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**Punjab & Sind Bank**

(A Govt. of India Undertaking)

*Where service is a way of life*

Request for Proposal For

**E- TENDER FOR FURNISHING, AIR CONDITIONING,  
ELECTRICAL WORK & DATA CABLING OF PUNJAB & SIND BANK,  
LARGE CORPORATE BRANCH**

E-Tender Reference	PSB/ROMUM/GA/E-tender/00/2026-27
Bid Submission Start Date	30.04.2026
Bid Submission End Date	13.05.2026 by 3:00 pm
Technical bid opening date	13.05.2026 by 4:00 pm
Financial Bid Opening date	Will be informed subsequently to technically qualified bidders.

(TECHNICAL BID)

(VOLUME-1)

TENDER DOCUMENTS

**Regional Office Mumbai:**

**27/29, Ambalal Doshi Marg, Fort, Mumbai- 400 001**

Architect:

**SANKALPA ASSOCIATES**

1001, Eleven Heights, Sant Gora Kumbhar Marg, Kumbharwada, Dharavi, Mumbai 400017

Mobile: 9869031498/ 8454867686

E-Mail: sankalpadadar@yahoo.co.in

The information provided by the bidders in response to this RFP Document will become the property of the Bank and will not be returned. The Bank reserves the right to amend, rescind or reissue this RFP Document and all amendments will be advised to the bidders and such amendments will be binding on them. The Bank also reserves its right to accept or reject any or all the responses to this RFP Document without assigning any reason whatsoever and without any cost or compensation therefore.

This document is prepared by Punjab and Sind Bank for **Proposed Furnishing work of LARGE CORPORATE BRANCH** at P M Road, Fort 400001. It should not be reused or copied or used either partially or fully in any form.

### **Disclaimer**

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Tender for the furnishing, electrical work & Air conditioning of New premises of Punjab & Sind Bank, **LARGE CORPORATE BRANCH**

E-Tender reference	PSB/ROMUM/GA/E-TENDER/00/2026-27
Date of issue of RFP	30.04.2026
Details of work to be done	Furnishing, Air conditioning, electrical work & data cabling of New premises of Punjab & Sind bank, LARGE CORPORATE BRANCH.
Earnest money deposit	Earnest money deposit of Rs. 1,10,000/- (EMD (Refundable) (Rupees Ninety Six Thousand only) by way of NEFT/Transfer in Bank's Account Number:- Name of Account:- Sundry Cr Funds/Assets Account No:80205039026001 IFSC-PSIB0008020 Branch: Regional Office  Micro and Small Enterprises (MSEs) as defined in MSE Procurement policy issued by Department of Micro, Small and Medium Enterprises (MSME) are exempted from EMD & they have to submit the Certificate for the same.
Performance security	The amount of Performance security shall be @ 3% of the contract Price denominated in Indian Rupees.
Period of contract	7 weeks
Last date & time of receipts of tender bids	13.05.2026 by 3.00 pm
Liquidated damages for non-completion in time	1.0% of the contract value per week subject to a max of 10.0% of the contract value.
Defect Liability period	12 months from the date of virtual completion certified by Architect/employer.
Retention amount for 12 months	10% after accepted tender amount
Period of submitting of final bill	15 days from the date of completion
Mobilization Advance/secure	No mobilization advance/ secured Advance will be given
Date of technical bids opening	13.05.2026 at 4:00 pm
Additional Security Deposit	In case L-1 bidder quotes abnormally low rates (i.e. 7.5 % or more, below estimated project cost), the bank may ask such bidder to deposit additional security deposit (ASD) equivalent to difference of estimated cost vis-à-vis L-1 quoted amount for due fulfillment of contract. Such ASD could be in the form of FDR / Bank's guarantee in the Bank's name as per format approved by the Bank. On successful completion of work ASD will be returned to the contractor. In case contractor fails to

	complete the work in time or as per tender specification or leave the job incomplete, the bank will be at liberty to recover the dues from ASD or to forfeit such ASD as the case may be within its sole discretion.
Address of communication	Regional Manager, Punjab & Sind Bank, Mumbai Zonal Office: 27/29, Ambalal Doshi Marg, Fort, Mumbai- 400 001
Email address	<a href="mailto:ro.mumbai@psb.bank.in">ro.mumbai@psb.bank.in</a>
Contact Telephone	Chief Manager-9990971275 Manager – 7016827962
Bids to be submitted	<a href="https://psb.eproc.in">https://psb.eproc.in</a> (Bidder has to submit the bid electronically)
Opening of Commercial/price bid	Only Eligible Tenderer shall be informed (Via E- mail/Telephone) separately

### Information for online participation

This Tender will follow e-tendering process which will be conducted by bank's authorized e-tendering services provider M/s C1 India Pvt. Ltd. through website:<https://psb.eproc.in>

Following activities will be conducted online through the above website.

1. Procurement of RFP documents including all Annexures
2. Addendums to the RFP
3. Submission of technical bid & indicative commercial bid by the Bidder
4. Opening of technical bid & Indicative commercial bid by the bank
5. Announcement of result if any

#### Instructions:

1. Bidders who wish to participate will have to register with the website. (<https://psb.eproc.in>). Bidders will be required to create login id & password on their own in registration process.
2. Bidder who wishes to participate in this tender need to procure Class-III Digital Signature Certificate (With Both DSC Components, i.e. Signing & Encryption) from any of the licensed Certifying Agency. Bidders can view the list of licensed CA.s from [www.cca.gov.in](http://www.cca.gov.in).
3. In case of any clarification queries regarding online registration participation. Bidders may reach out to: Email: [psbsupport@c1india.com](mailto:psbsupport@c1india.com) Ph: 0124-4302033/36/37.
4. It is suggested that the prospective Bidders shall monitor the <https://psb.eproc.in> website constantly for any changes / updates.

Note: Bank expects the interested Bidders to download the copy of the complete RFP document along with all Annexures & Appendices either through Bank's website <http://punjabandsindbank.co.in> or <https://psb.eproc.in>

### 5. Earnest Money Deposit

- 1) The bidders are requested to submit the Earnest Money of Rs.1,10,000/- (Rupees One lakh ten thousand only) by way of NEFT/Transfer as detail below:-  
Account Name: Sundry Cr Funds/Assets  
Account No. : 80205039026001

IFSC Code : PSIB0008020  
Bank Name : Punjab & Sind Bank  
Branch : Regional Office

- 2) EMD in any other form other than as specified above will not be accepted. Tender not accompanied by the EMD/MSME certificate in accordance with clause 1 as above shall be rejected.
- 3) No interest will be paid on the EMD.
- 4) EMD of unsuccessful bidder will be refunded within 30 days of award of Contract
- 5) EMD of successful bidder will be retained as a part of security deposit.

In case of any queries, the Tenderer may contact following :

Punjab & Sind Bank : Chief Manager Mob. No: 9990971275  
Manager Mobile No: 7016827962

Architect : **SANKALPA ASSOCIATES**  
1001, Eleven Heights, Sant Gora Kumbhar Marg, Kumbharwada, Dharavi, Mumbai 400017  
Mobile : 9869031498/ 8454867686 E-Mail : sankalpadadar@yahoo.co.in

Bank invites E-tenders in Two Bid Systems i.e. Technical Bid & Commercial Bid from Contractors for the Furnishing, Air Conditioning, electrical work & data cabling of New premises of Punjab & Sind bank, **LARGE CORPORATE BRANCH**

### 1. INTRODUCTION

Bank invites sealed tender in two bid systems i.e. Technical bid & Commercial Bid from contractors for the Furnishing, Air Conditioning, electrical work & data cabling of new premises of Punjab & Sind bank, **LARGE CORPORATE BRANCH**.

### 2. ELIGIBILITY CRITERIA

The invitation of bids is open to all services providers, provided they full fill the following eligibility criteria

CRITERIA	DOCUMENTS REQUIRED
The bidder should have at least 5-year satisfactory experience in providing similar work in Commercial Banks, Pvt. Banks, Government /Public sector /Banks. Similar work means Civil/ renovation works of same nature /magnitude involving furnishing, electrification, air conditioning, office automation (except specialized works).	Work order and satisfactory completion certificate (complete address and telephone No.) in having executed similar category contracts during The Last 5 year (minimum) ending day before the invitation of this tender should be provided. The scope of works carried out, period of contract, staff employed and value of work should be clearly defined.
b. The bidder should have the following experience for having executed similar contracts during last five year ending 31.03.2025:- At least one (1) work of value of Rs.44.00 lacs (80% of the estimated cost) or Two(2)work of value of Rs. 27.50 lacs (50% of the estimated cost) or Three (3) works of value Rs. 22.00 lacs (40% of the estimated cost).	
c). The Bidder must have an average annual turnover of Rs. 16.61 Lacs (approx 30% of the estimated cost) By way of providing services during the last 3 years in	Audited profit & loss A/c and balance sheet for 2022-2023 ,2023-2024, 2024-2025 (duly attested by the CA)

similar contractors ending 31.03.2024. Bidder firm should not have made loss in any of three preceding financial years.	
d) The bidder should not be declared by any public organization, to be ineligible to participate for corrupt, fraudulent or any other unethical business practice and blacklisted by public organization.	A Self-declaration certificate that the bidder has not been declared by any public organization to be ineligible to participate for corrupt. Fraudulent or any other unethical business practice and blacklisted by public organization.
e) The bidder should have registered with the following statutory authorities:- Income tax, GSTIN, registration certificate under contract labor (R&A) act 1970 and central rules 1971 etc.	Photocopies of valid registration/license and latest challans should be furnished with the Tender.
f) Bidder should have sufficient resources namely manpower & equipment to execute the subject work	Full list of sub-contractors/employees viz.name, age employee code, designation. Experience in the field etc and also the list of equipment proposed to be deployed as per annexure F should be attached.
	BAR/PERT Chart should also be submitted indicating the execution of the work within the date line of 07 Weeks.
g) To ensure transparency, equity and competitiveness in compliance with the CVC guide lines, the pact essentially envisages an agreement between the prospective bidders/vendors and the bank committing the persons/officials of both the parties, not to exercise any corrupt. Influence on any aspect of the contract.	The IP agreement enclosed at annexure must be sealed and signed. Any vendor/bidder not signed the document or refusing to sign shall be disqualified in the bidding process.
h) The bidder must have registered office at Mumbai/ Navi Mumbai/ Thane/Maharashtra	The bidder must have registered office at Mumbai/ Navi Mumbai/ Thane/Maharashtra

### 3. SCOPE OF WORK

The Contactor shall carry out and complete the said furnishing work comprising of wooden partition, paneling, false ceiling including miscellaneous, Air-Conditioning work, **Electrical** work and modification/addition to existing provision. Provision and furnishing etc. complete in every respect in accordance with contract and with the directions of and to the satisfaction of the architects and bank. The architects, may in their absolute discretion and from time to time, issue further drawings and /or written instructions, details directions and explanations which are hereafter collectively referred to as 'Architect's Instructions' in regard to:

- a) The variations or modifications of the design quality or quantity of work or the addition or omission or substitute of any work.
- b) Any discrepancy in the drawings or between the schedule of quantities and/ or drawings and /or specifications.
- c) The removal and /or re-execution or any works execution or any works executed by the contractor.
- d) The removal from the site, of any material brought there on by the contractor,
- e) Substitution of any other material there from.

- f) The dismissal from inspection of any person/ persons employed thereupon.
- g) The opening up for inspection of any work covered up.
- h) The amending and making good of any defects under clause 'removal of improper work and material.

The Contactors shall forthwith comply and fully execute and work comprised in such architect's instructions provided always that verbal instruction. Directions and explanations given to the contractor. Or his representative upon the work by the architect shall, if involving a variation, be confirmed in writing by the contractor within 3 days and if not dissented from in writing within further 3 days by the architect. Such shall be deemed to be the architect's instructions within the scope of the work. The bids shall be valid for a period of 03 months from the date of submission of bids. A Bid valid for a shorter period shall be rejected by the bank as non-responsive. The Bank shall pay to the Contractor on the Architect's Certificate, the price of the said work (as an extra to be valued as herein after provided) and/or expense and/or loss.

#### 4. TENDER AND BID SUBMISSION

- a) Bids are invited from furnishers/contractors located in **Maharashtra** who are eligible to do business in India under relevant Indian Laws as in force at the time of bidding.
- b) Bidders who wish to participate will have to register with the website (<https://psb.eproc.in>). Bidders will be required to create login id & password on their own in registration process.
- c) The bidder will be given permission to inspect the site, with prior appointment and up to one day prior to the last date of submission of the tender.
- d) The Bank shall not consider any request for date-extension for bid-submission on account of late receiving / downloading of Tender by any prospective service provider.
- e) The Bank also reserves the right to amend the tender prior to the last date for bid- submission.
- f) The Bank may at its discretion, extend the last date for bid-submission on any justified ground.
- g) The Bidder shall bear all the costs associated with the preparation and submission of bid and Punjab & Sind Bank will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.
- h) Technical Bids and Commercial Bids are to be duly signed and super scribed a:

**“TECHNICAL BID/COMMERCIAL BID/ EARNEST MONEY FOR FURNISHING,AIR CONDITIONIG, ELECTRICAL WORK & DATA CABLING FOR NEW PREMISES OF PUNJAB & SIND BANK, LARGE CORPORATE BRANCH**

'Punjab and Sind Bank', Regional Office Mumbai: 27/29, Ambalal Doshi Marg, Fort, Mumbai- 400 001

- h) In the event of the specified date for bid-submission being declared a holiday for the Bank, the bids will be received up to the appointed time on the next working day.

#### 5. AUTHORITY TO SUBMIT BIDS:

- a) Only authorized personnel of the firm or organization shall sign the Bid.
- b) The proposal must be accompanied with an undertaking letter duly signed by the designated personnel providing a Bid commitment. The letter should also indicate the complete name and designation of the personnel.
- c) In case the principal service providers authorize their business partners to bid on their behalf, a separate authorization letter as per format (Letter of Authorization to bid) enclosed, along with a commitment to fulfil the terms of tender should be submitted.
- d) The certified photocopy of Resolutions/Authority/ Power of Attorney having authority to

authorize the person to submit Bid documents on behalf of the company shall be enclosed

## 6. BID CONTENTS

### 6.1 TECHNICAL OFFER TO BE UPLOADED:

- a) The Technical Offer (T.O.) should be completed in all respects and contain full information required in the documents.
- b) It should not contain any price information. It is mandatory to submit the technical details in the prescribed format duly filled in along with the offer.
- c) In case of non-submission or partial submission of technical details, the Bank at its discretion may not evaluate the offer.
- d) The T.O. must be submitted in an organized and structured manner.

### 6.2 COMMERCIAL OFFER TO BE UPLOADED

- a) The Price quoted should be only in Indian Rupees.
- b) The rates quoted in the Bid shall be inclusive of all labour charges, delivery & cost of material at site tools & equipment, insurance premium covering any risk to labour etc and taxes and all other taxes applicable.
- c) The Bids with correction and or overwriting, if not authenticated, will be liable for rejection.
- d) No claim for rate enhancement/price revision should be considered during the pendency of the contract.

## 7. BID FEATURES

- a) All bids and supporting documentation shall be submitted in English only.
- b) All costs and charges related to the bid shall be expressed in Indian Rupees (in INR) only.
- c) The bids shall be valid for a period of 03 months from the date of submission of bids. A bid valid for a shorter period shall be rejected by the Bank as non-responsive.

## 8. BID ESSENTIALS- CONTENTS OF DOCUMENT TO BE SUBMITTED ELECTRONICALLY

The bidder shall submit the following:

- a) The Bank in case of non-adherence to the Format or partial submission of bid will not evaluate the bid.
- b) Each page of it shall be serially numbered, signed and duly stamped by the bidder or a duly authorized person to sign on behalf of the Service provider.
- c) Any interlineations, erasure or overwriting shall be valid only if these are initialed by the person(s) signing the bid.

## INSTRUCTIONS TO BIDDERS

### a. Invitation of Bids:

This Request for Proposal (RFP) is to invite proposals from eligible bidders desirous of taking up the project for Supply, Installation, migration of Active directory and AD Manager. Sealed offers / Bids (Bid) prepared in accordance with this RFP should be submitted as per details given in the Key Information sheet. The criteria and the actual process of evaluation of the responses to this RFP and subsequent selection of the successful bidder will be entirely at Bank's discretion.

### b. Due Diligence:

The Bidder is expected to examine all instructions, forms, terms and specifications in this RFP and study the RFP document carefully. Bid shall be deemed to have been submitted after careful study and examination of this RFP with full understanding of its implications. The Bid should be precise, complete and in the prescribed format as per the requirement of this RFP.

Failure to furnish all information required by this RFP or submission of a Bid not responsive to this RFP in each and every respect will be at the Bidder's own risk and may result in rejection of the Bid and for which Punjab and Sind Bank shall not be held responsible. Photocopies of relevant documents/ certificates duly stamped and signed by authorized person, must be submitted as proof in support of the claims made. The Bank reserves the right to verify/ evaluate the claims made by the Bidder independently. The decision of the Bank in this regard shall be final, conclusive, and binding upon the Bidder.

#### TECHNICAL BID TO BE UPLOADED:

- a) Annexure A & B to be uploaded:
- b) All pages of bid document must be signed and stamped.
- c) Earnest Monet Deposit (EMD) of Rs.1,10,000/-
- d) Copy of satisfactory performance certificate - Minimum 3 Nos.
- e) Audited/self-attested Profit and Loss Account and Balance sheet for the financial year ending on 2022-2023, 2023-24 and 2024-25
- f) Letter of Authorization to Bid.
- g) Power of Attorney (if any).
- h) Details of work executed in the last 5 years. (Annexure A).
- i) Past Performance (Annexure A).
- j) Organizational Setup - Details of Key skilled, semi-skilled and unskilled workers employed (Annexure-A)
- k) Details of Litigation/Arbitration (Annexure A)
- l) List of Equipment and Machineries (Annexure A).
- m) Latest I.T.R.
- n) Copy of Certificate of Incorporation
- o) Copy of Memorandum of Association
- p) Copy of GST (latest GST copies)
- q) Copy of PAN Card
- r) Copy of PF Registration
- s) Copy of ESI Registration
- t) A Self-declaration certificate that the bidder has not been declared by any Public/Private Organization to be ineligible to participate for corrupt, fraudulent or any other unethical business practice and Blacklisted by Public/Private Organization.
- u) Other information-Any other relevant information, which is necessary to be furnished, must be provided.

#### c. BID EVALUATION

- a) The tenders received within the due date and time only will be considered for evaluation.
- b) The Technical bids shall be opened and the bid/s received will be scrutinized to determine whether they are complete in all respects as per the requirement of tender and subsequent clarifications, whether the documents have been properly signed and whether items are offered as per these tender requirements.
- c) The Bank will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required information have been provided as underlined in the bid document, whether the documents have been properly signed, and whether bids are generally in order.
- d) Technical bids of the service providers meeting the minimum pre-qualification criteria will be evaluated for compliance of other terms and conditions.
- e) Based on the evaluation results, the bank will shortlist the bidders who are considered to be suitable. The decision of the Bank regarding the short-listing of the bidders shall be final and

binding on the bidder.

- f) The commercial bids of only the successfully qualified bidders whose Technical bids are found acceptable will be opened subsequently on the date that will be conveyed to them.
- g) Arithmetical errors will be rectified on the following basis. If there is a discrepancy between unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and total price shall be corrected. If the supplier does not accept the correction of the errors, its bid will be rejected.
- h) If there is discrepancy between words and figures, the amount in the words will prevail.
- i) The L1 bidder will be determined on the basis of the evaluation method as detailed in the next clause.

Any incomplete or ambiguous terms/conditions/quotes will disqualify the offer.

#### d. CLARIFICATIONS OF BIDS

To assist in the examination, evaluation and comparison of bids the Bank may at its discretion ask the bidder for clarification and response shall be in writing and no change in the price or substances of the bid shall be sought, offered or permitted.

#### e. NOTIFICATION OF AWARD

The acceptance of a tender, subject to contract, commercial considerations & compliance with all the terms and conditions will be communicated in writing by means of placing order at the address supplied by the bidder in the tender response. Any change of address of the Service provider, should therefore be promptly notified to The Deputy General Manager (G.A), Punjab & Sind Bank, HO G.A Department, 2nd Floor, Bank House, 21, Rajendra Place, New Delhi-110008 and written confirmation of such notification obtained.

