost include frame work in above false ceiling. Cost include wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift and etc. Complete as per drawings and instructions of the Architect.	400	SFT		
6	Full height Solid partition (True ceiling height 16'0") with Anodized Aluminum frame work, heavy sections (2mm thickness) of 2"x2" sections , spacing of 2'0"x2'0" on both sides and covered with 8mm thick BWR plywood finished with 1mm thick laminate of approved shade and colour for base colour, skirting and border's. with all necessary fixing accessories, arrangements and etc. Rate to include providing cutouts and provisions to run electrical conduits, switches, etc. Cost exclude doors. Cost include wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift and etc. Complete as per drawings and instructions of the Architect.	225	SFT		
7	Half Height partition (4'0" height) - Partition shall be made with Anodized Aluminum frame work, heavy sections (2mm thickness) of 2"x1" section, spacing of 2'0"x2'0" c/c. 8mm thick plywood to be fixed on the both sides and finished with 1mm thick laminate of approved shade and colour for base colour, skirting and border's. wherever required 12mm thick plain glass to be fixed with teak wood beading and duco paint of approved shade and colour. Clear glass to be finished with frosting design of approved pattern and design. Rate to include providing cutouts and provisions to run electrical conduits, switches, etc. Cost include removal of the existing partitions, wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift and etc. Complete as per drawings and instructions of the Architect.	180	SFT		

**SCHEDULE OF QUANTITIES FOR PROPOSED INTERIOR WORKS IN MAPC & RAPC
FOR INDIAN BANK EGMORE CHNNAL.**

S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
8	Pinup Board with Magnetic Board Work Providing & fixing pinup board with Magnetic Board of size 5'0"/4'0" x 1'6" using 40 x 40mm SBW frame lined with 12mm thk soft board which inturn covered with blue shade fabric, and glassy white laminate with magnetic base as magnetic board for work stations. cost include necessary fixing accossaries in half and full ht partitions.	130	SFT		
9	12mm TK GLASS PARTITION: Supply and fixing 12mm TK glass, above table, cured shape, full rounded edge with Digital Lazer cut Birla 3M Film, and approved Design. Fixed with "D" brackets and necessary further accessories.	80	SFT		
10	Relamination of existing Full Height Solid Partition to be finished with 1mm thick laminate of approved shade and colour with border's and skirting. Cost include removal of the existing laminate, close down the door way with relevant plywood's, wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift, Removal of debris and cart away from site and etc. Complete as per drawings and instructions of the Architect.	550	SFT		
11	Flush Doors - Supplying and fixing 32mm Solid core flush door with wooden frames size of well seasoned teak wood frames 4"x2" to be fixed on the wall and partition with all necessary fixing accessories, arrangements and etc. Flush door both sides to be finished with 1mm thick laminate of approved shade and colour with border's and skirting. Provision for viewing 6mm clear glass with support of teak wood beading with duco paint of approved shade and colour. Glass shall be finished with frosted film of approved design and pattern. Door edges finished with teak wood beading/lipping and duco paint. Door frame finished with duco paint of approved colour. Cost include of necessary hardware's like locks, door closure, handle, door stopper and hinges of approved make. Cost include wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift and etc. Complete as per drawings and instructions of the Architect.	85	SFT		
12	Column Paneling (Square type)- Paneling to be made with Anodized Aluminum frame work, heavy sections (2mm thickness) of 2"x1" section shall fixed on the column with neat line and level and covered with 8mm thick BWR plywood finished with 1mm thick laminate of approved colour and shades for skirting & borders, with all necessary accessories, arrangements and etc. Rate to include providing cutouts and provisions to run electrical conduits, switches, etc. Cost include necessary hardware's like clamps, screws and etc. Cost include wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift and etc. Complete as per drawings and instructions of the Architect.	130	SFT		

**SCHEDULE OF QUANTITIES FOR PROPOSED INTERIOR WORKS IN MAPC & RAPC
FOR INDIAN BANK EGMORE CHNNAL.**

S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
13	STORAGE WITH 19MM THICK BWR PLYWOOD SLIDING SHUTTER (height 2'6" & width 1'4") - Supplying and fixing Storage to be made with 19mm thick plywood for frame work, 19mm thick plywood shelf and 19mm thick plywood sliding doors with "Ebco Sliding cabinet shutter Dome Track anodized silver colour fittings" with necessary accessories, arrangements top of storage to be covered with 25mm thick BWR Plywood 180 degree (full round) post formed edges. 8mm thick plywood to be used for back side of the storage with both side shall be finished with 0.8mm thick laminate of white colour. Storage edges to be finished with 2mm thick machine pressed edge band of approved colour. All exposed surfaces, front apron and skirting, border's to be finished with 1mm thick laminate of approved shade and colour, internal surfaces finished with 0.8mm thick laminate of white colour of approved brand. Cost include hardware such as "Ebco Sliding cabinet shutter Dome Track anodized silver colour fittings", flush pull handle and "Ebco" sliding door locks are approved make. Cost include wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift and etc. Complete as per drawings and instructions of the Architect.	165	SFT		
14	12mm Toughened Glass Door and Fixed glazing with Patch fitting- Supplying and Fixing shall be made with 12mm thick clear toughened glass with Patch Fittings, all sides edge machine polish and all confirming to manufacturers specification and standard with all necessary fixing accessories, arrangements and etc. Door and fixed glazing edges to be fixed with Rubber plastic beading. Cost include wastage, cutout charges, glass holes charges, silicon sealant, masking tape charges, cutting, installation charges, hardware's, tools, lead, lift, loading, unloading charges, labour charges, rubber plastic beading, transport and etc. Patch fittings items will be paid separately. Complete as per drawings and instructions of the Architect. a) Toughened Glass door (3'6" x 7'0")	25	SFT		
15	Patch fittings for Toughened glass door - Supply and fixing of following items with all standards and specification with neat line and level. Make : Dorma and Ozone.				
	a) Floor Spring (Make Dorma XL-C and Ozone)	1	NO		
	b) Top patch (Make Dorma and Ozone)	1	NO		
	c) Bottom patch (Make Dorma and Ozone)	1	NO		
	d) Top pivot (Make Dorma and Ozone)	1	NO		