#### f. SIGNING OF CONTRACT

The successful bidder shall be required to enter into a contract with PSB within 15 days of the award of the tender/ Letter of Intent or within such extended period as may be specified by the Zonal Manager, PUNJAB & SIND BANK, REGIONAL OFFICE MUMBAI, **27/29, Ambalal Doshi Marg, Fort, Mumbai- 400 001**

### 9. GENERAL CONDITIONS

- 1. The Contractor shall sign each page of tender.
- 2. Payment to the contractor Agency shall be made as per requirement, which shall not affect the rates quoted by the contractor.
- 3. Quantity of work may increase or decrease of the site as per requirement, which shall not affect the rates quoted by the contractor.
- 4. Furnishing works etc. shall be knotless which is to be polished with all background surface preparation course maintaining the visibility of wood grains.
- 5. All teak/cedar wood/rubber wood to be used should be knotless which is to be polished with all background surface preparation course maintaining the visibility of wood grains.
- 6. The rates to be quoted shall include the cost of material, labour charges, carriage, sales tax, or any/all other taxes any required hardware etc.
- 7. The contractor agency shall keep particular vigil on his workers/carpenters/painters etc. 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.
- 8. All rates shall be quoted in words and figures and cutting over writing shall be signed.
- 9. All items to be executed as per drawing, if any change is required, the same shall be brought to the notice of architect-in-charge.

10. Any tender/quotation containing clerical or arithmetical mistakes shall be rejected.
11. Any addition, alteration or correction shall be signed and stamped properly.
12. Contractor agencies are advised (before quoting the rates) to inspect the site of the proposed work. He must go through all drawings and specifications and documents.
13. The bank reserves the right to accept/reject any tender/quotation without assigning any reasons.
14. The contractor agency should have already executed works of Civil & exterior civil works of very good workmanship.
15. Quality of material and workmanship rejected by the Architect/concerned Authorities shall be removed immediately by the contractor and rectified/replaced.
16. 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 of any concerned/particular item.
17. The rates shall include the cost of coat of ant termite treatment on all wooden frame work and all commercial ply/board used for partitions and paneling, furniture etc. The contractor/s shall have to dismantle & dispose the existing counters, tables& partitions within the quoted cost of the total furnishing works.
18. Rates for partitions, paneling, wall cladding and false ceiling shall include cutting and making good necessary cut-outs/chiseling to be made for electrical conduits, switch boards etc.
19. Bank shall not be responsible for any loss 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
20. Any payment to the contractor on account of execution of work, whether it is running payment of final, shall be verified by the architect – in charge.
21. Unless, otherwise mentioned all material to be- used shall be I.S.I marked. Failure to do so, the work may be rejected and, in that case, contractor shall have to remove the defective materials and replace/re-do the work for which no claim shall be entertained.
22. The total work shall be supervised by the architect-in-charge and he/she shall be kept fully informed by the contractor for regarding the progress of work.
23. Bank may award the work in part or whole to the single party or other party.
24. It may please be noted that the Bank is not bound to allot the work to the lowest party, and as such, the allotment of shall be based on workability of rates quoted by the contractor on account of quality.
25. The bank reserves the right to reject any or all the tender without assigning any reason whatsoever.
26. The earnest money deposited shall not carry any interest and will be refunded to the unsuccessful tenderers.
27. Earnest money paid by the contractor shall be forfeited by the bank if contractor fails to undertake the job if he is communicated about acceptance his/tender.
28. The contractor shall take the necessary precautions while working and to safe guard adjacent property, banks employees, and traffic persons.
29. All the rates quoted are inclusive of removal of existing counter, partitions, and wiring. Rubbish/debris collected during the progress of work, rejected materials etc.
30. The contractor shall not directly or indirectly sublet the work to other party without written permission of bank.
31. 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.
32. The bank reserves the right to distribute the work for which quotations have been called, have among more than the 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.
33. All the workers of the contractor must be properly covered by an insurance policy

under “Workman’s compensation act” and “Fatal accidents Act”. The contractor of his own expenses arranges to effect and maintain until the virtual completion of the work, and indemnify the bank from all the liabilities arising out of such events. In case delay, contractor shall arrange to extend insurance policy till work is completed.

34. All the work should be completed within the specified period in the tender. If the work is delayed due to the reasons beyond the control of the contractor, he should keep intimating the bank explaining, there in the reasons for such delays, immediately and if in the opinion Bank’s authorities, the delay is justified, the contractor shall be granted extension in time limit.
35. The contractor shall furnish well in time before work commence of his own post, color samples, sample of materials of workmanship that may be called by bank’s Architect/Engineer for approval. Rates quoted shall cover for such preliminary work.
36. All the glass panes, door handles/hinges, electrical fittings, fans, furniture, records, floors etc. are to be thoroughly cleaned after the work is completed.
37. The rates quoted by the contractors shall be firm throughout the duration of contract (including extension of time if any granted) and will not and also follow all safety measures are subject to any fluctuation due to variation-in cost of material and labour.
38. Conditional tenders are liable to be rejected.
39. The successful tender is bound to carry out any item of work necessary for the completion of the job even those such items are not included in schedule of quantities.
40. If in any case of work required to be abandoned, the contractor shall not be entitled for any claims and he will be paid as per the actual work done till that period, if deemed fit.
41. Decision of the Bank shall be final and binding on any matter connected with the work. The matter of any dispute shall be decided after mutual discussions based on the terms and conditions of the contract. However, if the matter cannot be resolved there the same shall be referred to the respected qualified persons in agreed to both the parties and his opinion shall be binding on both the parties. However, this is recourse of any legal action in this regard.
42. If any stage during the progress of work, it is observed that the contractor is not progressing the work with due diligence, care of lagging much behind the schedule of fails to go get up the work despite instructions from Bank’s Architect, the employer(Bank) reserves the right to terminate the contract with 7 days’ notice. 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 either 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. In case of such termination the security deposit held by the bank will be forfeited.
43. Contractor shall follow all rules/regulations in force and should possess the license for employing labour and also follow all safety measures, labour bye laws and shall be responsible for any lapse.
44. 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 in-corporate by the contractor.

#### **10. LIQUIDATED DAMAGES FOR DELAY**

The times and date stipulated in the contract for the completion of the work or any part or stage thereof shall be deemed to be the essence of the contract. The work shall, throughout the stipulated period of the contract, be carried out with all diligence. If the contractor fails to complete the work within the time prescribed or within the extended time under the contract, he shall pay to the Bank on demand amount without prejudice to other rights and remedies the Bank may have against the contractor, 1% of contract price per week or part there of as liquidated damages for

such fault, if the work remain unfinished after the stipulated date of completion provided that the total liquidated damages payable shall not exceed 10% of the accepted contract price. The Bank may, without prejudice to any other method of recovery, deduct the amount of such damages from any money due or which become due to the contractor. The recovery or deduction of such damages shall not relieve the contractor from any obligations and liabilities under the contract.

#### 11. DEFECTS LIABILITY PERIOD

The contractor shall be responsible to make good and remedy at his own expense within such period as may be stipulated by the Bank any defect which may develop or may be noticed before the expiry of 12 (twelve) calendar months from the date of completion and intimation of which has been sent to the contractor within seven days of the expiry of the said period.

#### 12. RETENTION MONEY (for DEFECTS LIABILITY PERIOD)

The Bank will, at the time of making any payment to the contractor for work done or supply made under the contract deducts 10% of contract value. No interest would be payable by the Bank to the contractor on the security held in deposit.

#### 13. Performance Security

- 1) Within 07 days of receipt of the Letter of Intent (LOI, or the contract if LOI has been skipped), performance Security, valid up to sixty days after the date of completion of all contractual obligations by the contractor, as per details in under shall be submitted by the contractor to the Procuring Entity.
- 2) The amount of Performance security shall be @ 3% of the contract Price denominated in Indian Rupees or the currency of the contract and shall be in one of the following forms:
  - a) Account payee demand draft
  - b) Fixed deposit receipt from a commercial bank
  - c) Bank Guarantee issued by a commercial bank in India, in the prescribed form provided in Format
- 3) If the contractor, having been called upon by the Procuring Entity to furnish Performance Security, fails to do so within the specified period, it shall be lawful for the Procuring Entity at its discretion to annul the award and forfeit EMD money in case of breach of contract/non submission of performance security within specified time, besides taking any other administrative punitive action like 'Removal from List of Registered Suppliers' etc.
- 4) If the bidder, whose bid is the lowest evaluated bid withdraws or whose bid has been accepted, fails to sign the procurement contract as may be required or fails to provide the security as may be required for the performance of the contract or otherwise withdraws from the procurement process, the Procuring Entity shall cancel the procurement process. If the Procuring Entity is satisfied that it is not a case of cartelization and that the integrity of the procurement process has been maintained may offer the next successful bidder an opportunity to match the financial bid of the first successful bidder, and if the offer is accepted, award the contract to the next successful bidder at the price bid of the first successful bidder.
- 5) The Procuring Entity shall be entitled, and it shall be lawful on his part,
  - 1) To deduct from the performance securities or to forfeit the said security in whole or in part in the event of:

- i. any default, or failure or neglect on the part of the contractor in the fulfilment or performance in all respect of the contract under reference or any other contract with the Procuring Organization or any part thereof
    - ii. for any loss or damage recoverable from the contractor which the Procuring Entity may suffer or be put to for reasons of or due to above defaults/ failures/ neglect
  - 2) and in either of the events aforesaid to call upon the contractor to maintain the said performance security at its original limit by making further deposits, provided further that the Procuring Entity shall be entitled, and it shall be lawful on his part, to recover any such claim from any sum then due or which at any time after that may become due to the contractor for similar reasons.
- 6) Subject to the sub-clause above, the Procuring Entity shall release the performance security without any interest to the contractor on completing all contractual obligations, including the warranty obligations, if any. Alternatively, for the duration of Warranty obligations, upon the contractor submitting a suitable separate Warranty Security, the original Performance Guarantee Security shall be released mutatis mutandis.
- 7) No claim shall lie against the Procuring Entity regarding interest on cash deposits or Government Securities or depreciation thereof.

#### 14. BILL PAYMENT

- a) Final bill supported with consolidated measurement of the full work executed shall be submitted by the contractor within 07 days from the date of issue of certificate of virtual completion.
- b) Architect/Bank or his representative shall verify the requisite measurement for the purpose of having the same verified for the claim as far as admissible
- c) All measurements to be taken in duplicate and all bills shall be submitted in triplicate along with a contractor's copy of each.
- d) When the final bill has been verified and corrected, the architect will give seven days' notice to the contractor to countersign the bill in token of acceptance, the contractor shall counter-sign the bill within the above seven days or intimate in writing his intention to dispute.
- e) If the contractor fails to take appropriate action as above within the period prescribed, the bill finalized by the architect or his representative shall be final and binding on the contractor and the contractor shall have no right to dispute the same.

#### 15. CLAIM FOR INTEREST

No claim for interest will be entertained by the Bank with respect to any moneys or balances which may be in its hands owing to a dispute between itself and the contractor or with respect of any delay on the part of the Bank in making interim or final payments or otherwise.

#### 16. JURISDICTION

The contractor and its operation shall be governed by the law of India for the time being in force, irrespective of the place of delivery of materials the place of execution of work or place of payment under this contract shall be deemed to have been entered into at Mumbai.

#### 17. LIASONING & CO-ORDINATION WITH LOCAL MUNICIPAL AUTHORITIES

The contractor has to liaison and takes any clearance from local authorities like Punjab authorities/NDMC/Fire/Police or any other authorities for approval to start renovation and during renovation of work including Defect Liability Period if needed. Only statutory fees will be reimbursed by PSB

18. FORMS OF TECHNICAL BID

1.) DETAILS OF THE FIRM (To be submitted as Annexures as listed below)

Annexure-A

S.No.	Information regarding	Details to be furnished by the Bidder
1	Name & Address of the firm	
2	Status of the Firm (Enclose Copy)	<input type="checkbox"/> Company <input type="checkbox"/> Partnership <input type="checkbox"/> Proprietor Firm <input type="checkbox"/> Individual
3	PAN No.	
4	Correspondence address with contact person, name, telephone number, mobile number, E-mail etc.	
5	Name & details of Directors/Partners/ Proprietor	
6	Registration Details- Companies/ Firm Registration No. & Date- PAN No. GST No. Electrical Contractor License No-	Self-attested Copies to be attached
7	Place of incorporation/registration	
8	Year of Incorporation/registration	
9	Main Lines of business	
10	If you are registered in panel of other Organization / Statutory bodies such CPWD, PWD, MES, Banks, etc, furnish their name, Category and date of registration.(furnish proof)	Copies to be attached (Expired certificates will not be considered)
11	Details of EMD	UTR No : Date : Concerned Bank/Branch:
12	Names of the Bankers with address	1. 2. 3.
13	Turnover of the company. Please provide the details for the last 3 years ending March 31, 2025. (Certified copies of audited/self-attested Balance financial year Sheet and profit & loss account statement to be enclosed ) (in Lacs) (in INR	2024-2025- Rs. 2023-2024-Rs. 2022-2023-Rs

CERTIFICATES	YES
Income Tax returns filed Certificate	
GST registration Certificate	
Provident Fund registration Certificate	
Work completion certificates	
PAN Card	
Audited Balance Sheet for last 3 years	
PAN Card,	
ESI cover of employees	
Proof of any Bonus paid to employee	

Note: It is mandatory to attach attested copies of Items. If any of the certificates is not attached without providing any valid reason, then provide valid reasons

Details of litigation / arbitration cases resulting from the contracts executed by your firm in the past or currently under execution

Year	Award for /Against Applicant	Name of Client	Cause of Litigation	Disputed Amount	Actual Award Amount

**KEY PERSONNEL OF THE ORGANISATION**

Sl. No.	Name	Designation	Qualification	Professional experience	No. of years working with the organization

**ORGANIZATIONAL SET UP AND TRAINED MAN POWER AVAILABLE**

Sr.No.	Name	Employee Code	Qualification	Experience	Works done	Employed with your firm since	Any other information

**LIST OF CONTRACTS EXECUTED DURING LAST 5 YEARS**

S.No.	Name and address of client/employer client/ Employer	Supervising Authority under whom the work was carried out (Name and Designation)	Work Order Ref No & Date	Contract Period	Contract Value (In Rs Lacs)	Copy of work order and Performance certificate enclosed	Remarks

**DETAILS OF WORKS IN HAND**

Name of work	Name & Address of client	Value of Firm's Portion of total Contract	Date of award	Original Stipulated Date of Completion	Value of Outstanding Work (Rs. Lakhs)	Estimated Completion Date	Reasons for Delay, if any	Special Features, if any

1. Details of all works which are at various stages of execution including works for which work orders have been received but work is yet to start, or works approaching completion but for which full completion certificates are yet to be issued, are to be provided.

2. Details as available at the time of preparation of this document have to be provided.

**PAST PERFORMANCE**

Names along with address and telephone numbers of two organization for whom work done in the past and who are in a position to certify the past performance of your firm

Sr.No	Name of the employer	Address	Contact Number	Fax/E-mail

**PLANT & EQUIPMENT OWNED BY THE ORGANISATION AND AVAILABLE FOR THIS WORK**

S.N	Equipment	Year of Manufacture	Capacity	Number/ Quantity

Note:

1. Give details of all the key equipment for construction, such as concrete mixers, weigh batchers, vibrators, Trucks, Tippers, Hoists, Rammers, Steel shuttering plates, Steel Scaffolding materials, polishing machines, that the firm proposes to use for the proposed works at the site.
2. The applicant should clearly demonstrate that he has access to all key equipment which will be required for the successful completion of the works.

**DECLARATION**

1. All the above information furnished by me /us here above is correct to the best of my knowledge and belief.
2. I/we have no objection if enquiries are made about the work listed by me /us as above/in the.
3. I/we agree that the decision of Punjab & Sind Bank in selection of the Service providers will be final and binding on me/us.
4. I/we have read the instructions appended to the proforma and I/we understand that if any false information is detected at a later date, the empanelment/award of contract shall be cancelled at the discretion of the bank.

I/We confirm that to the best of our knowledge this information is authentic and accept that any deliberate concealment will amount to disqualification at any stage.

Place:  
Date:  
Seal of the firm  
Annexure-B

Signature of the Bidder  
Name and Designation

**CLIENT’S CERTIFICATE REGARDING PERFORMANCE OF CONTRACTOR (On Client’s letter head) Name of address of the Client: ..... Name of the Interior Furnisher:**

1	Name of work with brief particulars	
2	Agreement No. and date	
3	Agreement amount	
4	Date of commencement of work	
5	Stipulated date of completion	
6	Actual date of completion	
7	Details of penalty levied for delay(indicate amount),if any	

8	Gross amount of the work completed and paid	
9	Name and address of the authority under whom works executed	
10	Whether the contract employed qualified Engineer/ Overseer during execution of work?	
11	Quality of work	Outstanding/Very good/Good/Satisfactory/Poor
	Amount paid on reduced rates, if any	
12	i) Amount paid on reduced rates, if any	
	ii) If yes, total amount of claim	
	iii) Total amount awarded	
13	Comments on the capabilities	
	a) Technical proficiency	Outstanding/Very good/Good/Satisfactory/Poor
	b) Financial soundness	Outstanding/Very good/Good/Satisfactory/Poor
	c) Mobilization of adequate T&P	Outstanding/Very good/Good/Satisfactory/Poor
	d) Mobilization of manpower	Outstanding/Very good/Good/Satisfactory/Poor
	e) General behavior	Outstanding/Very good/Good/Satisfactory/Poor

Note: All columns should be filled in properly

Place: Date :

Address:

SIGNATURE WITH STAMP OF THE CLIENT

## 19. GENERAL CONDITIONS OF CONTRACT

1. The tender must be submitted in a sealed cover superscripted with the tender number, the name of the work as given above and the tenderers name & address on the bottom left side of the envelope and handed over to the BANK. Tenders will be received upto 3.00 p.m. on 13.05.2026.
2. The tenderer should visit the site and acquaint him with the site conditions and should study all the tender documents carefully and understand the tender contract conditions, specifications etc. before quoting. If there are any doubts they should get clarification in writing.
3. Late tenders i.e. tenders submitted / received after 3.00 p.m. on 13.05.2026 will not be considered.
4. The tender documents are non-transferable.
5. All the entries in the tender documents must be made in English and all entries must be by hand and written ink. If any of the documents is missing or unsigned, the tender may be considered invalid by the BANK in its discretion.
6. The tenderer should quote the rate and amount for the assessed quantities (area) of each item. The rates for each item should be written both in figures as well as in words. Erasures, alteration, and overwriting must be avoided. Wrong figures and words, if any, should be scored out and the correct figures and words neatly written authenticated by the signature of the tenderer. No advice of any change in rates or conditions after opening the tender will be entertained.
7. In the event of any discrepancy in the rates quoted in words and figures, the former shall prevail. Mathematical computation error, if any, in the amount shall however be rectified.
8. The Employer has assumed that Contractor is fully aware of all items of work. Some items of work will be done simultaneously and some items will be done in sequence and different operations in different times.
9. The Contractor is responsible for the due and proper execution of all the works, terms and conditions stipulated under this contract. Before offering his tender, Contractors should visit the site of works to ascertain the nature of work and to collect all relevant information such as general, local, physical & climatic conditions of the site, availability, handling and storage of materials, water, electricity, availability of labour, roads, the configuration of the ground. Any failure on the part of the Contractor in this regard shall not absolve him from any responsibilities or obligations under this contract and no claim whatsoever on account of these shall be entertained.
10. On receipt of intimation from the BANK for the acceptance of his/ their Tender, the successful Tenderer shall be bound to implement the Contract and within ten days thereof, the successful Tenderer shall sign an agreement if called upon to do so, but the written acceptance by BANK of a Tender will constitute a binding contract between BANK and the person so tendering, whether such formal agreement is or is not subsequently executed.
11. The tenderer should note that unless otherwise stated, the Tender is strictly on item rate basis and his attention is drawn to the fact that rates for such a every item should be correct, workable and self-supporting. The quantities in the Schedule of Quantities approximately indicated the total extent of work, but may vary and even be omitted thus altering the aggregate value of the Contract. No claim for any compensation shall be entertained in this regard.
12. The tenderer must obtain all the information which may be necessary for the purpose of tendering for himself, on his own responsibility and at his own expenses and for entering into a Contract must inspect the Site of the work and all matters pertaining thereto, regarding supplying, fabricating and erecting at Site without any damage to the existing

- property of the Client's or their neighbors, if any.
13. PUNJAB & SIND BANK does not bind itself to accept the lowest or any tender and reserves to itself the right to accept or reject any or all the tenders either in whole or in part, without assigning any reasons for doing so. PUNJAB & SIND BANK also reserves the right to divide the work between two or more tenderers and the successful tenderers shall have to carry out even part orders for various items at quoted rates. No variation in rates shall be allowed on this account under any circumstances, whatsoever no correspondence will be accepted / entertained in this connection and Bank decision shall be final conclusive and binding on all.
  14. The rates shall be firm and shall not be subject to exchange variations, labour conditions, fluctuations in Railway Freights or any conditions whatsoever.
  15. The rates quoted by the tenderer in the schedule of quantities will be deemed to be for the finished work and shall include all charges for:
    - i. Design, Fabrication, supply and installation at Site, Labour, maintenance, fixing, arranging, cleaning, making good, hauling etc.
    - ii. Plant, double, scaffolding, frame work, ladders, ropes, nails, spikes, tools, materials, workmen, protection from weather, temporary support, platform, and maintenance of the Same. Insurance for labour materials and third party.
    - iii. All Taxes or any other levy imposed by Central Government or State Government or any
    - iv. Local Authorities.
    - v. Packing, transportation, loading and unloading, freight charges, transit
    - vi. Covering for the walling and other works during inclement weather or strikes or whenever
    - vii. Directed, as necessary.
    - viii. All temporary canvas, lights, tarpaulin, barricade, water shoots etc. vii. All measures required to be taken for protection of existing works.
    - ix. All such temporary weather-proof sheds at such places and in a manner approved by the Architect for the storage and protection of materials against the effects of sun and rain.
    - x. Testing of materials.
    - xi. No tools and plants shall be issued by the Bank under the Contract.
  16. All the payments of bills for the work shall be approved by REGIONAL OFFICE, PUNJAB & SIND BANK, MUMBAI and payment done by the respective branch.
  17. For any clarification in any item of work, The contractor should get the same from the Architect before carrying the work and all items of work should be carried out with the approval of the Bank.
  18. BANK'S RIGHT OF ACCEPTANCE OF BIDS  
The BANK does not bind itself to accept the lowest or any tender and reserves to itself the right to accept or reject any or all the tenders either in whole or in part, without assigning any reasons for doing so. BANK also reserves the right to divide the work between two or more tenderers and the successful tenderers shall have to carry out even part orders for various items at quoted rates. No variation in rates shall be allowed on this account under any circumstances, whatsoever no correspondence will be accepted / entertained in this connection and BANK's decision shall be final conclusive and binding on all.

## 19. BID, QUANTITIES / MEASUREMENTS

- i. Price bid shall be quoted for all the items described in the schedule of quantities. Price quotation for part items of the schedule shall not be accepted and such tender shall be summarily rejected.
- ii. No payment shall be made for the personal visit for assessing the quantities/measurements for the preparation of the tender bid.
- iii. Quantities / measurements for which the bid for various item is submitted shall be given precisely in the schedule of Quantities, These quantities and measurements shall be based on the basic of personal assessment and physical verification at site.
- iv. The Contractor shall calculate realistic quantities after receipt of drawings and after submitting first interim bill but before submitting the second interim bill to Bank.
- v. Any work done at factory will not be counted in the running accounts bill until the material is brought on site.
- vi. Excess quantity shall not be executed without written permission from Bank. In case of upward or downward revision in quantities of items, the rate quoted by the Contractor shall remain firm at all the times.
- vii. The contractor shall take joint measurements with the Architect/Bank representative before covering up or otherwise placing beyond the reach of measurement any item of work should the contractor neglect to do so, the same shall be uncovered at contractor's expense or in default thereof, no payment or allowance shall be made for such work or the materials with which the same, was executed.
- viii. In case of any class of work over which there is no specification mentioned, the same shall be carried out in accordance with the latest Indian Standard Specifications subject to the approval of the Architect / Bank.

## 20. DIMENSIONS:

- a. Figured dimension are to be followed in all cases, large scale details take precedence over small scale drawings, In general the drawings shall indicate the dimensions positions and type of construction, the specification shall indicate the qualities and methods, and the bill of quantities shall indicate the quantum and rate for each item of work.
- b. Any work indicated in the drawings and not mentioned in the specifications or vice-versa shall be furnished as though fully set forth in both. Any ambiguity, conflict of interpretation, errors or inconsistencies discovered in the drawings / documents shall be promptly brought to the provisions giving more rigorous interpretation shall prevail but in the event of disagreement between the contractors and the supervisors, decision of Architect shall be final. In case of any discrepancy, the contractor is to ask for an explanation before proceeding with the work. However specifications will prevail over the drawings.

## 21. OBSERVANCE / COMPLIANCE OF LABOR LAWS AND OTHER STATUTORY PROVISIONS FOR THE CONTRACT

- i. The contractor shall, in the execution of the contract, be responsible to comply with all the labor laws & statutory provision governing the work, such as, but not limited to, the following Laws or any other act or enactment relating thereto and rules as amended up to date.
  - a. Contract labor (Regulation & Abolition) Act. 1970. The Contractor shall submit a copy of the license obtained under this act along with the bid.
  - b. Employees State Insurance Act for Security and Insurance of staff/ workers.

- c. Payment of Wages Act.
  - d. Minimum wages Act, 1948.
  - e. Workmen's Compensation Act.
  - f. Industrial Disputes Act.
  - g. Bank's Liability Act
- ii. The Contractor shall abide by and adhere to all labour laws, PF, ESIC, etc. The Contractor shall work only on and during hours of working day unless he obtains prior approval of the Architect / Bank. The Contractor will observe and abide by the rules and regulations of the public Authorities regarding overtime, night working and any particular rule regarding nuisance to the residence that may result there from.
- a. The works to be carried out under the contract shall, except as otherwise provided in these conditions, include all labor, supervision, materials, tools, tackles, plants, equipment, transport, lead/ lift of materials etc. as may be required for execution and completion of the works.
  - b. The materials used for the work shall be of prescribed quality / standard and the work executed according to the prescribed specification. Materials and mix not being of the specified standard / specification shall be rejected at the cost of the contractor.
  - c. After completion of work all accumulate debris, dirt etc shall be removed and disposed away from the BANK premises by the contractor at his expense and no payment shall be done / made for that.
  - d. Doors, Windows, Staircases and passages shall be cleaned / washed by the contractor as part of the contract work without any additional payment.
  - e. The debris shall be removed from the site every three days.
  - f. The contractor shall clean the site everyday before the closure of work.
  - g. No additional work is to be carried out by the contractor unless instructed by the BANK through Architect. The contractor will have to carry out the item of work with prior permission from BANK and as per instruction from Architect which may not have been specified in tender but necessary for completion of job.

## 22. INCOME TAX

- a. The bidder shall indicate his Income Tax PAN/GIR Number.
- b. Income Tax at applicable rates of the amount of each payment shall be deducted and deposited with the Government as per Current Statutory provision if applicable. On completion of the work, a certificate for the Income Tax deducted at source given to the contractor.

## 23. DOCUMENTS TO BE COMPLEMENTARY

All sections of contract document and working drawings shall be complementary to each other. In case of ambiguities, discrepancies or contradictions between any two sections. Bank / Architect's decision shall be final and binding on the contractor for interpretation of same.

## 24. COMPLETION PERIOD

Time is the essence of the contract and the contractor is required to complete the entire work to the satisfaction of the Bank in 6 Weeks from the date of work order.

## 25. Program work and progress reports

The successful contractor will have to submit a detailed bar-Chart indicating the schedule

of various activities from the date of commencement till completion and get the same approved by Architect. Contractor shall strictly adhere to the same. This program shall form part of contract and shall be binding on the contractor. However, the BANK reserves the right to alter the Program, if necessary, from time to time, No claim whatsoever of any nature by the Contractor on this account shall be entertained by BANK. They shall also have to write their requirements about co-ordination from other agencies working at site.

#### 26. WATER & ELECTRICITY REQUIREMENT

- a. The Contractor will be permitted to draw and use water from BANK's U/W Tank and O/W Tank. He will not claim any compensation for late, intermittent and no supply of water. At the time of shortfall, the Contractor will arrange water without any extra cost. The Contractor has to arrange 'Sintex' tanks of adequate capacity to store water and pumps and pipes for distribution of water from tanks to work place free of charge. The site for storage and distribution of water will be decided by the owner / Bank.
- b. The Contractor will be provided Electricity at one point by the BANK free of cost, only most convenient to the Bank. He will also ensure that all safety measures are adhered to at his costs. The Contractor will not make any wastage of this facility nor will claim any compensation for late or intermittent supply for electricity. Cost of power shall be born by the BANK. Any accidents, mishaps, etc. due to fault and negligence of Contractor's workmen, the Contractor will be responsible and indemnifies and keep indemnified the members of the managing and repair committee and the BANK.

#### 27. DELAY IN COMPLETION OF WORK

- a. Liquidated damages per week will be 1% of the contract value inclusive of non-completion of work in time including Sundays and holidays per week, subject to maximum of 10% of contract value. The Bank may without prejudice to any other mode of recovery deduct the amount of such damages from any moneys in his hands due or which may become due to the Contractor. The payment or deduction of such damages shall not relieve the Contractor of his obligations and liabilities of this contract.
- b. If in the opinion of the Bank / Architect, the works gets delayed due to causes which the Bank may consider being beyond the control of the contractor, the Bank at the completion of the time allowed for the contract shall make fair and reasonable extension of time for completion in respect thereof. For extension of time for completion, the contractor has to apply in writing with detail reasons.

#### 28. PAYMENT SCHEDULE

- a. Total value of work in Rupees is including all taxes, transportation, loading, unloading, Octroi charges etc. and nothing extra will be paid on any account. In the event of variation in the Quantity / Area, the payment shall be made on the basis of the actual Quantity / Area at the quoted Rate. (GST will be borne by the bank).
- b. Bill in Triplicate duly Certified by Architect shall be submitted to Bank after satisfactory completion of the work. Payments to the contractor shall be made within 25 days of submission of each "on account" bill. Bill submitted by the contractor must contain item wise quantity of work done in a manner that verification of work done can be done. The quantities for which the bills are submitted shall be subject to physical verification before payment.
- c. In the event of variation in the Quantity / Area, the payment shall be made on the basis of the actual Quantity / Area at the quoted Rate.
- d. No interest will be given for late payments.

- e. All payments to the Contractor shall be made subject to deduction of taxes at source at the rate applicable.
- f. Final payment, except Security Deposit (which is to be released only after the defect liability period including observing the performance of water proofing during the rainy season) shall be made within 30 days from the submission of the final bill after verification of the completion of the work. No further claim except the security Deposit after the submission of the FINAL BILL shall be accepted.
- g. For final payment, the Contractor will submit details of all items, payments received for works and materials, any claim and net balance due which Architect/ Bank will check, make any adjustments if any, will receive 'No Claim' from the Contractor and pay and settle the same if any.
- h. The Contractor will submit original certificate for payment of Works Contract Tax in respect of the Owner / Bank or else the same will be deducted from his bills.
- i. The decision of the Architect and repair committee for payment or for any extra work to be made or any deduction to be made from the whole cost of the work or any other matter whatsoever relating to the contract shall be final and binding to all parties.
- j. The Contractor shall be liable to pay Rs. 500/- per day as penalty in the event of default for any reason whatsoever in the removal of debris and / or materials and / or tools and / or plants and / or equipment within 3 days from the written instructions given to contractor to do so till such removal takes place. The penalty imposed by the Society will be in addition to the penalty mentioned above. The Bank may without prejudice to any other mode of recovery deduct the amount of such damages from any moneys in his hands due or which may become due to the Contractor. The payment or deduction of such damages shall not relieve the Contractor of his obligations and liabilities of this contract.

## 29. Supervision

### DEFECTS IN WORK

1. Any defects / deficiency pointed out by the BANK's authorized person(s) shall be removed / rectified to his / their satisfaction, otherwise payment for such items(s) shall not be passed till the defect/ discrepancy is removed / rectified by the contractor.
2. The Architect shall have the power to withhold any certificate of work and/ or part thereof not being carried out to his satisfaction and he can make the necessary corrections in previous certificate in any subsequent certificates.
3. In case the Contractors are disobeying Architect/ Bank, they may get bad work replaced in the manner the Architect think fit at the cost and consequences of the Contractor.
4. The Architect/ Bank shall have the right to alter, omit and abandon any part of work without invalidating the contract. If any work is over and above that included into the Contract and is required to be executed at site, the Architect/ Bank has power either to delegate this work to Contractor as an extra item or to any outside Contractor, as the case may be.

## 30. SECURITY OF WORKS / MATERIALS / STORES ETC OF THE CONTRACTOR AND BANK'S PROPERTY

1. The Contractor shall be responsible to make safety arrangements at his own cost for his materials / stores, storages, etc. All such stores shall be cleared away and the ground left in good and proper order on completion of this contract unless otherwise expressly mentioned therein.
2. All stores and materials brought to the site shall become and remains the property of the Bank and shall not remove from the site without prior written approval of the Bank.

When the work is finally completed or the contract is determined for reason other than default of the Contractor, he shall forthwith remove the same from site.

3. All tools, plant and equipment brought to site by the Contractor shall not be removed from the site without prior written approval of the Bank. When the work is finally completed or the Contract is determined for reason other than default of the Contractor, the Contractor with prior written permission of the Bank shall forthwith remove the same from site all tools, plant and equipment.
4. For any damage / injury to the BANK's property or to any member of the BANK or to the members property on account of any unsafe practices adopted or by any un-prudential action by the Contractor or by his men, the contractor shall be responsible. BANK reserves the right for recovering proper remedy / compensation for the same from the contractor.
5. Contractor should indemnify and keep indemnified the Bank against any legalities arising out of labour rules, local authorities rules etc. during the execution of work and any losses and claims for injuries or damage to any person or any property and should take third party insurance in the joint name of Bank and contractor.
6. The Contractor shall ensure protection to the owners, flat owners, occupiers of the Bank, other properties near site and to the public in general. The approach is kept free at any time.
7. The contractor must take all measures and precautions to prevent death / injury to his own labors or any other person and shall take THIRD PARTY (Public Liability) Insurance Policy in the joint name of BANK and contractor at his own expenses. This will be comprehensive and all risks covered to safeguard all men, materials and property during and on account of the execution of work under this contract and will submit certified copy to employee.
  - a. All Risk Policy with accidental cover to neighboring property due to work of contractor's workmen.
  - b. Workmen's Compensation Policy.
  - c. Automobile Third Party Insurance with unskilled third party liability of his vehicles or his suppliers or debris removal vehicles, etc. damaging any cars, etc. while bringing, removing materials, etc.
8. The contractor shall, if required by Architect / bank, arrange to test materials and / or portion of the work at his own cost in order to prove their soundness and efficiency. If after any such test, the material or portion of work is found, in the opinion of the Architect and Bank to be defective or unsound, the contractor shall pull down and re-erect the same at his own cost. Samples of materials and workmanship shall be submitted by the contractor for the approval of the Architect / bank before procurement and execution.
9. Contractor shall submit written performance guarantee from the manufactures of all bought out items.
10. The Contractor shall submit original copies of invoices, order forms for any materials purchased for project work, to the Bank / Architect if called for.

### 31. CONTRACTOR'S SUPERVISION

1. The Contractor shall give and provide all necessary superintendence during the execution of work and as long after as Architect / Bank may consider necessary for proper fulfilling of Contractor's obligations under the contract. The Contractor shall himself supervise the execution of contract and shall appoint a full time competent agent (site engineer / supervisor) approved by the Architect / Bank to act on his behalf and to be present all throughout at site. The Contractor shall further employ

- engineers and assistants to the above to supervise the work in sufficient numbers to the satisfaction of Architect / Bank. These engineers must be completely authorized by the Contractor to represent him and to receive and execute order and instructions by the Architect / Bank as if Contractor himself is present. The Contractor shall visit the site daily and shall have minimum once a week, or more as the case may be, joint meeting with the Architect & Bank on a day fixed jointly by the Architect and the Bank.
2. The Contractor shall provide and employ on site in connection with the execution and maintenance of the works:
    - a) Only such assistance's as are skilled and experienced in their respective fields and qualified and such agents, foreman and leading hands as are competent to give proper supervision to the work.
    - b) Such skilled, semi-skilled and unskilled labour as is necessary for the proper and timely execution and maintenance of the work.
    - c) The contractor shall employ a whole time qualified and competent supervisor for the work, whose name shall be notified and who shall interface with the BANK's representative(s) for the ongoing contract work.
  3. The Architect / Bank shall be at liberty to object any Contractor man / men, employed by him, for misconduct or is incompetent or negligent in the proper performance of his duties or whose employment is otherwise considered by the Architect / Bank to be undesirable to work within the premises of BANK. Any person so removed from the works shall be replaced immediately by a competent substitute.

#### 32. INSURANCE

The contractor shall obtain adequate insurance cover at his own cost for work against any loss or damages as well as workman compensation and third party risk, until the date of virtual completion of the work. The insurance cover shall be in joint names of the owner and the contractor, is to be deposited with the owner within 7 days from the date of issue of work order.

#### 33. SUBLETTING

The selected contractor shall not sub-contract the work to any other individual, Agency or firm.

#### 34. OCCUPATION OF PARTIALLY COMPLETED PORTION BY THE BANK

The Bank shall be entitled to and will be at liberty to occupy even the partially completed portion of the work by themselves or through their agents and servants if they so desire. Necessary extension of time for completing the work shall have no claim for any compensation whatsoever due to the delay, if any involved in completing the work on account of partial occupation.

#### 35. MOCK UP

The Contractor shall prepare a mock-up of items, if required, strictly in accordance with the specification, free of cost, for approval of Architect and Bank. The work on these items shall proceed further only after the approval of the mock-up.

#### 36. UNSCHEDULED ITEMS OF WORK

- a. Work should be carried out strictly as per the standard specifications given in Tender document and the directions of the Engineer Workmanship / Work of substandard nature will not be accepted and paid for.
- b. Any work carried out as per specifications and found defective in opinion of architect

- /consulting engineer shall be demolished are replaced by new work by contractor to the satisfaction of architect / consulting engineer.
- c. If change in any item or additional work is to be carried out while executing the job by the contractor will be executed with prior consent from the Bank and as per instruction from Architect which may not have been specified in tender but necessary for completion of job.
  - d. In case of any dispute the decision of Bank will be final and binding on the contractor.
  - e. The Contractor shall comply with all acts and regulations for the successful completion of the contract works and shall give due notice and pay all fees / taxes etc. as per statutory requirements.
  - f. No additional work is to be carried out by the contractor unless instructed by the Bank through architect.
  - g. All materials to be delivered at site. If the material used for the work is not in conformity with the specifications, the same shall be replaced at your cost. All the material required for the above work shall be arranged by the contractor at his own cost.
  - h. Selection of material to be done in consultation with the Bank's representative / Architect. The Contractor shall, if required by Architect/Bank, arrange to test materials and / or portion of the work at his own cost in order to prove their soundness and efficiency. If after any such test, the material or portion of work found, in the opinion of the Architect and Bank to be defective or is found, in the opinion of the Architect and Bank to be defective or is found, in the opinion of the Architect and Bank to be defective or unsound, the Contractor shall pull down and re-erect the same at his own cost. Samples of materials and workmanship shall be submitted by the contractor for the Approval of the Architect / Bank before procurement and execution.
  - i. Rules for varied/deviated or extra items to be worked out on the rates quoted in the Tender for the similar items. Wherever it is not possible to base the rates for varied/deviated or extra items on Tender quoted rates then the rate analysis is to be submitted by the contractor will include the actual cost of material, Taxes, Transportation if any, Miscellaneous expenses, Labour, Wastage of materials, 15% towards contractors overheads and profit.
  - j. Bank will provide free Electricity and Water for the execution of work. However the Contractor shall make his own arrangement to draw the power and water from source as decided by Bank.
  - k. While executing the work the contractors have to ensure that no inconvenience whatsoever is caused to the offices / people staying/ residing/ functioning in the premises.
  - l. On completion of the work the contractor shall clear away and remove from the site all constructional plant, surplus materials, rubbish and temporary works of every kind and leave whole of the site and the works clean and in a workman like condition to the satisfaction of client. No extra payment will be made for this purpose. After completion of work all accumulated debris, dirt etc shall be removed and disposed away from the Bank premises by the contractor at his expense. The Contractor shall take due care while disposing of such waste materials and ensure that any rules / regulations laid down by Municipal Corporation or any other statutory body are not violated. The Contractor shall be responsible and answerable to any complaint arising out of improper disposal of waste material.
  - m. Doors, Windows, Staircases and passages shall be cleaned / washed by the contractor as part of the contract work without any additional payment. The contractor shall clean the site every day before the closure of work.
  - n. Adequate number of fire extinguishers, first aid boxes, must be provided on the site

by the contractor.