**SCHEDULE OF QUANTITIES FOR PROPOSED INTERIOR WORKS IN MAPC & RAPC
FOR INDIAN BANK EGMORE CHNNAL.**

S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
	e) Stainless steel "SS" handle "H"/"D"- Type handle length 600mm for main doors. (Make Dorma and Ozone)	1	SET		
	f) Door Stopper (Make Dorma and Ozone)	1	NO		
16	False ceiling - 1 - Supplying and Erecting of Saint Gobain Gyproc Gypsum board false ceiling at different heights as per drawing and Framework shall be made with "Gyproc ULTRA" G.I. Section. Perimeter shall be fixed around the wall and partition of size 20 x 28 x 30 x 0.5 thick / Ceiling angle of size 25 x 10 x 0.5 thick shall be suspended from structural soffit with 1220 c/c distance on both direction and fixed with soffit cleat of size 27 x 37 x 25 x 1.6 thick and rawl plug / Intermediate channel of size 15 x 45 x 15 x 0.9 thick to support the ceiling section / Ceiling section of size 80 x 26 x 51 x 0.5 thick shall be connected to the intermediate section at 457mm c/c with connecting clip of size 2.64 diameter. 12.5mm thick Gypsum plain board to be fixed on the ceiling section with drywall screws at 230mm c/c on both direction. Gypsum board joints shall be connected with fiber tape and joints to be finished with putty, the putty shall be applied fully on the gypsum board area. Cost include 2 coats of emulsion paint and 1 coat of primer, cutout opening for light fittings, stepping, box opening, provision for hidden lights arrangements. Cost include wastage, hardware's, tools, lead, lift, loading, unloading charges, labour charges, transport and etc. Note: Measurements shall be made flat area and verticals in SFT.	450	SFT		
17	False ceiling - 2 Grid false ceiling- Providing and fixing Saint gobain tile Grid ceiling of (GYPROC SAINT-GOBAIN Mineral fiber ceilings of 'CELOTEX PIN' board with "Narrow Reveal edge Corner bevel" 14mm grid (Bolt Slot) section) and (ARMSTRONG "CLASSIC LITE RH99 (H1893M)" tile with "BEVELLED TEGULAR Suprafine 15 mm/ Silhouette grid section) in aluminum powder coated sections supported from ceiling (4'0"x4'0"grid for support rods) with necessary GI framework of every 2'0"x2'0" grid junction, proper leveling and finished of the joints & top surface as per manufactures specifications and all accessories, arrangements and etc. All edges shall be perfectly straight. Tile shall be carefully laid with neat arrangements like hand gloves and etc. Cost include replacement of damaged or stained tile. Cost include all necessary hardware's like nails, screws, wastages, transports, loading, unloading charges, labours, lead, lift, materials, tools and etc. Complete as per drawings and instructions of the Architect. MAKE- SAINT GOBAIN and ARMSTRONG.	1000	SFT		

**SCHEDULE OF QUANTITIES FOR PROPOSED INTERIOR WORKS IN MAPC & RAPC
FOR INDIAN BANK EGMORE CHNNAL.**

S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
18	Vertical Blinds- Supplying and fixing Vertical blinds for windows with all necessary fixing accessories, arrangements and etc. Cost include beaded chain, fabric and etc. Make Alta vista and Marvel. Cost include wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift and etc. Complete as per instructions of the Architect.	20	SFT		
19	Putty & Painting Application for Wall (below False ceiling only) Premium Range: Providing and application 1 -coat of first quality acrylic wall putty (Birla Wall Care/ JK/Asian) over a base coat of suitable primer after sand papering and preparing the surface, all complete as directed by Bank's Engineer, the rate including surface preparation of wall completely by scrapping the old paint with coir brush/ metal brush, sand paper, etc. and making surface smooth, including removal of nails, existing light fittings/ curtain rods/clamps/fans and stacking the fittings at site all complete, making surface smooth & even, cleaning and carting away debris out of premises, all complete to the satisfaction and as directed by Bank's Engineer.(excluding storage, toilet, EB Panel Room) The rate inclusive providing & applying 2coat first quality acrylic emulsion paint (Premium Range) over a base coat of deco cement primer on wall surface as directed by Bank, all of approved make and shade, scaffolding all complete as directed. Rate to be included the cost of filling the pot holes with plaster of Paris, removal of unwanted nails, cleaning and carting away debris out of premises, all complete as directed by Bank's Engineer	800	SFT		
20	Wall Painting and Ceiling painting (Store Room & Utility rooms) - Economy Range: Providing & applying 2coat acrylic emulsion paint over a base coat of primer on wall surface as directed by Bank, all of approved make and shade, scaffolding all complete as directed. Rate to be included the cost of filling the pot holes with plaster of Paris, removal of unwanted nails, cleaning and carting away debris out of premises, all complete as directed by Bank's Engineer	160	SFT		
21	Ceiling painting on existing false ceiling -Premium range: Surface preparation with primer, Providing & applying acrylic base and 2nos top coats of first quality acrylic emulsion paint over base coat on ceiling surface as directed by Bank, all of approved make and shade, scaffolding all complete as directed. Rate to be inclusive of the cost of scrapping of existing paint, filling the pot holes with plaster of Paris removal of unwanted nails, cleaning and carting away debris out of premises, all complete as directed by Bank's Engineer	160	SFT		

SCHEDULE OF QUANTITIES FOR PROPOSED INTERIOR WORKS IN MAPC & RAPC FOR INDIAN BANK EGMORE CHNNAL.					
S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
22	Mosaic Polishing - Repolishing of existing Mosaic flooring/Skirting with medium, smooth and extra smooth carbourandum stone polish including necessary materials . The rate including suitable repairing on the existing flooring.	800	SFT		
23	Vinyl flooring - Supply and fixing of 2mm thick PVC Vinyl of approved design Flooring and Skirting with necessary packing and pasting material etc. The flooring shall be sanded to form clean and homogeneous surface. Cost include all wastages, cuttings, loadings,unloading's, lead, lift, tools, materials, labour charges, floor touchup with cement plastering, leveling the flooring, removing existing vinyl floor and etc. Complete as per instructions of the Bank. Basic cost Rs.40/-	1400	SFT		
24	Demolishing of existing half height and full ht partition and etc from site for preparing interior renovation, and cart away the debris from site	575	SFT		
INTERIOR WORKS TOTAL					

SCHEDULE OF QUANTITIES FOR PROPOSED ELECTRICAL WORKS IN MAPC & RAPC FOR INDIAN BANK EGMORE CHNNAL.					
S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
	ELECTRICAL WORKS				
	MAIN DISRTRIBUTION BOARDS				
1	Supplying and Erection of 4W Vertical TPN MCCB DB with 160A 4P MCCB ,16 KA with 1 No of 100A TP MCB's, and 3nos of 63A TP MCB's with suitable steel enclosure with all necessary fixing accessories, arrangements and etc. The DB should be IP 43 metallic double door type of approved brand. Cost include screws, Cutting, tools, transport, lead, lift, plastering and concealed or open in the wall, touch-up plastering and etc. For MAIN DB . Make of DB, MCCB'S & MCB's - LEGRAND, SIEMENS & SCHNEIDER .	1	SET		
2	Supplying and Erection of 4W TPN MCB DB with incomer of 1no of 40A 4P MCB and outgoing of 12nos 10A SP MCB's with suitable steel enclosure with all necessary fixing accessories, arrangements and etc. The DB should be IP 43 metallic double door type. Cost include screws, Cutting, plastering and concealed or open in the wall, touch-up plastering, etc. Cost include DB and MCB marking with sticker. for LDB.	1	SET		
3	Supplying and Erection of 4W TPN MCB DB with incomer of 1no of 100A/63A 4P MCB and outgoing of 12nos 10A/20A/25A/32A SP MCB's with suitable steel enclosure with all necessary fixing accessories, arrangements and etc. The DB should be IP 43 metallic double door type. Cost include screws, Cutting, plastering and concealed or open in the wall, touch-up plastering, etc. Cost include DB and MCB marking with sticker. for Branch AC/PDB.	1	SET		
4	Supplying and Erection of 12 way SPN MCB DB with 63A 2P MCB incoming and 10 Nos 10A SP MCB outgoing with suitable steel enclosures with fixing accessories and etc. The DB should be IP 43 metallic double door type. Cost include screws, Cutting, plastering and concealed or open in the wall and etc. Cost include DB and MCB marking with sticker. for UPS DB.	1	SET		
5	Supplying and erection 63A 4P MCB with suitable powder coated steel sheet enclosure with all necessary fixing accessories, arrangements and etc. Cost include screws, Cutting, plastering and concealed or open in the wall and etc.	2	SET		
6	Supplying and erection 63A 2P MCB with suitable powder coated steel sheet enclosure with all necessary fixing accessories, arrangements and etc. Cost include screws, Cutting, plastering and concealed or open in the wall and etc.	1	SET		
7	Supplying and erection 40A 4P MCB with suitable powder coated steel sheet enclosure with all necessary fixing accessories, arrangements and etc. Cost include screws, Cutting, plastering and concealed or open in the wall and etc.	1	SET		