- o. Any item work which is not specified in the schedule and which is not capable of assessment by sight (visual) inspection and which becomes known only after the contract work has commenced, such as broken/ leaky pipes, cracks in walls, seepage. Percolating through the walls, beams / pillars etc shall be, on joint inspection, by the BANK and Contractor, assessed for quantum and the rate decided on mutual consultation.

### 37. VARIATIONS

The Architect/ Bank shall make any variations of the form, quality or quantity of the works or of any part thereof that may in their opinion be necessary and for that purpose or for any other reason it be necessary, the Contractor shall do any of the following :

- a] Increase / decrease/ omit any work
- b] Change, character, quality, level, lines, position, dimensions etc.
- c] Execute additional work of any kind as may be necessary for completion of the work.
  - a. And no such variation shall in any way vitiate or invalidate the contract but the extension of proportionate time limit, if any, for all such variations shall be taken in to account.
  - b. The Contractor shall make no such variations without an order in writing by Architect /Bank.

### 38. CANCELLATION OF THE CONTRACT OR PART OR FULL ON CONTRACTOR'S DEFAULT:

If the Contractor shall at any time:

- a) Become bankrupt or insolvent.
- b) Make an arrangement without assignment in favour of his creditors or agree to carry out the contract under the committee of Inspection of his creditors.
- c) Being an individual / partner / company or corporation go in to liquidation.
- d) Have action levied on his goods or property on the works.
- e) Assign the contract or any part thereof otherwise than as provided in the general condition of the Contract.
- f) Abandon the Contract.
- g) Persistently disagree the instructions of the Architect / Bank and or contravene any provisions of the contract including general accepted principles of working.
- h) Stopping the work under flimsy excuse with threatening attitude or showing discourtesy to members so the majority members wish this.

In that case, the Bank may determine and terminate the contract after giving due notice and time to the Contractor. The Bank shall be entitled after giving due notice in writing for removal of the Contractor from whole or any portion of work, without avoiding the Contract or releasing the Contractor from any of his obligation or liabilities under the Contract and adopt any or several of the following measures:

- I. Rescind the Contract, in which case the security deposit of the Contractor shall stand forfeited to the Bank without prejudice to Bank's right to recover any amount from Contractor,
- II. Carry out the work or any part thereof by employing other agency and required labour and materials and debiting on Contractor's account.
- III. Measure up the work executed by the Contractor and to get the remaining work completed by another contractor at the risks and expenses of the Contractor. In the event of any several of the courses referred above being adopted.
- IV. Upon non-completion of the work, upon use of substandard quality, upon non co- operation, upon a deadlock on a particular issue between the

Owner/ Bank and the Contractor / Architect.

- a. The contractor shall have no claim for compensation for any loss sustained by him by any reason for material purchased by him, tools, machinery, labor to retain the same in further execution of the work for wear, tear and destruction caused by his negligence.
- b. The Bank shall be entitled to take possession of any materials, tools, machinery, equipment which was on site, as if those are the property of Bank to carry out the balance work, In this case Contractor is not entitled for any compensation for use and employment of the same.

### 39. ARBITRATION CLAUSE

All disputes or differences of any kind whatsoever which shall at any time arise between the parties hereto touching of concerning the work or the execution or maintenance thereof of this contract or the right touching of concerning the works or the execution or maintenance thereof of this contract or the construction, remaining operation or effect thereof or to the rights or liabilities of the parties or arising out of or in relation thereto whether during or after determination, foreclosure or Branch of the Contract (other than those in respect of which the decision of any person is by the contract expressed to be final and binding) shall after written notice by either party to the contract to the other of them and to the Appointing Authority who shall be appointed for this purpose by the Bank, be referred for adjudication to a sole arbitrator to be appointed as hereinafter provided.

For the purpose of appointing the sole Arbitrator referred to above, the Appointing Authority will send within thirty days of receipt by him of the written notice aforesaid to the Contractor, a panel of three names of persons who shall be presently unconnected with the organization for which the work is executed.

The contractor shall on receipt by him of the names as aforesaid, select any of the persons named to be appointed as a sole Arbitrator and communicate his name to the Appointing Authority within thirty days of receipt by him of the names. The Appointing Authority shall thereupon without any delay appoint the said person as a sole Arbitrator, if the contractor fails to communicate such selection as provided above within the period specified, the Appointing Authority shall make the selection and appoint the selected person as the sole Arbitrator.

If the Appointing Authority fails to send to the Contractor the panel of three names as aforesaid within the period specified, the Contractor shall send to the Appointing Authority a panel of three names of persons who shall all be unconnected with either party. The Appointing Authority shall on receipt by him of the names as aforesaid selected any one of the persons named and appoint him as the sole Arbitrator. If the appointing authority fails to select the person and appoint him as the sole Arbitrator within thirty days of receipt by him of the panel and inform the contractor accordingly, the contractor shall be entitled to appoint one of the persons from the panel as the sole Arbitrator and communicate his name to the Appointing Authority.

If the Arbitrator so appointed is unable or unwilling to act or resigns his appointment or vacates his office due any reason whatsoever another sole Arbitrator shall be appointed as aforesaid.

The work under the contract shall, however, continue during the arbitration proceeding

and no payment due or payable to the contractor shall be withheld on account of such proceedings.

The Arbitrator shall be deemed to have entered on the reference on the date he issues notice to both the parties fixing the date of the first hearing.

The Arbitrator may from time to time, with the consent of the parties, enlarge the time for making and published the award.

The Arbitrator shall give a separate award in respect of each dispute or difference referred to him. The Arbitrator shall decide each dispute in accordance with the terms of the contract and give a reasoned award. The venue of arbitration shall be such place as may be fixed by the arbitrator in his sole discretion.

The fees, if any, of the arbitrator shall, if required to be paid before the award is made and published, be paid half and half by each of the parties. The cost of the reference and of the award including the Fees, if any of the Arbitrator who may direct to and by whom and in what manner such costs or any part thereof shall be paid and may fix or settle the amount of costs to be so paid.

The award of the Arbitrator shall be final and binding on both the parties.

Subject to aforesaid, the Provisions of the Arbitration Act, 1996 or any statutory modification or re-enactment thereof and the rules made there-under, and for the time being in force, shall apply to the arbitration proceeding under this clause.

I / We hereby declare that I/We have read and understood the above conditions for the guidance of Tenderers.

Seal :  
Place :

Signature of the Contractor  
Address :

#### 40. SPECIAL CONDITIONS OF CONTRACTS

- a. All materials, tools, plants and equipment to be used for construction, shall be brought and stored on BANK premises by the Contractor in a manner directed in specifications for construction materials at his own cost and risk including his own security arrangement without causing hindrance to occupants.
- b. All due precautions shall be taken by the Contractor to prevent damage including that of window panes, as a result of Contractor's action will have to be made good by the Contractor at his own expense.
- c. All debris resulting from breaking work shall be carefully lowered on specially constructed platforms preferably in specially provided chutes and suitable screens and hoppers shall be provided to ensure that as far as possible no debris flies or rebounds from the building and / or scaffolding. Under no circumstances shall debris be thrown down on the ground or footpath. The Contractor shall regularly remove all waste and

debris from the site. Dumping of debris temporarily on the premises shall be strictly in location allotted for the purpose and nowhere else. Every day after working hour's sweepers must clean the site.

- d. The Contractor will provide at his own expense necessary sheds, passages, special covering, platforms to be constructed in front of main entrance, BANK office, staff toilet, and also netting, kantans, etc. in area of common passage at the work site.
- e. Proper cordoning off shall be maintained at all times to ensure that no children or unauthorized persons enter the work area.
- f. The Contractor shall bear in mind that he have to carry out part of work inside the premises of the occupants and he will take extreme care not to damage inside Branch.
- g. The contractor shall provide at his own cost necessary sanitary and drinking water facilities for his workers more about in area of site only and they commit no nuisance.
- h. When a contractor is selected, if Architect/ Bank find any anomaly in rates of some specific items, the Contractor shall furnish explanation and rate analysis.
- i. Rates quoted by the Contractor shall include all terminal taxes, octopi duties, central or state excise duties, import duties, sales tax and any other taxes livable under the state or central government or public rules. No claim whatsoever shall be entertained in respect of escalation in prices of materials, labour etc. except change in taxes announced by Municipal or Government bodies subsequently. Rates quoted also include work Contract Tax. M.W. Tax, extra water charges, all liaison work with Municipal Authorities for Building Department, Water Department, Pest Control etc. including specific bills of water charges and sewage charges raised by MC towards the repair works under taken including all out of pocket expenses. The Contractor at his costs and expenses shall obtain all permission from MC, etc.
- j. The contract shall not be deemed to be duly completed until maintenance certificate have been issued by the Architect recording that the works have been completed and maintained to his satisfaction and will be issued after defect liability period is over and after ascertaining the views of the repair committee.
- k. The Contractor is responsible for the execution of all works, which is more particularly set out as per terms and conditions of the Agreement. The Contractor is well aware about the dangers and hazards for the completion of the said work. It is the Contractor who would be responsible in the event of breakage of glass of windows, etc. of the BANK and Contractor will take all precaution of BANK's property so as not to damage them.
- l. The Contractor shall, at his own expense supply all the stores and materials required for the contract. All the materials to be supplied by the Contractor shall be of the best of kinds, and only of ISI standard. The Contractor shall furnish necessary proof to the satisfaction of the Architect / Bank that the material complies with specifications as described in the Technical specifications. The Contractor shall, at his own expense and without delay, supply samples of materials proposed to be used in the execution of the work for the approval of the Architect / Bank, who may reject all materials not corresponding either in quality or in character with the approved samples. The Contractor is made aware that there will be no basic rate for all construction materials.
- m. The Contractor shall not enter on or take possession of the site unless permitted to do so by the Bank. The portion of the site to be occupied by the Contractor will be clearly defined and indicated by the Bank and the Contractor will on no account be allowed to extend his operation beyond these areas. Then on completion, completely clean the areas of works against his final completion of work done in that area.
- n. The Contractor shall suspend the execution of the work of any part/s thereof, wherever called upon in writing by the Bank / Architect to do so and shall not resume

work thereon until so directed in writing by the authority. The Contractor shall also suspend the execution of work or any part thereof under notice of court, Government or Municipal Corporation unless the Architect / Bank instructs otherwise in writing. The Contractor will be allowed an extension of time for completion equal to period of suspension and no claim otherwise will be considered for payment. Time may also be extended to allow for alterations of work or deviation from the contract if it is felt reasonable by Architect / Bank.

- o. If Bank has permitted the contractor to house his workers on site in specified areas, during progress of work he will erect temporary structures of the approved standards and scales for his workers and maintain at his own expenses. The Contractor should demolish / remove temporary structures before the main work comes to an end and clear the site. This facility is not incorporated in contract and will be exclusively at the discretion of the Bank and the Bank can stop this facility in the middle of work and Contractor cannot claim anything whatsoever for taking away this facility any time. If this facility is granted, he shall be responsible for giving all necessary notices of infection and contagious disease of his workers and instantly remove such cases from site. The Contractor shall obtain all necessary permission from municipality, government, etc. at his own costs.
- p. It is hereby clarified that within the guarantee period of the entire work the owner / Bank observes any hitches or lacunas or damage caused to the flat and / or common area and / or the BANK's property, the Architect / Contractor shall be communicated regarding the same. The Architect / Bank would visit the premises and give their comments in respect of the same. The rectification of the damaged area is the sole prerogative and responsibility of the Contractor who is to rectify the said damage at his costs, etc. within the decided time frame as mutually decided between the parties. In the event of failure of the Contractor to rectify such error the Bank / Owner shall have the full liberty to deduct the amount of loss at cost from the balance amount due and payable to the Contractor.
- q. The Contractor shall clean and level up the premises and open spaces in and around building to the satisfaction of the Bank at regular intervals and after completion of work. If he fails to their satisfaction, the same shall be carried out by the owner at Contractor's risk, cost and consequences and work will be treated as incomplete.
- r. It is hereby clarified that the Employees / Workers who would be assigned the work and who would be temporarily lodged in the premises of the owner shall have no access whatsoever in the building after the completion of the work for the particular days. The workers shall not enter the building for the purpose of taking water or for any other Private jobs that would be given by the flat owners during the subsistence of the work assigned.



Signed by the said  
In the presence of  
Witness Name: Address:

BANK

Signed by the said  
In the presence of  
Name:  
Address:

---

CONTRACTOR Witness

COVERING LETTER FOR TENDER

To,  
The Regional Manager  
Regional Office Mumbai:  
27/29, Ambalal Doshi Marg,  
Fort, Mumbai- 400 001  
Phone: 022-66113500  
E-mail: ro.mumbai@psb.bank.in

Dear Sir,

Sub. :-Furnishing work of New premises of Punjab & Sind bank, LARGE CORPORATE BRANCH, Maharashtra.

With reference to the tenders regarding the above work invited by you, we have to state as under. We declare that before quoting the rates, We have visited the site and our rates are as per present site condition, Further we herewith deposit EMD (Rs.1,10,000/- One lakh ten thousand only) as Earnest Money for due execution of the works at my / our tendered rates as per the Terms of Contract. In the event of this tender being accepted, I / We agree to enter into and execute the necessary contract documents as required by you.

UTR No :

Dated : Amount :

Account detail of tenderer for returning of EMD amount (for unsuccessful bidder):-

Account Name : Account No : IFS Code : Bank Name &Branch:

As required by you, I / We are returning herewith the documents (in single) duly signed by us at each page in token of our acceptance of the provisions in the documents.

We hereby after to execute and complete the whole of the works strictly in accordance with the said conditions of contract, special conditions of contracts, specifications and drawings at the rates set out against each of the items of work in the schedule of quantities. The total cost included in the above is Rs. (Rupees only)

We have carefully read and clearly understood the conditions of contracts, special conditions of contract, and specifications. We agree to complete the work at the rate \ rates quoted by me \ us in the schedule of quantities and within the specified time from the date of work order awarding the work to us.

We understand the work is to be completed within scheduled time period.

Our rates are firm and include and cover all cost, expenses, liabilities of very description and all risk of every kind to be taken in execution and handing over the work to the Bank. All Taxes applicable and prevailing from time to time on such item for which the same are leviable and the rates quoted by us are inclusive of the same.

Thanking you, Yours faithfully,

NAME  
ADDRESS  
TELE. NO  
FAX NO.  
MOBILE NO.

## DEED OF INDEMNITY

This Deed of Indemnity executed at Mumbai on the \_\_\_\_\_ day of \_\_\_\_\_ by \_\_\_\_\_ (hereinafter referred to as “the Obligor” which expression shall unless it be repugnant to the context, subject or meaning thereof, shall be deemed to mean and include successors and permitted assigns);

IN FAVOUR OF PUNJAB & SIND BANK, a body Corporate constituted under the Banking Companies (Acquisition and Transfer of Undertaking) Act of 1980 having its Head Office at 21, Rajendra Place, New Delhi - 110008 (hereinafter referred to as “Punjab & Sind Bank” which expression shall, unless it be repugnant to the subject or context or meaning thereof, be deemed to mean and include its successors and assigns)

WHEREAS Punjab & Sind Bank vide its Tender No [-----] dated [-----] (Tender) had invited Bids from the eligible Bidders for Civil & renovation work at of new premises of Punjab & Sind Bank, LARGE CORPORATE BRANCH.

WHEREAS

1) The Obligor has

- a) offered to Punjab & Sind Bank the service(s) as stated under Scope of Work of Tender;
- b) represented and warranted that it has all permissions, consents, approvals and license from all authorities, both regulatory / statutory and non-regulatory, for executing the services as stated in the Contract dated... /Tender;
- c) represented and warranted that the aforesaid services offered to Punjab & Sind Bank do not violate any provisions of the applicable laws, regulations or guidelines. In case there is any violation of any law, rules or regulation, which is capable of being remedied the same will be got remedied immediately during the implementation, maintenance and contract period to the satisfaction of Punjab & Sind Bank;
- d) represented and warranted that they are authorized and legally eligible and otherwise entitled and competent to enter into such Contract with Punjab & Sind Bank;

2) Punjab & Sind Bank, relying and based on the aforesaid representations and warranties of the Obligor, has agreed to avail the services from the Obligor on the terms and conditions contained in its Contract dated (the Contract) with the Obligor;

3) One of the conditions of the aforesaid Contract/Tender is that the Obligor is required to furnish an indemnity in favour of Punjab & Sind Bank indemnifying the latter against any loss, damages or claims arising out of any violations of the applicable laws, regulations, guidelines during the execution and rendering/delivery of service(s) to Punjab & Sind Bank and/or due to breach of terms and conditions of the Contract by the Obligor and/or on account of misconduct, omission or negligence or otherwise by the Obligor.

4) In pursuance thereof, the Obligor has agreed to furnish an indemnity in the form and manner and to the satisfaction of Punjab & Sind Bank as hereinafter appearing;

NOW THIS DEED WITNESSETH AS UNDER: -

The words and expressions not specifically defined shall have the same meanings as are respectively assigned to them in the Tender/the Contract

In consideration of Punjab & Sind Bank having agreed to award the Contract to the Obligor, the Obligor hereby unconditionally, absolutely and irrevocably agree and undertake that :-

- 1) the Obligor shall, at all times hereinafter, save and keep harmless and indemnified Punjab Sind Bank, including its respective directors, officers, employees, agents and representatives and keep them indemnified from and against any claim, costs, charges, damages, demand, losses, liabilities or expenses of any nature and kind whatsoever and by whomsoever made in respect of the Contract and any loss or damage caused from and against all suits and other actions that may be instituted taken or preferred against Punjab & Sind Bank by whomsoever and all losses, damages, costs, charges and expenses that Punjab & Sind Bank may incur by reason of any claim made by any claimant for any reason whatsoever or by anybody claiming under them or otherwise for any losses, damages or claims arising out of all kinds of accidents, destruction, deliberate or otherwise, direct or indirect, from those arising out of violation of applicable laws and also from the environmental damages, if any, which may occur or result from the terms of the Contract.
- 2) The Obligor further agrees and undertakes that the Obligor shall, ensure that all the permissions, authorizations, consents and licenses are obtained and renewed from the local and/or municipal and/or governmental authorities, as may be required under the applicable laws, rules, regulations, guidelines, orders framed or issued by any appropriate authorities.
- 3) If any additional approval, consent or permission is required by the Obligor to execute and perform the Contract during the currency of the Contract, it shall procure the same and/or comply with the conditions stipulated by the concerned authorities without any delay.
- 4) The obligations of the Obligor herein are irrevocable, absolute and unconditional, in each case irrespective of the value, genuineness, validity, regularity or enforceability of the aforesaid Contract or other agreement, or the insolvency, bankruptcy, reorganization, dissolution, liquidation or change in ownership of Punjab & Sind Bank or Obligor or any other circumstance whatsoever which might otherwise constitute a discharge or defence of an indemnifier.
- 5) The obligations of the Obligor under this deed shall not be affected by any act, omission, matter or thing which, would reduce, release or prejudice the Obligor from any of the indemnified obligations under this indemnity or prejudice or diminish the indemnified obligations in whole or in part, including in law, equity or contract (whether or not known to it or to Punjab & Sind Bank).
- 6) This indemnity shall survive the Contract.
- 7) Any notice, request or other communication to be given or made under this indemnity shall be in writing addressed to either party at the address stated in the Contract and/or as stated above
- 8) This indemnity and other non-contractual obligations arising out of this indemnity, shall be governed by, and construed in accordance with, the laws of India. The Obligor irrevocably and unconditionally agrees that any legal action, suit or proceedings arising out of or relating to this indemnity may be brought in the Courts/Tribunals at Mumbai. Final judgment against the Obligor in any such action, suit or proceeding shall be conclusive and may be end in any other jurisdiction, by suit on the judgment, a certified copy of which shall be conclusive evidence of the judgment, or in any other manner provided by law. By the execution of this indemnity, the Obligor irrevocably submits to the exclusive jurisdiction of such Court/Tribunal in any such action, suit or proceeding.
- 9) Punjab & Sind Bank may assign or transfer all or any part of its interest herein to any other person. Obligor shall not assign or transfer any of its rights or obligations under this indemnity- ty, except with the prior written consent of Punjab & Sind Bank.