SCHEDULE OF QUANTITIES FOR PROPOSED ELECTRICAL WORKS IN MAPC & RAPC FOR INDIAN BANK EGMORE CHNNAL.					
S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
8	Supplying and erection 40A meter with suitable powder coated steel sheet enclosure with all necessary fixing accessories, arrangements and etc. Cost include screws, Cutting, plastering and concealed or open in the wall and etc.	1	SET		
	PHASE SHIFTERS				
1	Providing and fixing of 63A Automatic phase shifter 3phase in & Single phase out switch for Branch UPS DB with all necessary fixing accessories, arrangements and etc. Cost include screws, Cutting, plastering and concealed or open in the wall and etc. Cost include Automatic phase shifter marking with sticker. Make of Automatic phase shifter - SWIFT and TRIO.	1	NO		
2	Providing and fixing of 40A Automatic phase shifter 3phase in & 3phase out switch for BRANCH LDB & ULP LDB with all necessary fixing accessories, arrangements and etc. Cost include screws, Cutting, plastering and concealed or open in the wall and etc. Cost include Automatic phase shifter marking with sticker. Make of Automatic phase shifter - SWIFT and TRIO.	1	NO		
	POWER CABLE				
1	Supply and laying of 4 Core 16 sq.mm Armoured Aluminium cable with all necessary fixing accessories, arrangements and etc. Cost include all Clamps, screws, junctions, clippings, Cutting, plastering and concealed or open in manner slab/wall, touch-up plastering and etc. Complete as per instructions of the Architect. Note: 1. Before laying the cable contractor should shown the start point number and end point number to the Architect. 2. Fixing to be done after prior approval from the Architect. 3. Extra cable length to be shown by the contractor to the Architect. 4. The contractor has cleared the extra cable material from the site after getting approval from the Architect.	40	RM		
2	Supply and laying of 4 Core 35 sq.mm Armoured Aluminium cable with all necessary fixing accessories, arrangements and etc. Cost include all Clamps, screws, junctions, clippings, Cutting, plastering and concealed or open in manner slab/wall, touch-up plastering and etc. Complete as per instructions of the Architect. Note: 1. Before laying the cable contractor should shown the start point number and end point number to the Architect. 2. Fixing to be done after prior approval from the Architect. 3. Extra cable length to be shown by the contractor to the Architect. 4. The contractor has cleared the extra cable material from the site after getting approval from the Architect.	30	RM		
	POWER CABLE END TERMINATION				
1	Supply and laying end termination for 4 Core 16 sq.mm Armoured Aluminium cable. Cost include all necessary hardwares lugs, glands and etc.	4	NOS		

SCHEDULE OF QUANTITIES FOR PROPOSED ELECTRICAL WORKS IN MAPC & RAPC FOR INDIAN BANK EGMORE CHNNAL.					
S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
2	Supply and laying end termination for 4 Core 35 sq.mm Armoured Aluminium cable. Cost include all necessary hardwares lugs, glands and etc.	2	NOS		
	LIGHT POINTS WIRING				
1	Wiring to light points using with 3 runs of 1.5 sqmm FRLS PVC insulated multitraud copper conductor wire with suitable PVC conduit pipe with fixing accessories. The unit rate for switch board and further to point outlet including all hardwares and connector strips. Outlet including all hardware like outlet boxes, switch plates, switch board, switches and wire conduits. Cost include all bends, clamps, screws, junctions, clippings, Cutting, plastering and concealed or open in manner slab/wall/partitions, touch-up plastering and etc. Make of wire's- POLYCAB, ANCHOR, FINOLEX & ORBIT. Make of Switch's, socket's & fan regulator's - ANCHOR ROMA. Note: 1. Red phase wire shall be laid in red wire. 2. Yellow phase wire shall be laid in yellow wire. 3. Blue phase wire shall be laid in blue wire. 4. Black wire for Natural. 5. Green wire for earthing. 6. The contractor should follow the colouring code in the circuit wirings.				
	a) One light Controlled by One Switch	30	PTS		
	b) Two Lights Controlled by one Switch	4	PTS		
	c) 6A Switch box Sockets and Switch in the switch board itself	10	PTS		
	d) Ceiling Fan point with Electronic regulator control	8	PTS		
	e) Exhaust fan point/wall mounted fans	16	PTS		
2	Supplying and Laying of 2 runs of 2.5 sqmm FRLS PVC insulated multitraud copper conductor wire with 1 run 1.5 sqmm copper wire as earth wire with suitable PVC conduit pipe with necessary fixing accessories, arrangements and etc. Cost include all bends, clamps, screws, junctions, clippings, wire conduits, Cutting, plastering and concealed or open in manner slab/wall/partitions and etc. Make of wire's- POLYCAB, ANCHOR, FINOLEX & ORBIT.	600	RM		
3	Supplying and Laying of 2 runs of 4 sqmm FRLS PVC insulated multitraud copper conductor wire with 1 run 2.5 sqmm copper wire as earth wire with suitable conduit pipe with necessary fixing accessories, arrangements and etc. Cost include all bends, clamps, screws, junctions, clippings, Cutting, plastering wire conduits and concealed or open in manner slab/wall/partitions and etc. for AC wiring. Make of wire's- POLYCAB, ANCHOR, FINOLEX & ORBIT.	200	RM		