IN WITNESS WHEREOF the Obligor has signed these presents on the day, month and year

first above written.

Signed, sealed and delivered by the said service provider,  
to

(Name of the Bank)

Form 7: Documents relating to Bid Security.

Note: To be submitted as part of Technical bid, along with supporting documents, if any. Submit as Form 7 as part of Technical bid, a Bid Securing Declaration In lieu of bid security in the following format. Bidders exempted from submission of bid security are also required to submit this.

Format 1.1: Bank Guarantee Format for Performance Security

To  
The Zonal Manager  
Punjab & Sind Bank  
Mumbai Zonal Office:  
27/29, Ambalal Doshi Marg,  
Fort, Mumbai- 400 001

Whereas..... (name and address of the contractor) (hereinafter called “the contractor”) has undertaken, in pursuance of contract no ..... date..... to supply ..... (description of goods and Works/ Services) (hereinafter called “the contract”). And Whereas you have stipulated it in the said contract that the contractor shall furnish you with a bank guarantee by a Commercial bank for the sum specified therein as security for compliance with its obligations as per the contract;

And Whereas we have agreed to give the contractor such a bank guarantee.

Now Therefore we hereby affirm that we are guarantors and responsible to you, on behalf of the contractor, up to a total of .....(amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the contractor to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the contractor before presenting us with demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed thereunder or of any of the contract documents which may be made between you and the contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition, or modification.

This guarantee shall be valid until the .....day of .....20.....

Our.....branch at.....\*(Name & Address of the .....\*(branch) is liable to pay the guaranteed amount depending on the filing of a claim and any part thereof under this Bank Guarantee only and only if you serve upon us at our .....\* branch a written claim or demand and received by us at our .....\* branch on or before Dtd..... otherwise, the bank shall be discharged of all liabilities under this guarantee after that.

(Signature of the authorized officer of the Bank)

.....  
.....

Name and designation of the officer

.....

Seal, name & address of the Bank and address of  
Branch

\*Preferably at the headquarters of the authority competent to sanction the expenditure for the procurement of goods or at the concerned district headquarters or the state headquarters.

UNDERTAKING FOR INTEGRITY PACT

To,  
The Regional Manager  
Punjab & Sind Bank  
Regional Office Mumbai .  
27/29, Ambalal Doshi Marg  
Fort, Mumbai-

Dear Sir,

INTEGRITY PACT

Subject: Submission of Tender for the work.....

I/We acknowledge that Punjab & Sind Bank is committed to follow the principle of transparency equity and competitiveness as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which I/We will stand disqualified from the tendering process. I/We acknowledge that THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE of this condition of the NIT.

I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by Punjab & Sind Bank. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 6 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, Punjab & Sind Bank shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid in accordance with terms and conditions of the tender/bid.

Yours faithfully

(Duly authorized signatory of the Bidder)

To be signed by the bidder and same signatory competent / authorized to sign the relevant contract on behalf of Punjab & Sind Bank.

\_\_\_\_\_

## PRE-CONTRACT INTEGRITY PACT

Between

Punjab & Sind Bank (PSB) hereinafter referred to as "The Principal",

And

hereinafter referred to as "The Bidder/ Contractor"

### Preamble

The Principal intends to award, under laid down organizational procedures, contract/ s for

The Principal values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness I transparency in its relations with its Bidder(s) and I or Contractor(s).

In order to achieve these goals, the Principal has appointed Sh. Rattan Kishore Bajaj as Independent External Monitors (IEMs) who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

### Section 1 - Commitments of the Principal

(1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles: -

- a. No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
- b. The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential I additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
- c. The Principal will exclude from the process all known prejudiced persons.

(2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions

### Section 2 - Commitments of the Bidder(s)/ Contractor(s)

(1) The Bidder(s)/ Contractor(s) commit themselves to take all measures necessary to prevent corruption. The Bidder(s)/ Contractor(s) commit themselves to observe the following principles during participation in the tender process and during the contract execution.

- a. The Bidder(s)/ Contractor(s) will not, directly or through any other person or firm, of- fer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he / she is not legally entitled to, in order to obtain in exchange any advantage of an kind whatsoever during the tender pro- cess or during the execution of the contract.
- b. The Bidder(s)/ Contractor(s) will not enter with other Bidders into any undisclosed

agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contract submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

- c. The Bidder(s)/ Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s)/ Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
  - d. The Bidder(s)/Contractors(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any, similarly the Bidder(s)/Contractors(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details as mentioned in the "Guidelines on Indian Agents of Foreign Suppliers" shall be disclosed by the Bidder(s)/Contractor(s). Further, as mentioned in the Guidelines all the payments made to the Indian agent/representative have to be in Indian Rupees only.
  - e. The Bidder(s)/ Contractor(s) will, when presenting their bid, disclose any and all payments made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
  - f. Bidder(s) /Contractor(s) who have signed the Integrity Pact shall not approach the Courts while representing the matter to IEMs and shall wait for their decision in the matter.
- (2) The Bidder(s)/ Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

### Section 3 - Disqualification from tender process and exclusion from future contracts

If the Bidder(s)/Contractor(s), before award or during execution has committed a transgression through a violation of Section 2, above or in any other form such as to put their reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or take action as per the procedure mentioned in the "Guidelines on Banning of business dealings"

### Section 4 - Compensation for Damages

- (1) If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/ Bid Security.
- (2) If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the Contract value or the amount equivalent to Performance Bank Guarantee.

### Section 5 - Previous transgression

- (1) The Bidder declares that no previous transgressions occurred in the last three years with any other Company in any country conforming to the anti-corruption approach or with any Public Sector Enterprise in India that could justify his exclusion from the tender process.
- (2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken as per the procedure mentioned in "Guidelines on Banning of business dealings".

### Section 6 - Equal treatment of all Bidders I Contractors I Subcontractors

- (1) In case of Sub-contracting, the Principal Contractor shall take the responsibility of the adoption of Integrity Pact by the Sub-contractor.

- (2) The Principal will enter into agreements with identical conditions as this one with all Bidders and Contractors.
- (3) The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7 - Criminal charges against violating Bidder(s) | Contractor(s) | Subcontractor(s)  
If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

#### Section 8 - Independent External Monitor

- (1) The Principal appoints competent and credible Independent External Monitor for this Pact after approval by Central Vigilance Commission. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
- (2) The Monitor is not subject to instructions by the representatives of the parties and performs his/her functions neutrally and independently. The Monitor would have access to all Contract documents, whenever required. It will be obligatory for him / her to treat the information and documents of the Bidders/Contractors as confidential. He/ she reports to the MD& CEO of Punjab & Sind Bank.
- (3) The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his/her request and demonstration of a valid interest, unrestricted and unconditional access to their project documentation. The same is applicable to Sub-contractors.
- (4) The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s)/ Sub-contractor(s) with confidentiality. The Monitor has also signed declarations on 'Non-Disclosure of Confidential Information' and of 'Absence of Conflict of Interest'. In case of any conflict of interest arising at a later date, the IEM shall inform MD & CEO of Punjab & Sind Bank and recuse himself / herself from that case.
- (5) The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
- (6) As soon as the Monitor notices, or believes to notice, a violation of this agreement, he/she will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- (7) The Monitor will submit a written report to the MD & CEO of Punjab & Sind Bank, within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.
- (8) If the Monitor has reported to the MD & CEO of Punjab & Sind Bank, a substantiated suspicion of an offence under relevant IPC/ PC Act, and the MD & CEO of Punjab & Sind Bank has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
- (9) The word 'Monitor' would include both singular and plural

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings. If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged / determined by MD & CEO of Punjab & Sind Bank.

Section 10 - Other provisions

- (1) This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. Mumbai.
- (2) Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
- (3) If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- (4) Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- (5) Issues like Warranty / Guarantee etc. shall be outside the purview of IEMs.
- (6) In the event of any contradiction between the Integrity Pact and its Annexure, the Clause in the Integrity Pact will prevail.

(For & On behalf of the Principal)  
Contractor)  
(Office Seal)

(For & On behalf of Bidder /  
(Office Seal) Place ----- Date

Witness 1: (Name & Address)

Witness 2: (Name & Address)

## ELECTRICAL WORK

### Power Panels:

The Power panels shall be fabricated from MS sheet steel 16 gauge and shall be of compartmental design. The main supporting framework shall be of angle iron or of heavier gauge sheet metal. The panel shall be self-supporting design, dust and vermin proof, dead front and fully inter locked with isolating switches. The panel-mounted switches shall have Interlock defeat for testing and inspection.

The panel shall be designed so as to facilitate inspection, cleaning and repairs. The clearance between phase to phase and phase to earth or metal parts shall be as per relevant IS standards. The metering instruments like volt meter, ammeter etc. shall be flush mounted and shall be of 1.0 class accuracy and of standard design size shall be 96 mm x 96. All indication lamps shall be of neon type.

The panel shall have separate cable ally and a bus bar chamber. The bus bars shall be rigid hard drawn tinned electrolytic copper & sleeved with heat shrinkable sleeves. The current density shall not exceed 1.25 amp per sq. mm. and the neutral bus shall be rated for capacity of phase bus unless otherwise stated in schedule of quantities/drawings. However, the minimum size of bars shall be 25mm x 3mm.

The panel shall be powder coated comprising of degreasing and de-scaling in sulphuric acid etc. with synthetic enamel paint for smooth finish. The color of paint shall be battle- ship Grey or as directed. The Panel shall be tested at site before commissioning. The Panel drawings shall be got first approved from Consultants before taking up for fabrication.

All wiring inside the panel shall be done with switch board copper conductors/cables solid copper links. The insulators for supporting the Bus-Bars shall be epoxy based cast resin. All hinged doors shall be earthed with flexible braided copper earth. An earth bus of copper shall be fixed along the length of the panel at the lower section. Adequate ventilation for the panel shall be provided. Logic diagram of operation of switches shall be painted on the panel. The name plates for each feeders shall be of engraved design and pasted to the respective switch gear. The letters shall not be less than 10mm size for individual feeders and not less than 18mm for the main feeders. All switchgear to be mounted in the panel shall be as per schedule of quantities.

### Switch Fuse Units :

Switch Fuse Units shall be of sheet metal or iron clad with HRC fuses as described in schedule of quantities. The unit shall be of robust construction of standard specified make. design to withstand adverse working conditions. It shall have quick break type mechanism with ON and OFF position indicators of the operating handle. The switch shall be interlocked so that the unit cannot be opened in ON condition. The interior shall be so arranged that clearance from live parts are adequate and shrouded. Manufacturer's instructions shall be followed for installation of switch fuse units. The switch shall be solidly earthed. The switch shall be mounted on walls on angle iron support grouted to wall. The supports shall be treated for rust treatment & painted with 2 coats of synthetic enamel paint. The height of the switch board shall be such that it is accessible for operation & maintenance.

### Cables :

Cables shall conform to IS 1554-1976. Cable shall be heavy duty, armored, PVC insulated & PVC sheathed 1.1 MV grade aluminum or copper. Cable shall be fixed with G.I. spacers & saddles at an interval of 45 cms and on every side of bends. The bending radii of cables shall be as per manufacturer's instructions and in no case it shall be less than 12 times the overall diameter of the cable. Cable shall be so installed that they are not subject to mechanical damage. If there is a bend in the cable enclosed in a conduit, care has to be taken to prevent undue compression of insulation. This applies also to the top of vertical runs of longer than 5 meters where there could be compression caused by the weight of unsupported vertical cables. Cables may rest without fixing

in horizontal runs or ducts or trunkings. The cables run in cable trays shall be permitted unless the cables exceed the standard drum length. Joints if so necessary shall be located in accessible position. Termination of the cables shall be done with heavy duty copper/Aluminum lugs and brass cable glands.

Cables laid underground shall be to a minimum depth of 750 mm. It shall be ensured that cables laid underground are free of water lines, sewage lines etc. The trenches shall be at least 30 cm wide & filled with 10 cms thick of layer of dry sand on which the cable shall be laid. Further, 10 cms thick sand layer shall be put on the cable over which a brick layer shall be kept. The trench shall than be back filled with soft earth, rammed and consolidated to original level. Cable route indicators shall be laid at intervals of 20 meters and at all change in directions. For cables laid on walls aluminum tags shall be fixed showing the size of the cable and the feeder number of the cable. These tags shall be at each end and at least one or two places at intermediate positions. The mode of measurement of the cables shall be as follows:

- i. For top entry of the cable, the measurement shall be taken up to the bottom of the switch-gear.
- ii. For bottom entry of the cable, the measurement shall be taken up to the top of that switch board. No wastage shall be allowed for measurements.

#### Distribution Boards :

1. These shall be of sheet metal and of standard design with copper bus bars. The board shall be fixed at accessible heights. The boards shall be solidly fixed to walls/partitions, concealed or open as directed. All connections inside the distribution board shall be neatly arranged and tied with PVC strings. The MCB's shall be of 9 KA for fault level. The distribution board shall be suitably earthed. Legend shall be written on D.B. & Circuits.
2. The Distribution Board circuitry shall be as per the schematic/given in Drawing.
3. The Sheet steel used for fabrication shall be of CRCA of 14/16 SWG. The Board shall be suitable for wall mounting. It shall be totally enclosed, Dust Proof & vermin proof. The fabrication shall be as per relevant is Specifications for degree of protection by enclosure for low voltage switch-gear IP 52. The Equipment such as MCB, ELCB, Insulators, Bus-Bars shall be as per relevant is specification with latest amendments.
4. The Sheet steel shall be smoothly finished, leveled and free from flaws. All doors, removable covers shall be Gasketed all-round the perimeter.
5. The Service Voltage is 440 volts & Busbar will be Electrolytic copper. The copper busbar shall be tinned throughout the length.
6. The door interlock shall be provided so that it shall not be possible to open the door with breaker in close position.
7. Enough space shall be provided for termination. The minimum two earth terminals shall be provided for each D.B. The Board shall be factory wired with proper ferruling.
8. Adequate shrouds shall be provided for avoiding accidental contact with Live Terminals, Bus bar etc.
9. The Conduit knockout shall be provided for Conduit Entry.
10. The guaranteed technical particulars shall be provided for the MCB & ELCB etc.
11. The engraved black anodised label shall be provided on all feeders.
12. All Steel works shall undergo a process of degreasing, pickling in acid bath, phosphating.
13. This shall be followed by two coats of primer and two coats of final finish paint, both applied with spray. The colour shall be light battleship gray.
14. The distribution board shall have hinged door.
15. The bus bar supports shall be non hygroscopic, anti tracking material.

#### Point Wiring

- (a) Metal Conduits:

1. All conduit pipes shall conform to IS 9537 PART-II 1981. Metal conduits shall be ERW black enameled 20mm/25mm as the case may be depending upon the number of wires permitted. The conduits shall be fixed to walls/ceiling with M.S. saddles and spacers at an interval of 1 meter and on either side of bends.
2. All conduit accessories shall be 15 gauge & bends shall be of inspection type. All bends, couplers, threaded portions etc. shall be painted with anti-corrosive paint. Bends in the pipes shall be done with bending hickies.
3. All pipes shall be cleaned for sharp burrs. Switch boxes shall be of G.I. 16 G/14G. The switch boxes shall be concealed as per site requirement & as per Architect's/Consultant's Instructions. Point shall be controlled with 5A switch or directly from DB as specified in schedule of quantities. Where plate type switches are not specified the switch-board shall have 3mm thick hylum sheet on which switches shall be mounted.
4. While laying the conduits in the slab before casting the slab, all drops shall be laid accurately to fall in position of the switchboard. Junction boxes shall be sand filled. All joints shall be airtight. Conduits shall be fastened to the re-enforcement properly so that the conduits do not get dislocated while casting the slab. All conduits shall have 18swg fish wire.
5. The conduit shall be of 16 gauge upto 32mm dia and 14 gauge above 32mm dia. reputed and approved make conforming is specification. Conduit shall be Heavy gauge rigid PVC with All accessories/fittings including ordinary & inspection tees; bushings, reducers, junction boxes, terminal boxes, saddles and steel supporting materials shall be of the same as of the conduit. The contractor shall have dies for threading of conduit.
6. The conduit shall run along walls, ceiling, and flooring in accordance with layout drawings. 7. The conduit shall be field bend as far as possible with reasonable long radius. The conduit bends shall be free from cracks, other damage to the pipe or its coating and shall not have pipe section unduly flatten.
8. The conduit joint shall provide the structural rigidity and low electrical resistance.
9. All open conduit ends shall have bushings and all threads shall be cleaned and well painted with coating or red lead & oil. All burrs shall be smoothed and cleaned.
10. The conduit shall be supported with saddles at regular interval of 1000mm. The saddles shall be fixed with Rawal plugs and M. S. screws of 3mmsize.
11. The No. of wires through a given diameter of conduit shall be as per is specification.
12. When two lengths of conduit are joined together through a coupling, running threads equal to the full length of the coupling shall be provided on any one length. Conduit length exceeding 8-meter length shall be provided with junction boxes.
13. Conduit & accessories shall be securely fixed before any operation like concrete pouring plastering etc. The conduit shall be fixed by clips which shall not cause deformation of conduits. The conduit fixing shall be at regular intervals not exceeding 1.5 meter. At the bends the fixing shall be secured by fixing clips at 150mm. All the supporting holes are to be drilled by electric drill machine.

(b) Pvc Conduits:

The PVC Conduits shall conform to latest IS standards and shall be of medium gauge. The conduits shall be joined with PVC adhesive at joints. The Conduits shall be fixed to walls/ceilings with GI, Spaces and Saddles at an interval of 60 cms & on either side of bends. The number of wires drawn in the conduits shall be as per table 1. The point wiring shall be controlled as in (a) above. The wiring shall be done with 2nos. of 1.5sq.mm (Phase & Neutral). & 2.5 sq. mm. (earth) PVC insulated, copper conductors, multi stranded and color coded with green as earth and black neutral. The circuit wiring shall be with 3 nos. of 2.5 sq. mm. PVC insulated, copper conductors, multi stranded from distribution board to switch board and the rate shall be included in the point wiring unless otherwise stated in schedule of quantities. All other details shall be as for metal conduits.

(c) Casing Capping/Trunk And Truckling:

PVC casing shall be fixed, wooden partitions by means of screws spaced not more than 60 cms apart. Holes for fixing the PVC capping shall be done by drilling machine only and these holes shall be plugged with PVC plugs or grips to which the screws shall be fastened. No less than 1 inch PVC casing shall be used. All bends, tees, joints etc. shall be done in workman like manner with standard accessories. The number of wires in PVC casing capping shall be limited to a fill factor of not more than 60%. The point shall be controlled by 5 amp switch. The switch boards shall either be flush mounted with partitions or surface mounted or concealed mounted as per site requirements and as directed. The wiring shall be carried out as described in (a) and (b) above.

This wiring shall not be done for concealed wiring & wiring over the false ceiling work.

#### Circuit Wiring

1. The Circuit wiring shall comprise of laying PVC conduit from lighting distribution board to the first switch board & pulling of wires within the conduits with 2.5 Sq.mm copper wire, PVC insulated, 100v grade wire.
2. The scope includes all materials & labour with Installation. It also includes making proper connection in the Distribution board & switchboard.
3. In case of group control directly from Distribution Board, the primary point shall be from D.B. to the first point and secondary point and from first point to the next point looped. The point shall terminate into the 3 plate-ceiling rose.

#### Switch Board

The lighting switch board boxes shall be MS/ zinc passivity with 16 gauge made suitably for controlling group of light/fixture or light control as indicated in the drawing. The switch board boxes shall be suitably in the office area as concealed type. All the switch boxes shall be provide with removable cover with proper provision of Plate/Piano type switches.