SCHEDULE OF QUANTITIES FOR PROPOSED ELECTRICAL WORKS IN MAPC & RAPC FOR INDIAN BANK EGMORE CHNNAL.					
S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
4	Supplying and Laying of 4 runs of 10 sqmm FRLS PVC insulated multistraud copper conductor wire with 2 runs 4 sqmm copper wire as earth wire with suitable conduit pipe with necessary fixing accessories, arrangements and etc. Cost include all bends, clamps, screws, junctions, clippings, wire conduits and concealed or open in manner slab/wall/partitions and etc. Make of wire's- POLYCAB, ANCHOR, FINOLEX & ORBIT.	10	RM		
5	Supplying and Laying of 2 runs of 10 sqmm FRLS PVC insulated multistraud copper conductor wire with 1run 4 sqmm copper wire as earth wire with suitable conduit pipe with necessary fixing accessories, arrangements and etc. Cost include all bends, clamps, screws, junctions, clippings, wire conduits and concealed or open in manner slab/wall/partitions and etc. Make of wire's- POLYCAB, ANCHOR, FINOLEX & ORBIT.	30	RM		
6	Supplying and Laying of 4 runs of 6 sqmm FRLS PVC insulated multistraud copper conductor wire with 2 runs 2.5 sqmm copper wire as earth wire with suitable conduit pipe with necessary fixing accessories, arrangements and etc. Cost include all bends, clamps, screws, junctions, clippings, wire conduits and concealed or open in manner slab/wall/partitions and etc. Make of wire's- POLYCAB, ANCHOR, FINOLEX & ORBIT.	10	RM		
7	Supplying and Laying of 3 runs of 1.5sqmm FRLS PVC insulated multistraud copper conductor wire with suitable conduit pipe with necessary fixing accessories, arrangements and etc. Cost include all bends, clamps, screws, junctions, clippings, wire conduits and concealed or open in manner slab/wall/partitions and etc. Make of wire's- POLYCAB, ANCHOR, FINOLEX & ORBIT.	150	RM		
	POWER POINTS OUTLETS				
1	Supply and Erection of 5A 3 pin socket 3 in no's and 5A switch 2 in no's for UPS points with suitable metal or plastic surface mounted box with all necessary fixing accessories, arrangements and etc. Cost include all hardwares, screws , internal wiring and etc. Cost include UPS point marking with sticker.	25	SETS		
2	Supplying and Erection of 15A 3 pin socket 1 in no's and 15A switch 1 in no's with suitable metal or plastic surface mounted box with all necessary fixing accessories, arrangements and etc. Cost include all hardwares, screws, internal wiring and etc. Cost include Rawpower point Marking with sticker.	10	SETS		
3	Supplying and Erection of 5A 3 pin socket 1 in no's and 5A switch 1 in no's with suitable metal or plastic surface mounted box with all necessary fixing accessories, arrangements and etc.. Cost include all hardwares, screws, internal wiring and etc. Cost include Rawpower point Marking with sticker.	25	SETS		

SCHEDULE OF QUANTITIES FOR PROPOSED ELECTRICAL WORKS IN MAPC & RAPC FOR INDIAN BANK EGMORE CHNNAL.					
S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
4	Supplying and Erection of 5A 3 pin socket 1 in no's for wallmounted fan with suitable metal or plastic surface mounted box with all necessary fixing accessories, arrangements and etc.. Cost include all hardwares, screws, internal wiring and etc. Cost include Marking with sticker.	20	SETS		
5	Supply and fixing of 20A/25A/32A 3 pin metal clad plug and socket with 1 no 20A Sp/ 25A Sp/ 32A Sp MCB with with suitable anodised sheet steel enclosure with fixing accessories etc. Cost include all hardwares, screws, internal wiring and etc. Cost include AC point Marking with sticker.	6	SETS		
	LIGHT FIXTURES				
1	Supplying and fixing of LED 2'0"x2'0" light fixture with all necessary fixing accessories, arrangements and etc. The size of the fixture as per the manufacturers standards and specifications. Unit – nos. Cost include all necessary accessories like chains, tools, hardwares, lead, lift, wastages, loading, unloading charges, transport and etc.(PHILIPS LED full glow - RC380B LED36S-6500 G5 L60W60 PSD OD)	23	NOS		
2	Supplying and fixing of LED 18W down light with all necessary fixing accessories, arrangements and etc. The size of the fixture as per the manufacturers standards and specifications. Unit – nos. Cost include all necessary accessories like chains, tools, hardwares, lead, lift, wastages, loading, unloading charges, transport and etc. (PHILIPS-DN296B LED20S-6500 PSU WH)	13	NOS		
5	Supplying and Erection of LED Batten 20W fitting to be fixed from ceiling or wall with all necessary fixing accessories, arrangements and etc. Cost include all hardwares, screws, clamps, lead, lift and etc. Make : PHILIPS "61018 Astra Line 4 feet LED Batten". Complete as per drawings and instructions of the Architect.	13	NOS		
6	Supplying and Erection of LED Batten 9W fitting to be fixed from ceiling or wall with all necessary fixing accessories, arrangements and etc. Cost include all hardwares, screws, clamps, lead, lift and etc. Make : PHILIPS "61019 Astra Line 2 feet LED Batten". Complete as per drawings and instructions of the Architect.	2	NOS		
7	Providing and fixing of 48" Ceiling fan of approved make to be fixed in ceiling with hanging rods, accessories and electronic regulator with all necessary fixing accessories, arrangements and etc. Cost include all hardwares, hanging rods length as per site requirements, regulator, screws, clamps and etc. Fan make & model to be approved by bank engineer/architect. (Make of ceiling fan- Crompton Creaves.)	8	NOS		

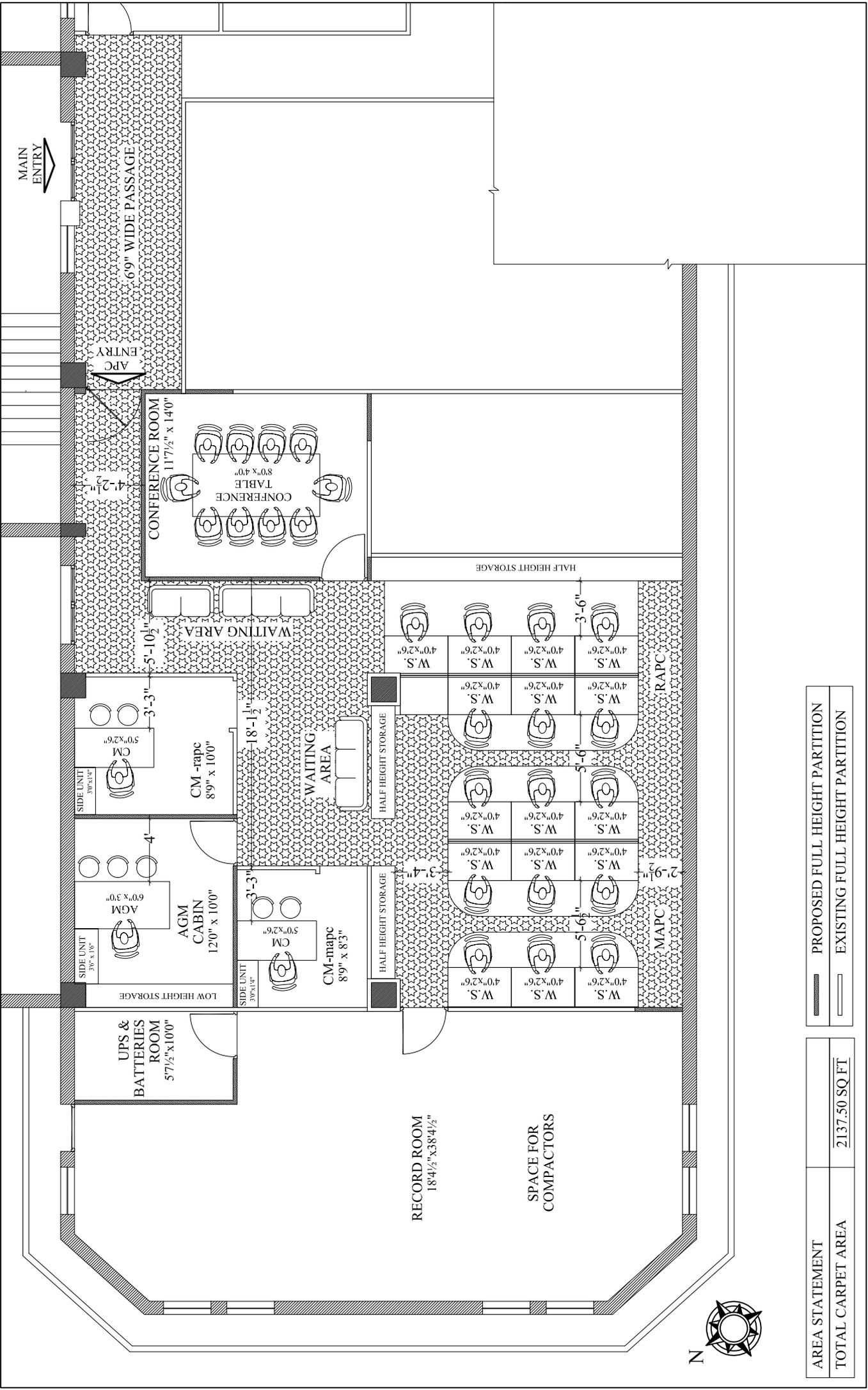
SCHEDULE OF QUANTITIES FOR PROPOSED ELECTRICAL WORKS IN MAPC & RAPC FOR INDIAN BANK EGMORE CHNNAL.					
S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
9	Providing and fixing of wall mounted fans of approved make to be fixed in wall or partition with all necessary fixing accessories, arrangements and etc. Cost include all hardwares, screws, clamps and etc. Fan make & model to be approved by bank engineer/architect. (Make of wall mounted fan- Crompton Creaves.)	6	NOS		
10	Providing and fixing of 9" exhaust fan of approved make for ups and bath rooms to be fixed in grills or walls with all necessary fixing accessories, arrangements and etc. Cost include all hardwares, screws, clamps and etc. Fan make & model to be approved by bank engineer/architect. (Make of exhaust fan- Almonard.)	1	NO		
EARTING					
1	Galaxy Maintenance Free Earthling Model No: GAL-502 Single Pipe Electrode (47mm dia pipe 2mtr long with moisture booster of 25 kg bag 1 No) with all necessary fixing accessories, arrangements and etc. Cost include 1'0"x1'0"x1'6" brick work chamber and 1'0"x1'0" RCC manhole with handle. Complete as per instructions of the Architect.	1	NO		
2	Supply and Laying of No.8SWG copper wire from Earth pit to UPS/switch Board with all necessary fixing accessories, arrangements and etc. Cost include all bends, clamps, screws, junctions, clippings, wire conduits and concealed or open in manner slab/wall/partitions and etc. Complete as per instructions of the Architect.	40	RM		
3	Supply and Laying 10 sq.mm FRLS PVC insulated copper cable and PVC conduits for UPS earth with all necessary fixing accessories, arrangements and etc. Cost include all bends, clamps, screws, junctions, clippings, wire conduits and concealed or open in manner slab/wall/partitions and etc. Complete as per instructions of the Architect. Make of wire's- POLYCAB, ANCHOR, FINOLEX & ORBIT.	50	RM		
TELECOMMUNICATION					
1	Supply and laying of 2 pair telephone cable telecom box to EPABX system with suitable PVC conduit pipe with all necessary fixing accessories, arrangements and etc. Cost include all bends, clamps, screws, junctions, clippings and concealed or open in manner slab/wall/ partitions and etc. Make of 2 pair cable- POLYCAB, ANCHOR, FINOLEX & ORBIT.	450	RM		
2	Supply, Installation, Testing and Commisioing of Modular type 1Nos of RJ11 in PVC surface box with suitable Faceplate fixing the same in the wall/partitions with all necessary fixing accessories, arrangements and etc. Make of RJ11 - ANCHOR ROMA.	25	SET		