#### Wiring Methods

1. The wire pulling in conduits shall be in accordance with standard practices. All the wires in a particular section by conduit shall be bunched together and pulled at a time.
2. The wires used shall be colour coded with Red wires for R phase, Yellow wire for Y phase, Blue wire for B phase Black wire for neutral and Green wire for each continuity conductor.
3. All the wires shall be purchased directly form the manufacturers and approved by the consultant.
4. All the wire shall be insulated with adequate thickness of extruded PVC.
5. All wires shall be of 1100 v grade conforming to is 694 with latest amendment.
6. All the wire ends shall be ferruled with colour codes & numbers.
7. All the circuits shall be identified at both ends of the circuit.
8. A maximum of 3 lights to be switched on one switch of 5A.
9. The wiring shall be carried out with multi stranded PVC insulated copper wires of 1.5 sq. mm. 2Nos (Phase & Neutral) & 2.5 sq.mm. (Earth). In all cases the earth shall be of green color and neutral shall be black color. All wires used shall be of 660 V grade. The point wiring shall be inclusive of circuit wiring from Distribution Board to the switch-board unless otherwise stated in schedule of quantities. The circuit wiring shall be with 3nos. of 2.5sq.mm PVC insulated multi stranded copper conductors color coded as detailed above. The rate shall also be inclusive of any chasing as directed by the Architects/Consultant/Client's Engineer to conceal the drops and finishing the same.

#### 5a/15 Amps. Switch Socket Outlet Wiring:

1. The Point wiring for 15 A Switch socket outlet includes running of 3 x 4.0 sq.mm PVC

insulated stranded copper wire through conduit from the distribution panel board to the individual S/S/O

2. Two nos of 15 A S/S/O are to be looped in and controlled by MCB of 20 Amps in the distribution board at each floor. The circuit length shall not exceed a length of 70 meters.
3. All the wires for the S/S/O shall be pulled through separate conduit system (not to be mixed with light 5 Amps S/S/Oetc.)

#### 5 Amps Switch Socket Outlet

1. The point wiring for 5 Amps switch socket outlet includes running of 3 x 2.5 sq.mm copper conductor, PVC insulated, 1100v grade wires in PVC conduit from the light distribution board to the Individual socket.
2. A maximum of 6/8 Nos. socket are to be looped in & controlled by MCB in the lighting distribution board. The circuit length shall not exceed 75meters.

#### 15/5 A Switch Socket Outlet

1. It shall be of approved make conforming to latest is standards. The three-pin socket shall be provided with safety shutter to prevent accidental contact with live parts.
2. The box for socket outlet shall be suitable for concealed/surface mounting and should be supplied by the Manufacturer with the switch & socket unit.

#### 20 Amps Point Wiring

1. The 20 A SP MCB with Reyrolle socket is to be provided including running of 3 x 4.0 sq.mm PVC insulated stranded copper wire through PVC conduit from distribution board to the individual switch.
2. One switch is to be provided in one circuit and controlled by one MCB of 20 Amp in the distribution board at each floor.
3. All the wires for the switches shall be pulled through separate conduit system ( not to be mixed light, 5 A S/S/O etc.)

#### Telephone Points

1. Telephone Points shall include supply & installation of 25mm diameter PVC conduit & Accessories along with 2 pair/4 Core wire from Tag Block to Individual Point along with the Conduit. The Telephone wire shall be of oelton make or of approved sample.
2. The Conduit shall be laid concealed in slab/wall/beam column etc., from the Telephone Box to the Individual Telephone socket outlet Point as market in the Drawing.
3. In case of provision for further point for Telephone G.I. Pull wires shall be laid inside the entire length of conduit.
4. The Telephone Tag Block of M.S. shall also be provided by the Contractor including latest Type of Terminal strip cover extra as per MTNL approved list.

#### Earh Pits / Station

The earthing station shall be done as per IS 3043 (1981) and as per drawing no. E1. The earth pit shall be atleast 2.5mtrs

deep with GI plate electrode shall be hot dipped of 600mm x 600mm x 6mm thick. The size for copper electrode shall be 600 x 600 x 3mm thk. An alternate layer of salt and charcoal shall be filled up to 200 mm above the top of the electrode. The electrode shall be connected with 25mm x 6 mm thick GI Flat which shall be terminated with nuts and bolts into brick masonry chamber on top. The brick masonry chamber shall be of size 300mm x 300mm x 300mm deep which will carry the funneling arrangement for watering. A GI Flat of 25mm x 3 mm from brick masonry chamber to the switch gear inside the switch room shall be laid underground and / or fixed to walls and the rate for this shall be paid as a separate item.

### Installation Of Electric Fittings

All electrical fittings shall be fixed with down rods or on round blocks as stated in schedule of quantities. The down rods shall be 20 mm dia and 1.6 mm wall thickness of ERW black enameled MS. The down rods shall be fixed with ball and socket joints check nuts etc. Special fixtures like spot lights etc. shall be fixed to the false ceilings as per manufacturer's recommendations. The fittings shall be connected with 3 core 0.5 sq. mm. flexible copper cord / cable from ceiling rose and suitable earthed.

### Testing Of Electrical Insulation

The following tests shall be carried out after completion of the electrical insulation work. 1)

#### Insulation Resistance Test.

- 1) Polarity Test of Switches.
- 2) Earth Continuity Test.

1) Insulation Resistance Test : The insulation resistance shall be measured by applying between earth and whole system of conductors or any section thereof with all fuses in place and all switches closed (except in earthed concentric wiring) all lamps in position and both poles electrically connected together., or direct current pressure of not less than twice the working pressure, provided that It need not exceed 500 volts for medium voltage circuits, be applied. Where the supply is derived from 3 wire DC or Poly phase A.C. System, the neutral pole of which is connected to the earth either direct or through added resistance, the working pressure shall be deemed to be that which is maintained between the phase conductor and the neutral. The insulation resistance measured in mega ohms between all conductors connected to one pole of phase conductor of the supply and all the other conductor and switches in off position it's value shall be not less than as specified below:

The insulation resistance measured in mega ohms shall not be less than 50 mega ohms divided by the number of outlets or when PVC insulated cables are used for wiring , 12.5 mega ohms divided by the outlet subject to a minimum value of 1 mega ohm.

A preliminary and similar test may be made before lamp setc. Are installed and in this event the insulation resistance to earth shall not be less than 100 mega ohms divided by the number of outlets or when PVC insulated cables are used 25 mega ohms divided by the number of outlets subject to a minimum of 1 mega ohm.

2) Polarity Test of Switches: In a 2 wire system a test shall be made to verify that all switches in every circuit are fitted in the same conductor throughout and such conductors shall be labeled or marked for connection to the phase conductor or to the non-earthed conductor of supply.

In a 3 wire or 4 wire insulation a test shall be made to verify that every non linked single pole switch is fitted in a conductor which is labeled or marked to one of the phase conductor of supply.

3) Earth Continuity Test : The Earth Continuity Conductor including metal conduits and metallic envelopes of cables in all cases shall be tested for electric continuity and electrical resistance of the same along with the earthing lead but excluding any added resistance or earth leakage circuit breaker measured from connection with earth electrode to any point in the earth continuity conductor in the completed insulated shall not exceed 1ohm.

**LIST OF APPROVED BRANDS/MAKES OF EQUIPMENTS REQUIRED UNDER THIS TENDER.**

The following are the list of approved brands/makes of equipment's required under this tender. Please note that wherever there is a multiple choice of brands/makes approved, any one make as nominated by the Owners/Consultants will have to be supplied by the Contractor without any extra cost to the owners. No deviation in this will be accepted by the owners.

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<b>Sr. No.</b>	<b>Description</b>	<b>Approved Makes/Brands being offered by the Contractor</b>
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**Electric Work**

- 1) Indicating Lamps Holders with LED type lamps: ALTOS/MIMIC/ TECHNIK
- 2) Selector Switches for Ammeter/Voltmeter: SILZER/ KAYCEE
- 3) Load Managers, Digital type, Ammeters, Voltmeters, Frequency Meters: SCHNEIDER/ ENERCON
- 4) Digital Energy Meters: DIRIS/ENERCON/ SCHNEIDER
- 5) Micro Processor Relays: ABB/SEGC/ SCHNEIDER/ SIEMENS
- 6) Panel wires, Gray/Black, colour in 660/1100 Volts. grade (FR): RR KABEL/ FINOLEX/ CALIPLAST/ POLYCAB
- 7) Cable Glands, Siemens, Single Compression type: COMMET/ BRACO
- 8) Lugs, Crimping type, tinned copper heavy duty only: DOWELL'S/ BRACO
- 9) HRC Control fuses with Bakelite/type moulded fuse holders: GE/SIEMENS/ L&T
- 10) Push Button Stations type, in different colour codes: TECHNIK/ SIEMENS/ VAISHNAV
- 11) Terminal Blocks, Push On type: WAGO/ ELEMEX
- 12) MS fabricated Panels: MARINE ELECT/ VIDUIT CONTROL/ SAMCON INDUSTRIAL
- 13) Sandwich type Bus Duct and Rising Mains: SCHNEIDER/ ZUKANI/ SIEMENS
- 14) Starters/Contactor/ Timers: SCHNEIDER/ SIEMENS/ABB
- 15) Miniature Circuit Breaker of 10 KA Breaking Capacity and Boards: SCHNEIDER/ ABB/LEGRAND/ SIEMENS
- 16) CTs 1100 Volts grade Cast Resin Only: AUTOMATIC ELECTRIC/ KAPPA/RECO
- 17) Automatic Power Factor Relay With 3 Phase CT Sensing: BELUCK/ SCHNEIDER/ TRINITY
- 18) Load Manger with RS 485 Port & Software: SCHNEIDER/TRINITY ENERCON
- 19) All Light Fittings: PHILIPS/OSRAM/HAVELLS
- 20) GI Conduits: VIMCO/BEC
- 21) GI Conduit Accessories: VIMCO/P&I
- 22) FR Wires in 660/1100 Volts grade for point wiring: RR KABLE/ CALIPLAST/ FINOLEX/ POLYCAB
- 23) Single Pole Switches and Sockets 6/16 Amps. Modular Type: HAGER/ LEGRAND/ SCHNEIDER
- 24) Ceiling Fan: CROMPTON/ USHA/ORIENT
- 25) Exhaust Fan: CROMPTON/GEC
- 26) Steel Breaded FR Cables: KABLE TECH /HELU/ LAPP KABLE
- 27) Fixtures suitable for LED: PHILIPS/OSRAM/HAVELLS
- 28) Lamps/Tubes: PHILIPS/OSRAM/HAVELLS
- 29) Outdoor Lighting: PHILIPS/OSRAM/HAVELLS
- 30) Halogen Light Fixtures: PHILIPS/OSRAM/HAVELLS
- 31) Telephone Sockets RJ 45: LEGRAND/ HAGER/SCHNEIDER
- 32) Data Cables Cat-6A: SCHENIDER/ LEGRAND/BELDAN
- 33) Computer Data Sockets, Jack Panel/Patch Panel: SCHENIDER/ LEGRAND/BELDAN

- 34) Cables (Telephones): BELDAN/LEGRAND/ SCHENIDER
- 35) Electronic Ballast for Light Fittings as per Technical Specifications: PHILIPS/OSRAM/HAVELLS
- 36) Telephone Tag Block: KRONE
- 37) Hand/Face Drier: SKON/AUTOMATS ASHRA MARKTING
- 38) Inter Lock Switch Sockets: CAME/C&S ELECTRIC
- 39) Fire Alarm Panels UL System: TEIS VELOX/ MORLEY/EDWARDS
- 40) Multi Critia Detectors: SAME AS SR NO 44
- 41) Control Modules Monitor Module: SAME AS SR NO 44
- 42) Hooter & Flashing Be cone: SAME AS SR NO 44 TECHNICA/AHUJA
- 43) CRCA Sheets for Panels/Bus Duct/Rising Mains: INDAL/TATA / RAYMOND
- 44) MS Welding Rods: ADVANI OERLICON
- 45) All type of Fasteners: ILTI/FISHER
- 46) Paints & Primers: ASIAN/DUCO
- 47) Industrial Plug & Socket Interlock Type: LEGRAND/GEWISS/ MULLER/MERIN GERIN
- 48) Mild Steel: TATA/JINDAL
- 49) Ni-Cd Battery: SUNTECH/HBLKNIFE
- 50) Wood Screws: NITTLE FOLD/HILTI/ FISCHER
- 51) GI Bolted Cable Trays /Wire Mesh Tray /Perforated Trays: PROFAB/ METALAM & SADHANA
- 52) 19 U Wall Mounted Rack: APW/RITIAL/APC
- 53) Rigid PVC Pipes 2.0 mm Wall Thickness And Accessories: PERCISION/ CIRCLE-ARK
- 54) Fire Alarm Cable: CALIPLAST/ KEBLETECH BELDAN
- 55) Any other Item: SAMPLE FOR APPROVAL OF THE CONSULTANTS

#### **Furniture Work**

- 01 PLYWOOD (BWR-303 / BWP-710, MR GRADE): Monark /Samrat / Greenlam / Century
- 01A. FLEXI PLY (BWR-303): Monark /Samrat / Greenlam / Century
02. LAMINATES (1.5mm/1.00mm thk): Aica Sunmica/Royal Touche/Merino/Heritage
03. PARTICLE BOARD (Exterior Grade / Interior Grade): Nationalply/Greenlam/Century or equivalent
04. VENEER: Green/Duro/Century/Timex or equivalent
05. WOOD (Well-Seasoned): C.P.T.W. / Malayasian /African
06. SCREWS, NAILS & OTHER ACCESSORIES : GWK/Nettle Fold or Equivalent.
07. BRASS HINGES (Heavy Duty): Magnum / Vijayan /Earl – Bihari.
08. DRAWER SLIDING FITTINGS (TELESCOPIC): Earl-Bihari, EBCO, Godrej, Haffele, Enox, Kich.
09. HARD WARE: Godrej/haffle/Hettich/Ebco/Enox or equivalent
10. DRAWER SHUTTER / LOCK: Godrej/haffle/Hettich/Ebco or equivalent
11. BALL CATCH: Magnetic (M.2.) / Brass
12. DOOR LOCK / HANDLES: 4-C Acme, Golden., Godrej, Ultra, Neki / Kich.
13. DOOR CLOSUER: Dorma/Euro/Ozone/Enox/Ebco/Haffele Or equivalent
14. FLOOR SPRING: Dorma/Euro/Ozone/Enox/Ebco/Haffele Or equivalent
15. ADHESIVE: Fevicol/Araldite/Makbond or Equivalent
16. STAINLESS STEEL: Salem / Japan 16 gauge thick.
17. GLASS TINTED / MIRROR: Modi Guard/ Saint Gobian / Asahi India
18. GLASS TINTED: Modi Guard / Saint Gobian / Asahi India
19. MELAMINE ACRYLIC POLISH: Asian / British Paint / Fevelite.
20. ALUMINUM GRILL: Alumgrill

21. P.V.C. Flooring : Hanwha / Armstrong / L.G.
- 21a. WOODEN LAMINATE FLOORING: Pergo/Armstrong/Euro/Square feet or equivalent
- 21b. FALSE FLOORING: D.G. / NEP Floor or equivalent
22. PAINTS
- 22a. Plastic Emulsion: Asian/Nerolac/Dulex/Berger or equivalent
- 22b. Synthetic Enamel Paint: Asian / GoodlassNerolac / British Paint.
- 22c. Texture Paint: Birla / Nitco / Spectrum/Berger or equivalent
23. CEMENT PAINT: Snowcem, Nitcocem, Birla, ICI, Asian, Nerolac,
24. ALUMINUM METAL FALSE CEILING: Armstrong/Unimech/AMF
25. FIBRE MINERAL FALSE CEILING: Santgobaingyproc/ Hunter Douglas or equivalent
26. ALUMINUM DOOR & WINDOW SECTION : Jindal / Indal /
27. UPHOLSTERY: Golden / Ddecor/ Orkay / Raymond /
28. WOOD PRESERVATION: Asian Paints / British Paint / Pest Control of India
29. VERTICAL BLINDS: Vista, Mac, Luxaflux, Aerolux.
30. VENETIAN BLINDS: Vista, Mac, Luxaflux, Aerolux.
31. CEMENT: Ultratech/ACC/JK Cement/Ambuja
32. SUN CONTROL FILM: Garware / Birla 3M
33. STAINLESS STEEL SINK : Nirali / Diamond.
34. PLANTS (Artificial): As Approved
35. PICTURES: Selection from Sadguru & Paint Rhythm.
36. AIR CURTAIN: Air Pack / Crompton / Russel.
37. CARPET: Unitex/Armstrong or equivalent
38. CASTORS: Relaxo / Paramount.
39. CERAMIC TILES/ (Flooring): HR Johnson/Kajaria/Nitco/ASL or equivalent
40. CERAMIC TILES (Dado): HRJohnson/Kajaria/Nitco/ASL or equivalent
41. VITRIFIED FLOORING: HR Johnson/Kajaria/Nitco/ASL or equivalent
41. GRANITE TILES: South Quarrys (Bangalore / Mangalore)
42. "U" FOAM: Prince / Supreme / Swastik.
43. POLYURETHANE FOAM: Sleepwel
45. SOFT BOARD: Jolly Board
46. GLASS WOOL: Fibre Glass / Pilkington.
47. ALUMINUM COMPOSITEPANEL: Al-Strong/Alucobond/ Flexi bond/Altobond
48. TOUGHENED GLASS: Saint-Gobain/Indo Asahi/Modi or equivalent
49. ACRYLIC SOLID SURFACE (CORIAN):Dupoint/Merino/Hi-Mac or equivalent

### **APPROVED MAKES FOR AIRCONDITIONING SYSTEM**

The Contractor shall have to obtain Consultant's approval of all makes of equipment and technical selection prior to ordering and installation. List of makes agreed during Tender negotiations supersedes all mentioned makes provided they meet specifications and are approved by Consultants. The contractor has to submit at least two makes for Consultants' approval prior to placing order.

Sr.No.	Equipment / Materials	Recommended Manufacturers
<b>1</b>	<b>High wall Split &amp; Cassette Units(4 star &amp; Above rated with copper condenser)</b>	Bluestar/Daikin/Hitachi/Mistubishi / Carrier / O-General
<b>2</b>	<b>Pre-Filters &amp; Filters (non-flammable)</b>	Airtech / Thermo dyne / Uccomech
<b>3</b>	<b>Piping</b>	
a)	Cu piping - Soft (20G)	Kobe (Japan) / Mandev Tubes / Met tubes (Malaysia) / Nissan / Rajco

b)	Cu piping - Hard (18G)	Kobe (Japan) / Mandev Tubes / Maxflow / Nissan / Rajco / Simitomo (Japan)
<b>4</b>	<b>Insulation</b>	
a)	Closed cell nitrile elastomeric Class 'O'	Armaflex /Aeroflex / Eurobetex / K – Flex
b)	Adhesives (when dry non-flammable)	Armaflex 520 / Pidilite SR 998 / Foster IIDL
<b>5</b>	<b>Electricals – (IS)</b>	
a)	Starters	L&T / Merlin Gerlin / Siemens
b)	Contactors	ABB / L&T / Merlin Gerlin / Siemens
c)	Switchgear	Havells / L&T / Merlin Gerlin
d)	Ammeter	Auto-Electric / Rishab
e)	Voltmeter	Auto-Electric / Rishab
f)	All panel accessories	Technics
g)	Capacitors	Asian / Datar / L & T / Siemens
h)	ELCB's	Datar / L & T /MDS / Prok
i)	MCCBs, MCB's	ABB / L&T / Merlin Gerlin / MDS
j)	SFU's	ABB / L&T / Merlin Gerlin / Siemens
k)	Electric Meters	Alacrity / Enercon / Secure
l)	Cables	
	Power	Finolex / Gloster / Geoflex / Polycab
	Control	Finolex / Geoflex / Polycab / Universal

Note: Other material as per BIS/ISI standard

Consultants reserve the right to add or delete name of any manufacture as and when required.

Consultants reserve rights to select any of the specified brands mentioned above Seal&

I/We hereby declare that I/We have read and understood the above instructions which have been issued as conditions of the contract.

In case any of the makes for any of the materials is missed out in the above list, then the contractor shall inform the Consultants about the same and obtain the approval. Thereafter, he can proceed with the supply of the equipment.