SCHEDULE OF QUANTITIES FOR PROPOSED ELECTRICAL WORKS IN MAPC & RAPC FOR INDIAN BANK EGMORE CHNNAL.					
S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
3	Supply and laying of 50 pair telephone cable krone connector to EPABX system with suitable PVC conduit pipe with all necessary fixing accessories, arrangements and etc. Cost include all bends, clamps, screws, junctions, clippings and concealed or open in manner slab/wall/partitions and etc. Make of 50 pair cable- POLYCAB, ANCHOR, FINOLEX & ORBIT.	30	RM		
4	Supply and Fixing of 50 pair krone connector with enclosure with all necessary fixing accessories, arrangements and etc. Cost include fixing all hardwares and accessories.	1	SET		
COMPUTER / LAN CABLING					
1	Supplying and fixing E-CAT6 cable with PVC conduit pipe from server to each computers including proper termination and marking with tags with all necessary fixing accessories, arrangements and etc. Cost include all bends, clamps, screws, junctions, clippings and concealed or open in manner slab/wall/ partitions and etc. Cost include all accessories like tools, lead, lift, loading, unloading charges, cutting, transport, labour charges, wastages and etc. Make of Cat-6 cable- D-LINK.	350	RM		
2	Supplying and fixing RJ45 I/O with metal or plastic surface mounting face plate with all necessary fixing accessories, arrangements and etc. Cost include all accessories like tools, lead, lift, loading, unloading charges, cutting, transport, labour charges, wastages and etc. Make of RJ45 - ANCHOR ROMA.	24	SET		
3	Supplying and fixing RJ45 mounting cord length of 7feet. Cost include all accessories. Make of Cat-6 mounting cord- D-LINK.	24	NOS		
4	Supplying and fixing RJ45 mounting cord length of 3feet. Cost include all accessories. Make of Cat-6 mounting cord- D-LINK.	24	NOS		
5	Supply & Installation of 24 Port CAT-6 Switch with all necessary fixing accessories, arrangements and etc. Make of Switch - D-LINK.	1	SET		
6	Supply & Installation of 24 Port CAT- 6 Jack Panel with all necessary fixing accessories, arrangements and etc. Make of Jack panel - D-LINK.	1	SET		
7	Supply, Testing and fixing of 9U Wall Mountable Closed Rack with tinted glass door, lock key and multiple sockets along with the spick card. Cost include mounting charges, screws, hardwares and etc. Cost include all accessories like tools, cutting, transport, labour charges and etc.	1	SET		
SERVICE					
1	Preparation of As built single line diagram and 3 set A2 size paper print must be submitted.	1	LOT		
ELECTRICAL WORKS TOTAL					