**(Signature of the Tenderer)**



Request for Proposal For

**E- TENDER FOR FURNISHING, AIR CONDITIONING, ELECTRICAL WORK & DATA CABLING OF PUNJAB & SIND BANK, LARGE CORPORATE BRANCH**

E-Tender Reference	PSB/ZOMUM/GA/E-tender/00/2026-27
Bid Submission Start Date	30.04.2026
Bid Submission End Date	13.05.2026 by 3:00 pm
Technical bid opening date	13.05.2026 by 4:00 pm
Financial Bid Opening date	Will be informed subsequently to technically qualified bidders.

(PRICE BID)

(VOLUME-II)

TENDER DOCUMENTS

**Regional Office Mumbai:**

**27/29, Ambalal Doshi Marg, Fort, Mumbai- 400 001**

Architect:

**SANKALPA ASSOCIATES**

1001, Eleven Heights, Sant Gora Kumbhar Marg, Kumbharwada, Dharavi, Mumbai 400017

Mobile: 9869031498/ 8454867686

E-Mail: sankalpadadar@yahoo.co.in

## INTERIOR WORK OF LARGE CORPORATE BRANCH OF PUNJAB &amp; SIND BANK

No.	Description	Quantity		Rate	Amount
<b>A</b>	<b>FURNITURE WORK</b>				
	<b>SOLID FULL HEIGHT PARTITION</b>				
1	Providing and erecting in position solid partitions (including door) to be made out of 50 mm X 38 mm X 1.2mm thick Aluminium Tubular section frame work 600mm c/c both ways (Vertical & Horizontal) fixed with 50mm X 38mm X 2.0 mm thick Aluminium Angle Cleats covered with 6 mm thick BWR Ply from both the side. Item to include 2" X 2" 16-Gauge Aluminium Framing member for door frame & for skirting. The Aluminium members of partition shall rigidly fixed to the existing Ceiling / Floors / Beams & Side Walls as directed. Having flush door 35mm thk. with glass as per design. The rate should be inclusive of all hard wares like 3 Nos of brass hinges, 1'-0" Ht. H or U-shaped S.S. matt steel handles, deadlocks, heavy duty, door closers/ floor spring of app. company etc. complete as per the designs. All exposed surfaces of the partition shall have 1.0mm thick laminate of approved make/colour with the provision of grooves if required as per design etc. complete. The necessary openings in the partitions shall be provided for Electrical Conduits, Electrical Switches, A.C. Opening, Fire Detectors, Electric Fixtures, etc. complete as per site requirements/ instructions of the Architect / Engineer. Note: - Height of the partitions upto soffit of false ceiling shall be considered for payment. Rate of Unfinished partition above false ceiling shall not be paid separately should be inclusive in the tender rate.	1100.00	Sq.ft.		
	<b>PARTLY GLAZED LOW HEIGHT PARTITION.</b>				
2	Providing and erecting in position partly glazed low height partitions (including door) to be made out of 50 mm X 38 mm X 1.2mm thick Aluminium Tubular section frame work 600mm c/c bothways (Vertical & Horizontal) fixed with 50mm X 38mm X 2.0 mm thick Aluminium Angle Cleats covered with 6 mm thick BWR Ply from both the side. Item to include 12 mm thick glass with etching and frosting as per design above 3'0" to be fixed with beading. Item to include 2" X 2", 16-Gauge Aluminium Framing member for Skirting. The Aluminium members of partition shall rigidly fixed to the Floors, Side Walls, partitions etc. as directed. All exposed surfaces of the partition shall have 1.0mm thick laminate of approved make/colour with the provision of grooves if required as per design etc. complete. The necessary openings in the partitions shall be provided for Electrical Conduits, Electrical Switches, A.C. Opening, Fire Detectors, Electric Fixtures, etc. complete as per site requirements/ instructions of the Architect / Engineer.	150.00	Sq.ft.		
	<b>FULL HEIGHT 12 MM THK TOUGHNED GLASS PARTITION</b>				
3	Providing and erecting in position 12 mm thk. toughened glass partition (excluding door) with necessary profiles as per design upto 7'0" height and solid partitions above 7'0" height to be made out of 50 mm X 38 mm X 1.2mm thick Aluminium Tubular section frame work 600mm c/c bothways (Vertical & Horizontal) fixed with 50mm X 38mm X 2.0 mm thick Aluminium Angle Cleats covered with 6 mm thick BWR Ply from both the side. The Aluminium members of partition shall rigidly fixed to the existing Ceiling /Beams & Side Walls as directed. The Profile Manufacturer to supply all the necessary clips, seals and fixing accessories for the system. All exposed surfaces of the partition shall have 1.0mm thick laminate of approved make/colour with the provision of grooves if required as per design etc. complete. The necessary openings in the partitions shall be provided for all services etc. complete as per site requirements. Note: - Height of the partitions upto soffit of false ceiling shall be considered for payment. Rate of Unfinished	225.00	Sq.ft.		

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	partition above false ceiling shall not be paid separately should be inclusive in the tender rate.				
<b>MANAGER'S TABLE WITH SIDE TABLE</b>					
4	Providing and fixing in position Circular Manager's Table of size 7'-0" X 3'-0" as per drawing including side storage (Credenza) by using 25mm thick BWR plywood for top and 18mm thick BWR plywood for top and 18mm thick plywood for all other horizontal and vertical members. Telescopic CPU Stand / readymade keyboard tray shall be provided of approved model and make. Footrest made with T.W. member of size 4" X 1 1/2" finished with Laminate & all exposed plywood of table shall be finished with 1.0mm thick laminate of approved make and shades as shown in the drawing and all other sides shall be finished with 0.8 mm thk Laminate.	1.00	Nos.		
	Drawer units as per drawing shall be provided with multipurpose Godrej locks in each drawer. Facia of drawer unit shall be finished with 1.0mm thick laminate of approved make and shade and all other sides shall be finished with 0.8 mm thk Laminate. The drawers will be provided with handles (Stainless steel finish) and channels as per approval of the Project Consultant / Bank.				
	The side Storage (Credenza) shall be provided with handles (Stainless Steel finish) and channels as per approval of the Project consultant / Bank. All exposed plywood surfaces to be finished with 1.0mm thick laminate of approved make and shade of approved make and shade, and all exposed edges of table top and BWR ply verticals to have 1" and 1/4" T.W. lipping. All exposed T.W. sections to be Laminated and internal surfaces to have 0.8 mm thk Laminate as directed. Item to include plywood boxing, all necessary hardware and fittings in Stainless Steel finish, lipping to all edges etc. complete in all respects.				
<b>CM TABLE WITH SIDE TABLE</b>					
5	Providing and fixing in position Circular Officer Table of size 5'-0" X 2'-6" as per drawing including side storage (Credenza) by using 25mm thick plywood for top and 18mm thick BWR plywood for top and 18mm thick plywood for all other horizontal and vertical members. Telescopic CPU Stand / readymade keyboard tray shall be provided of approved model and make. Footrest made with T.W. member of size 4" X 1 1/2" finished with French polish & all exposed plywood of table shall be finished with 1.0mm thick laminate of approved make and shades as shown in the drawing and all other sides shall be finished with 0.8 mm thk Laminate.	2.00	Nos.		
	Drawer units as per drawing shall be provided with multipurpose Godrej locks in each drawer. Facia of drawer unit shall be finished with 1.0mm thick laminate of approved make and shade and all other sides shall be finished with 0.8 mm thk Laminate. The drawers will be provided with handles (Stainless steel finish) and channels as per approval of the Project Consultant / Bank.				
	The side Storage (Credenza) shall be provided with handles (Stainless Steel finish) and channels as per approval of the Project consultant / Bank. All exposed plywood surfaces to be finished with 1.0mm thick laminate of approved make and shade of approved make and shade, and all exposed edges of table top and ply verticals to have 1" and 1/4" T.W. lipping. All exposed T.W. sections to be Laminated and internal surfaces to have 0.8 mm thk Laminate as directed. Item to include plywood boxing, all necessary hardware and fittings in Stainless Steel finish, lipping to all edges etc. complete in all respects.				
<b>OFFICER TABLE WITH SIDE TABLE</b>					
6	Providing and fixing in position Circular Officer Table of size 4'-6" X 2'-3" as per drawing including side storage (Credenza) by using 25mm thick plywood for top and 18mm thick BWR plywood for top and 18mm thick	13.00	Nos.		

	plywood for all other horizontal and vertical members. Telescopic CPU Stand / ready made keyboard tray shall be provided of approved model and make. Footrest made with T.W. member of size 4" X 1 ½" finished with French polish & all exposed plywood of table shall be finished with 1.0mm thick laminate of approved make and shades as shown in the drawing and all other sides shall be finished with 0.8 mm thk Laminate.				
	Drawer units as per drawing shall be provided with multipurpose Godrej locks in each drawer. Facia of drawer unit shall be finished with 1.0mm thick laminate of approved make and shade and all other sides shall be finished with 0.8 mm thk Laminate. The drawers will be provided with handles (Stainless steel finish) and channels as per approval of the Project Consultant / Bank.				
	The side Storage (Credenza) shall be provided with handles (Stainless Steel finish) and channels as per approval of the Project consultant / Bank. All exposed plywood surfaces to be finished with 1.0mm thick laminate of approved make and shade of approved make and shade, and all exposed edges of table top and ply verticals to have 1" and ¼" T.W. lipping. All exposed T.W. sections to be Laminated and internal surfaces to have 0.8 mm thk Laminate as directed. Item to include plywood boxing, all necessary hardware and fittings in Stainless Steel finish, lipping to all edges etc. complete in all respects.				
	<b>FULL HEIGHT STORAGE</b>				
7	Providing and fixing in position full height storage of different size and 450mm deep made out of 19mm thick BWR ply frame work for sides, bottom, shelves, top, shutters, verticals & border for shutters fixed vertically, horizontally as shown in drg; 6mm thick BWR ply for backside of storage along with teak wood edge beading. The bottom of the storages shall be at 75mm from FFL. The shutters shall be fixed with S type L hinges of approved make so as to get an equal 8 mm groove between all the shutters at the opening and hinged end of every shutter as per the detailed drawing. All exposed surfaces shall have approved make/colour 1.00 mm thick laminate including edges, grooves and 0.8mm thick white colour laminate to all internal surfaces along with necessary hardware i.e. Stainless Steel Hinges with Stainless Steel Bearing Stainless, Steel Brush Finished Handles, 150mm Stainless Steel Tower bolts at top and Bottom Magnetic Ball Catches, stainless steel pin for adjustable shelves, locks of approved make, The shutter shall be fixed with SS chain from inside so as to open the shutter less than 90 degree and to avoid the breaking of Solid Core Laminate at the hinged end etc. complete in all respects as directed by the Architect /Bank.	50.00	Sq.ft.		
	<b>LOW HEIGHT STORAGE</b>				
8	Providing and fixing in position low height storage of different size and 450mm deep made out of 19mm thick BWR ply frame work for sides, bottom, shelves, top, shutters, verticals & border for shutters fixed vertically, horizontally as shown in drg; 6mm thick BWR ply for backside of storage along with teak wood edge beading. The bottom of the storages shall be at 75mm from FFL. The shutters shall be fixed with S type L hinges of approved make so as to get an equal 8 mm groove between all the shutters at the opening and hinged end of every shutter as per the detailed drawing. All exposed surfaces shall have approved make/colour 1.00 mm thick laminate including edges, grooves and 0.8mm thick white colour laminate to all internal surfaces along with necessary hardware i.e. Stainless Steel Hinges with Stainless Steel Bearing Stainless, Steel Brush Finished Handles, 150mm Stainless Steel Tower bolts at top and Bottom Magnetic Ball Catches, stainless steel pin for adjustable shelves, locks of approved make, The shutter shall be fixed with SS chain from inside so as to open the shutter less than 90 degree	100.00	Sq.ft.		

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	and to avoid the breaking of Solid Core Laminate at the hinged end etc. complete in all respects as directed by the Architect /Bank.				
	<b>SOFT BOARD</b>				
9	Providing and fixing 1/2" thick soft board to be fixed on 6mm thick BWR ply & to be covered with woollen felt of approved colour including side lipping patti etc. complete.	60.00	Sq.ft.		
	<b>PANELING TO COLUMNS &amp; WALLS</b>				
10	Providing and Fixing laminate finish panelling for walls, columns etc. made out of 50mm X 25mm X1.2 mm thick Aluminium Tubular frame work at every 1'-6" c/c (Vertical /Horizontal) both ways, covered with 9 mm thk. BWR ply. upto ceiling height as per site requirement. All the exposed surfaces of the panelling shall be finish with approved make/colour 1.00mm thk. solid core laminate upto ceiling height along with groove at junction of laminate etc. complete as per site requirements, detail drawing and the instructions of the Architect/ Engineer.	1250.00	Sq.ft.		
	<b>8 mm thk. Calcium Silicate Panelling</b>				
11	Do as above item, but Panelling shall have 8 mm thk. Calcium Silicate board finish with plastic emulsion paint etc. complete as per site requirement and instruction of Architect / Engineer.	100.00	Sq.ft.		
	<b>LAMINATE FIXING</b>				
12	Providing and fixing 4mm THK BWR plywood on partition including doors, storage including shutters & sides finished with 1mm thick laminates of approved shade and colour. All exposed T.W. surfaces to be finished in polish of matching laminate colour as directed including all necessary Stainless Steel finish fittings / hardware, handles, locks and wood preservative paint etc. as per list of approved material and as approved by the Project consultant / bank complete in all respects.	275.00	Sq.ft.		
	<b>Glass on table top</b>				
13	Providing and placing 12mm thk glass on Manager Table including hole for wire manager, machine cut edge polish etc. complete.	170.00	Sq.ft.		
	<b>MIRROR</b>				
14	Supply & installation of 6mm thk. Clear glass Mirror of approved make on toilet wall including 12mm thk. BWR Plywood backing with necessary framework and moulding. The exposed framework to be polished etc. complete	20.00	Sq.ft.		
	<b>CONFERENCE TABLE</b>				
15	Providing conference Table 4'0" wide with 3/4" thick BWR ply finished with 1mm thick laminates of approved make and shade as per design with POP UP box.	8.00	R.ft.		
	<b>PLANTER BOX</b>				
16	Providing and supplying planter box to be made out of 19 mm thk. BWR ply to be finished from out side with 1mm thk. Approved laminate and inside with paint as per the direction etc. complete.	10.00	Nos.		
	<b>ARTIFICIAL PLANT</b>				
17	Providing and supplying artificial plants approved by Architect, with moss and necessary stand for holding the plants as per the approved sample including brass vas. (The basic rate of Rs. 1500/-)	10.00	Nos.		
	<b>SIDE TABLE</b>				
	Providing and making Side Table in Entrance Lobby in 3/4" thick ply finished with 1 mm thk. sued finish laminate of approved shade as per design including 12 mm thk. Glass top. All internal surfaces to have French polish as per Architect's instructions. Size: 2'0"X2'0"X1'6"	2.00	Nos.		
	<b>CENTRE TABLE</b>				
	Providing and making Centre Table in Entrance Lobby with 12mm tinted glass for the top having high mirror polished edge & 25mm wide bevelling shall be fitted on to the designer wooden pedestal of size 11/2"	2.00	Nos.		

	x 11/2" as per Architect's instructions. Size of the table considered - 3'0"x2'0"				
	<b>3 SEATER SOFA</b>				
18	Providing, fabricating & supply of following with upholstered designer 3 seater arm rest sofa with wooden frame work, no sag springs for seats, sofa made to size, shape & design with 4" thk high density rubber foam for seat & 3" thk for back & arm rest covered with 12mm thk polyfoam & covered with white Markin cloth. Entire sofa to be covered with approved leatherite / fabric all over or at the front with exposed TW/SB band finished with melamine. ( Basic cost of the leather / fabric 450 per mtr )	2.00	Nos.		
	<b>2 SEATER SOFA</b>				
18	Providing, fabricating & supply of following with upholstered designer 2 seater arm rest sofa with wooden frame work, no sag springs for seats, sofa made to size, shape & design with 4" thk high density rubber foam for seat & 3" thk for back & arm rest covered with 12mm thk polyfoam & covered with white Markin cloth. Entire sofa to be covered with approved leatherite / fabric all over or at the front with exposed TW/SB band finished with melamine. ( Basic cost of the leather / fabric 450 per mtr )	1.00	Nos.		
	<b>ALUMINIUM OPENABLE WINDOW</b>				
19	<b>Providing and Fixing Aluminium work</b> for window/ventilators with appropriate Z Sections and wherever there is a opening and it should mended with the existing section/ profile of approved make conforming to IS : 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/ neoprene felt etc. Aluminium sections shall be smooth rust free, straight, snap beading for glazing/panelling, C.P. brass/Stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and panelling cost included).	275.00	Sq.ft.		
	<b>FRP Doors for toilets</b>				
20	Providing & fixing 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with waterproof, resistant to mild acid/ chemical & fire-retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames with 3 nos. 100 mm long aluminium hinges and all fittings and fixtures complete as per drawings and directions. Size: 2'0" X 6'6"	7.00	Nos.		
	<b>ENTRANCE DOOR</b>				
21	Providing and Fixing Glass doors with 12mm thk. toughened glass in single piece with computerised diamond cut and diamond edge polish including making required cutouts, holes for locks, handles, pivot, patch fittings, corner fittings, hinges etc. The rate is inclusive of supply and fixing of Dorma or equivalent make floor spring, Pivot (Top & Bottom) patch fitting with cover plate, handles, Locks, Signages with necessary hardware etc. complete as per site requirement and instructions of the Architect/ Engineer.	75.00	Sq.ft.		
	<b>ROLLER BLINDS</b>				
22	Providing and fixing Roller blinds as per the approved design and shade including standard fitting as per the manufacturer's specifications.	300.00	Sq.ft.		
	<b>FAÇADE OF ENTRANCE DOOR</b>				
23	Providing and fixing in position Nanomite Aluminium composite panel boxing with PVDF coating and LDPE core laminated Euroband / Altobond	75.00	Sq.ft.		