**SUMMARY FOR PROPOSED INTERIOR AND ELECTRICAL WORKS IN MAPC & RAPC FOR
INDIAN BANK EGMORE CHNNAL.**

SUMMARY

	INTERIOR WORKS TOTAL	
	ELECTRICAL WORKS TOTAL	
	TOTAL EXCLUDING GSTN	
	CGST @9%	
	SGST @9%	
	TOTAL INCLUDING GSTN	



PROPOSED FULL HEIGHT PARTITION
EXISTING FULL HEIGHT PARTITION

AREA STATEMENT	
TOTAL CARPET AREA	2137.50 SQFT

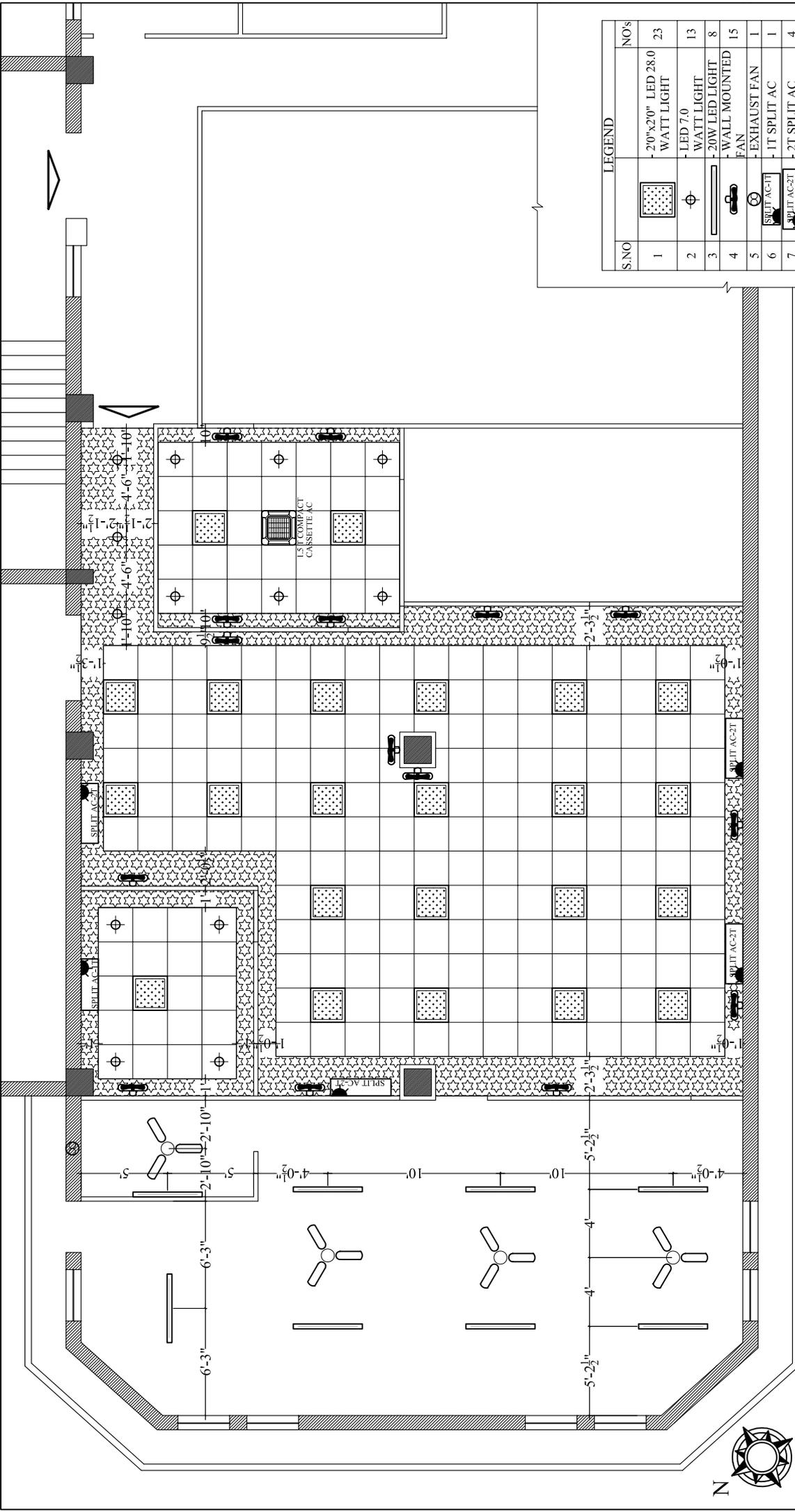
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PROJECT NAME: INTERIOR LAYOUT (NEW PREMISES)
 CLIENT NAME: INDIAN BANK
 PLACE OF THE PROJECT: EGMORE, CHENNAI.

TITLE:- PRO. 4TH FLOOR INTERIOR LAYOUT
 SCALE: 1"=5'3"80"(A4)
 DATE: 29-10-2021
 DRN BY: EUGINE
 DRG NO: DRAWING-01
 JOB NO:
 CHK BY: R.KANNAN

FOARCONS
 FORUM ARCHITECTURAL CONSULTANTS
 NO#1 GANGA FLATS, 3/2#NAKSHIRAN ST., WEST MAMBALAM, CHENNAI - 600 033.
 PH: 044 24812179, CELL-9381034445.
 EMAIL ID: FOARCONS@YMAIL.COM





	GYPSUM BOARD FALSE CEILING @ 8'0" LVL
	GRID FALSE CEILING @ 8'6" LVL
	DIRECT CEILING

S.NO	LEGEND	NO's
1		23
2		13
3		8
4		15
5		1
6		1
7		4
8		4
9		1

FOARCONS
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SCALE : 1"=5'3"80"(A4)
 DATE : 29-10-2021
 DRN BY: EUGINE
 DRG NO: DRAWING-02
 JOB NO:
 CHK BY: R.KANNAN

TITLE:-
 PROPOSED
 FALSE CEILING
 LAYOUT

PROJECT NAME:
INTERIOR LAYOUT (NEW PREMISES)
 CLIENT NAME:
INDIAN BANK
 PLACE OF THE PROJECT:
EGMORE, CHENNAI.

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