	/ Alukbond Exterior Grade 4 mm thick with composite of (0.5mm – 3mm – 0.5mm) including fabrication for the same with aluminium sections, required hardware, silicon sealant (Dow Corning 789) masking tape, necessary scaffolding etc. as detailed in drawing no. (11) complete in all respects.				
	<b>Total of Furniture Work</b>				
<b>B</b>	<b>FALSE CEILING WORK</b>				
	<b>FALSE CEILING (GYPSUM BOARDS)</b>				
1	P/Fixing Gypsum Board false ceiling of Gypsum India or equivalent make. METALLIC GRID (conforming to IS:2095:1982): - The metallic grid shall consists of GI Perimeter channels of size 27mm X 0.5mm thick having one flange of 20mm & another flange of 30mm, GI Intermediate channel of size 45mm X 0.9mm thick with two flange of 15mm each at 1200mm centre to centre, GI hanger of size 25mm X 10mm X 0.5mm thick at 1200mm centre to centre distance along with GI Cleat & Steel Expansion Fasteners. The Ceiling section of 0.5mm thickness having curled wedge of 51.5mm and two flanges of 26mm each with lips of 10.5mm at 450mm c/c. along with connecting clips of 12.5mm drive fixed with sheet metal screws at 230mm c/c. METAL GRID INSTALLATION: - Perimeter channel fixed to all side of walls, partitions, beams, columns, whichever applicable fixed with sheet metal screws with rawalplugs at 225mm centre to centre & intermediate channels at 1200mm centre to centre including GI steel hangers fixed to the slab, beams soffit, whichever with GI cleats & steel expansion fasteners. The ceiling section placed in a direction perpendicular to the intermediate channel at 450mm c/c. fixed to the intermediate channel with the help of connecting clips & 12.5mm dry wall Sheet Metal Screws at 230mm c/c. distance. COVERING: - Fixed 12.5mm thick gypsum board to the metal frames in required shape in taper / square edges of the gypsum board shall be finish with filling the joints with fibre tape finish the surfaces in one level & line finish with three coats of approved make / shade Plastic Emulsion paint including making grooves, cutouts for Light Fittings, AC Grills, AC Diffusers, Smoke Detectors, Sprinklers System, Security System etc. as per the other vendors requirements along with additional frame for Light Fittings & AC Grills, scaffolding etc. complete as per instructions of Architect. OR do as per Manufacturer's Specification. Cutouts will not be deducted while measuring the ceiling area.	1700.00	Sq.ft.		
	<b>FALSE CEILING (GYPSUM BOARDS) 6" high Patta</b>				
2	Providing and fixing in position 6" patta for false ceiling in Gypboard 12mm thick for horizontals and verticals fixed over G.I. framework as specified by India Gypsm Co. Ltd. including finishing with White Plastic Emulsion Paint etc. complete in all respects.	275.00	R.ft.		
	<b>FALSE CEILING (ARMSTRONG)</b>				
3	Providing and fixing in position false ceiling in Armstrong 600 X 600 mm X 15/16 mm Dune Supreme RH 99 Prima tile with Tegular Edge framework as specified by Armstrong Co. with suspenders wherever required. Making necessary framework for A.C. ducting, if any, and necessary cutouts for diffusers and light fittings, taping and finishing to proper line and level, including making grooves and trap doors for A.C. unit in 18mm thick M.R. Grade Plywood with Stainless Steel hinges and locks with moulding 1" X 1" for edges including finishing with White Plastic Emulsion Paint etc. complete in all respect. (Note :- Only the plan area will be measured for payment. No extra payment will be made for cutouts, grooves, mouldings etc.)	704.00	Sq.ft.		
	<b>TOTAL OF FALSE CEILING WORK</b>				
<b>C</b>	<b>CIVIL WORK</b>				
	<b>BRICKWORK 150 MM THK.</b>				

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1	Providing and laying Brick work of thickness 115mm with cement mortar 1:4 (1cement: 4 sand) (excluding circular/curved brick masonry) including the cost of materials, labour, scaffolding /staging, sampling and testing, soaking of bricks, cutting and laying the bricks, providing recesses, making opening of any shape and size, finishing the joints above ground level, sealing the gap between masonry and soffit of beam /slab, embedding the fittings and fixtures, curing etc., all complete as per specifications	115.00	Sq.ft		
<b>INTERNAL PLASTER</b>					
2	Providing Cement plaster 15 mm thick (1 of cement and 3 of fine sand) in 2 coats to concrete or brick surface including breaking the existing internal plaster at hollow /cracked locations or as directed by Engineer at all heights on beams, columns, pardies, RC walls, brick walls, ceiling etc. cleaning all the surface of spoils, raking brick joints. Disposal of debris out of site. A groove to be cut at beam & wall, column & wall junction before applying first coat, Groove coated with polyalk WP for bonding and waterproof purpose or providing and fixing chicken-mesh with admixture conplast 421 IC or equivalent without neeru finish in all positions including scaffolding and curing complete.	250.00	Sq.ft		
<b>VITRIFIED TILE FLOORING</b>					
3	Providing and laying Premium Quality Vitrified floor tiles of size 800mm x 800 mm x 10 mm or more of make KAJARIA/ NITCO Double/ RAK charge as per design & pattern colour, first quality approved make with bed of 25mm average thick cement mortar 1:3 (1 cement : 3 sand) in line and level including pop covering with the tiles cleaning the finished surfaces, flush pointing of joints of tiles with as per company grout matching the shade of tiles etc. at all and as per specifications, standards and instructions. colour and shade as per choice of Architect. Rate and work inclusive of skirting 4" High. The rate also to include the removing of existing ceramic tile/ mosaic/ cement flooring/ skirting etc. with bed mortar to expose the R.C.C.slab (approx. 3" depth), chipping the R.C.C. surface, curing, mending good the damages, removal of debris from the premises, cleaning the site and carting away from site and depositing to dump yard , including providing any short fall materials -ALL complete as per drawing / direction of Bank's Engineer, including curing . Basic rate Rs 100/ - per sft, including landing.	2260.00	Sq.ft.		
<b>WATERPROOFING OF TOILET</b>					
4	Removing the existing ceramic floor tile including sanitary ware, water lines, tap etc and water proofing layer in toilet area up to existing slab level including carting away of debris, surface preparation for water proofing including Polymer Non Shrinkable Ground Compound and approved polymer modified acrylic cementitious water proofing compound with cement (1:1) 2 coat to be applied horizontal & vertical at the junction adjoining to wall up to 1 feet, with care that all crevices, cracks and unevenness is properly treated and laying of 1 layer of fibreglass mesh, over 1 coat of modified water proofing and including layer 20 mm thick rendering mixed with 2 to 3% Integral Water Compound (I and, curing for 48 hours and water testing should be carried out. Prior to laying of cement sand mortar, cement slurry shall be applied at top surface. Brickbats shall be laid in cement mortar (1:4) in all positions with an average thickness of 100 to 200mm is to be provided. Brickbats should immediately be hand set in to fresh mortar, leaving a gap of half to one inch between each piece, taking care to provide the necessary slope. This brickbat layer should be cured for at 4 days. The joints in between the brickbats shall be first filled with cement slurry and immediately covered with a layer of cement mortar (1:3) so as to fill up gaps between the brickbats and also from a 25 mm thick layer over the brickbat surface with I.P.S Rough Finished including 'P' trap/'S' trap etc.	180.00	Sq.ft.		

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	complete to the entire satisfaction. Plan area of toilets will measured for payment.				
	<b>CERAMIC TILE FLOORING</b>				
5	Providing & laying antiskid type ceramic tiles of approved make and shade for flooring of Toilet in proper line, level and slope, of approx. size 400mmx400mm / 300 mm x 300 mm (minimum) to suit to site condition or as approved with (1 : 3) cement sand mortar mixed with water proofing compound of approved make as per manufacturer's specifications of minimum 20 mm thickness and above to bring up to existing level of the floor. Filling the joints with white cement slurry mixed with pigment to match with the shade of tiles and finally washing and clean water to bring the desired finish/ cleaning/ chipping the existing floor properly where the tiles fixed with adhesive towards proper gripping the tiles. The rate also to include the cost of curing, mending good the damages, removing carefully existing flooring, removal of debris from the premises, cleaning the site, including providing any short fall materials -ALL complete as per direction of Bank's Engineer.	180.00	Sq.ft.		
	<b>CERAMIC TILE DADO</b>				
6	Providing and fixing coloured glazed tile of make KAJARIA/ JOHNSON/ ASIAN as per design & pattern in dadoing in size of tile 600 x 300 mm or more first quality approved make including single coat of plaster with 15mm mortar 1:3 (1 cement : 3 sand) in line and level, cleaning the finished surface including raking out the joints, flush pointing of joints of grout all complete at all heights as per specifications, and instructions colour and shade matching to the floor tiles as per choice of Architect. the rate also to include the removing of existing ceramic tile/ mosaic/ skirting etc. including existing plaster to expose the brick wall (approx. 3" depth), chipping the R.C.C. surface, curing, mending good the damages, removal of debris from the premises, cleaning the site and carting away from site and depositing to dump yard, including providing any short fall materials -ALL complete as per drawing / direction of Bank's Engineer, including curing . including landing. Basic rate taken as Rs.80/sft, including landing.	930.00	Sq.ft.		
	<b>MARBLE PATTI</b>				
7	Providing and fixing Green Marble cill to door/window with cement mortar including cement float, cement pointing in mortar 1:3 including curing filling the joints with Polymer Putty and cleaning etc. complete. (Basic Rate Rs. 80/- per Sq.ft.)				
	a. 3" wide	125.00	R.ft.		
	b. 6" wide	125.00	R.ft.		
	c. 12" wide	260.00	R.ft.		
	<b>Granite Platform for Pantry &amp; Wash Basin</b>				
8	Providing and fixing 18mm thick Granite (Black Galaxy Granite) counter 2'0" wide gang saw cut mirror polished premoulded and prepolished, machine cut for Wash Basin, pantry counters, vanity counters and similar locations of required size of approved shade, colour and texture with kaddappah vertical, base & shelves, laid over 20mm thick base cement mortar 1:4 (1 cement :4 course sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc complete at all levels, Granite of any colour and shade. Slab to be fixed with 2" either side bearing on the wall with necessary chipping and packing.	11.00	R.ft.		
	<b>Kitchen Sink</b>				
9	Supplying, Installing, testing and commissioning of kitchen sink (Nirali - Omni or Equivalent) with single bowl made of Stainless steel with CP		Nos.		

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	Brass Sink Cock of Parry ware Make (Trio - Catalogue ref. No. G1903A1) 40mmdia drain pipe, CPwallflange, CPwaste coupling, 1No. 15mm dia C.P sink cock unit wall mounted type with 2 nos swinging spout, C.I. brackets etc. complete.				
	<b>EUROPEAN TYPE W. C.</b>				
10	Providing and fixing vitreous European type - Wall Mounted water closet (Parry ware: Cascade NXT or Equivalent) (off-white colour) with seat cover, flushing cistern of approved make including providing and connecting 110mm PVC pipes (6kg/sqcm) of approved make ISI mark to external plumbing with necessary fitting such as bends, tees, etc., CP Angular Stop cock with metallic Hose - Parry ware make (Cat. ref. No. G1907A1) and all other required accessories, including jointing with cement mortar 1:1, making holes in wall, filling the same from both sides, testing and removing existing pipes of any material and any diameters, taking out the existing fittings from floor, dismantling joints, stacking & sorting the pipes, scaffoldings etc. complete as directed by Bank's Engineer. Parryware EWC Cardiff C022J (520 x 360 x 375mm) Flush Tank Hexa E8319	5.00	Nos.		
	<b>WASH BASIN</b>				
11	Providing and fixing semi-pedestal type wash basin (Parry ware: Cascade NXT or Equivalent) (off-white colour) with C.I. brackets painted white, 15 mm C.P. brass pillar taps - Parry ware Make (Trio - Catalogue ref. No. G1903A1), 32 mm C.P. brass waste coupling of standard pattern - Parry ware Make (Catalogue ref. No. T9910A1/ T9911A1), C.P.Brass Angle Valve with Metallic Hose - Parry ware Make ( Catalogue ref. No. G1907A1) including connecting C.I. pipes of required diameter & approved make with ISI mark to external plumbing with necessary fitting such as nahani trap, bends, tees, etc. including jointing with cement mortar 1:1, making holes in wall, filling the same from both sides, testing and removing existing pipes of any material and any diameters, taking out the existing fittings from walls, dismantling joints, stacking & sorting the pipes, scaffoldings etc. complete as directed by Banks Engineer. Parryware Indus Wall Hung Basin C0471/C0472 (500 x 400 x 210mm) SWAN NECK TAP WITH LEFT HAND OPERATING FOR WASH BASIN: CON-CHR-123BKN, COP-CHR-021PM	1.00	Nos.		
	<b>Above counter wash basin</b>				
12	Providing and fixing of above counter wash basin (Parryware: Cascade NXT or Equivalent) with C.I. brackets painted white, 15 mm C.P. brass pillar taps - Parryware Make (Trio - Catalogue ref. No. G1903A1), 32 mm C.P. brass waste coupling of standard pattern - Parryware Make (Catalogue ref. No. T9910A1/ T9911A1), C.P.Brass Angle Valve with Metallic Hose - Parryware Make ( Catalogue ref. No. G1907A1) including connecting C.I. pipes of required diameter & approved make with ISI mark to external plumbing with necessary fitting such as nahani trap, bends, tees, etc. including jointing with cement mortar 1:1, making holes in Granite, filling the same from both sides, testing and removing existing pipes of any material and any diameters, taking out the existing fittings from walls, dismantling joints, stacking & sorting the pipes, scaffoldings etc. complete as directed by Banks Engineer.	2.00	Nos.		
	<b>URINALS</b>				
13	Providing and fixing white vitreous china urinals with push valve of standard make including connecting C.I. pipes of required diameter & approved make with ISI mark to external plumbing with necessary fitting such as nhani trap, bends, tees, etc. including jointing with cement mortar 1:1, making holes in wall, filling the same from both sides, testing and removing existing pipes of any material and any diameters, taking out the existing fittings from walls & floor, dismantling joints, stacking & sorting the pipes, scaffoldings etc. complete. Parryware New Magnum	2.00	Nos.		

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	C0583*(Combo Set) (380 x 405 x 590mm) Flush Valve: Jaquar: PRS-CHR-077				
	<b>Bib Cock</b>				
14	Providing and fixing CP Brass Two-way Bib Cock for EWC - Parryware make (catalogue ref. No. G1934A1), fixed to Faucet with hose & hook - Parryware make (catalogue ref. No. T9941A1) with CP wall flange and necessary hardware like brass screws, washers, joints sealed with silicon sealant etc. all complete as directed by Banks Engineer.	5.00	Nos.		
	<b>G. I. WATERSUPPLY LINE</b>				
15	Providing and laying in position water-supply line arrangement as per drawing with 15 mm dia C class Galvanized Iron pipes of necessary diameter, of approved make, of ISI mark for ladies & gents toilet, Kitchen, Pantry, water purifier, water cooler & loft tank with C.P. brass bib cock, C. P. Two way Bib Cock, Jet Spray, C.P. stop cock, brass full way valve, non return valve, screw socket, joints and necessary galvanized iron fittings such as sockets, back nuts, elbows, bends, tees, reducers, enlargers, plugs etc. including rapping with gunning cloth with bitumen or in PVC pipes etc. and applying two coats of oil paint / black japan, pressure testing, necessary excavation and back filling in trenches or including necessary zari, drilling holes in wall / slabs etc. and remaking good the demolished position to restore the same in original condition neatly including necessary scaffolding and removing existing pipes and conveying and stacking the same on site or as directed. TWO WAY BIB COCK: Jaquar: CON-CHR-041KN, Jet Spray: ALD-CHR-573, Sink Cock: CON-CHR-347KNM	200.00	R.ft.		
	<b>PLUMBING WORK</b>				
16	Providing and making plumbing arrangement as per drawing with C.I. pipes, necessary traps of required diameter & approved make with ISI mark for ladies toilet, (wash basins & W.C.) gents toilet, (urinals, wash basin, W.C.) with necessary fitting such as bends, tees, single junction, double slotted vent offsets, etc. including clamping, jointing with cement mortar 1:1, making holes in wall, making connection to individual toilets and filling the same from both sides, patchwork plastering, testing and removing existing pipes of any material and any diameters, removing clamps and taking out the existing fittings from walls, dismantling joints, stacking & sorting the pipes, scaffoldings etc. complete.	4.00	Nos.		
	<b>M.S. GRILLS</b>				
17	Providing, fabricating and fixing M.S. Grills of required pattern with M.S. flats, square or round bars with round headed bolts and nuts or by screws including painting of approved shade, to all steel members including fixing etc. complete. (Weight of grill 15 kg per sqm.)	50.00	Sq.ft.		
	<b>REMOVING BRICKWORK</b>				
18	Dismantling of existing brick/block wall (115 mm thick) in cement mortar carefully without any disturbance to existing work by suitable mechanical means. The rate inclusive of removal of debris and discard to the approved dump yard	160.00	Sq.ft.		
	<b>ANTE-TERMITE TREATMENT</b>				
19	Providing anti-termite treatment to the sides of flooring of the existing building as per I.S.6313 (Part-III) by punching holes 6mm dia. drilled at a distance of 30cm. centre to centre and injecting one percent of chlorodane emulsion concentrate at the rate of 50ml per hole and sealing by filling putty etc. complete covering 2 years guarantee on bond paper.	100.00	Nos.		
	Providing general pest control services to the building to control the nuisance of cockroaches, lizards, pin bores and other insects etc. with 4 operations in a year and monthly check up.	5000.00	Sq.ft.		
	<b>PLASIC PAINT</b>				

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20	Providing and applying Plastic paint of Asian Paints / ICI Dulux/Berger in minimum 2 coats including scrapping, opening of existing cracks, filling up of "V" cracks with epoxy expandable putty to required depth, making good weak plastered / unplastered surfaces with cement plaster wherever required. Item to include Plaster of Paris, primer, palti and making good existing surface to receive new paint including cleaning on completion of painting work etc. complete in all respects.	5000.00	Sq.ft.		
<b>SYNTHETIC ENAMEL PAINT</b>					
21	Providing & supplying all materials and application of one coat of primer paint two coats synthetic enamel paint of approved colour and manufacture including preparation of surface, scaffolding etc., complete including all materials as per specifications and directions of Architects.	1000.00	Sq.ft.		
<b>TOTAL OF CIVIL WORK</b>					
<b>CHAIRS-BRANCH &amp; VERTICALS</b>					
1	Providing and supplying chairs of approved design and make:				
1.1	Revolving High Back with synchronic tilt mechanism, glass filled nylon pedestal base, adjustable arm movement and mesh fabric	1.00	Nos		
1.2	Revolving Mid Back Chair with synchronic tilt mechanism, glass filled nylon pedestal base, adjustable arm movement and mesh fabric (Staff Chair)	14.00	Nos		
1.3	Non-revolving and non-tilting Visitor Chair with armrest in mesh fabric (Visitor Chair)	19.00	Nos		
<b>CHAIRS-CONFERENCE ROOM</b>					
2	Providing and supplying chairs of approved design and make:				
2.1	Revolving High Back with synchronic tilt mechanism, glass filled nylon pedestal base, adjustable arm movement and mesh fabric	1.00	Nos		
2.2	Revolving Mid Back Chair with synchronic tilt mechanism, glass filled nylon pedestal base, adjustable arm movement and mesh fabric	9.00	Nos		
<b>D</b>	<b>ELECTRIC WORK</b>				
<b>I</b>	<b>MAIN LT PANEL /DBs</b>				
1	Supply and installation of main LT panel, wall mounted front operated totally enclosed vermin proof, indoor non-drawout-cubicle type power panel fabricated out of 2mm thk CRCA sheet having gasketed hinged cover on each cubicle fully powder coated after 7 Tank treatment, incorporating horizontal and vertical sleeved copper busbars, complete with all internal wiring, danger board, 2 earthing legs, cable chamber etc as required, housing below mentioned switch gears / meter ( GA drawing of the panel got to be approved by Bank / Architect)				
a	1No.,100A,FP, Changeover Switch + 1 no. , 100A,TP, MCCB with ELR(0-3A) and CBCT as Incomer				
b	2 nos. 40A TPN & 4 nos. 40 A DP, MCB, 2 Nos 63 A TPN MCCB outgoing				
c	1 no., 0-125A, Ammeter with CT and selector switch				
d	1no., 0-500V, Voltmeter with selector switch and fuse				
e	1Set, TPN, Copper busbars of size 20mm x 5mm thk PVC insulated suitable for 125 Amp load				
f	1 Set, RYB, indicating lamps with resistors and fuses				
	Full Set as above	1.00	SET		
3	Supply and installation of 4 way, TP&N 'MCB type Distribution Board(double door) flush mounted on wall, sheet metal fabricated, powder coated, having dust-proof and vermin 'proof, gasketed and hinged door with all internals such as DIN rails, neutral-link, interconnected wiring, complete with earthing legs, housing following switch gears (Double door HORIZONTAL DB) - <b>lighting db</b>				
a	1 no., 40A, TPN, ELCB (100mA) incomer				
b	12 nos, 16A, SP, MCB outgoing				
	Full Set as above	1.00	SET		

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4	Supply and installation of 4 way, TP&N 'MCB type Distribution Board (double door) flush mounted on wall, sheet metal fabricated, powder coated, having dust-proof and vermin 'proof, gasketed and hinged door with all internals such as DIN rails, neutral-link, interconnected wiring, complete with earthing legs, housing following switch gears ( Double door VERTICAL DB) - <b>power db</b>				
a	1 no., 63A, TPN, MCCB incomer				
b	12 nos, 25A, SP, MCB outgoing				
	Full Set as above	1.00	SET		
5	S & I of SPN, DB for distribution of input power to UPSs as per SLD having below mentioned switchgears (Earth bar inside these DB should be insulated from the body) (UPS-INPUT & ATM Room- HORIZONTAL DB)				
a	1 no,40A, DP, Isolator incomer				
b	3 Nos. 40A, DP, MCB, outgoing				
	Full Set as above	2.00	SET		
6	S & I of SPN, DB for distribution to all computer power points on workstations, having below mentioned switchgears (Earth bar inside these DB should be insulated from the body) (UPS-OUTPUT-DB)				
a	1 no, 63 A, SPN, MCB, incomer				
b	6nos, 16A, SP, MCB, outgoing				
	Full Set as above	2.00	SET		
7	<b>A.C. point wiring:</b> Supply, installation, testing & commissioning of A.C. point wiring from MCB DB to A.C. point with <b>2 nos. 4 sq.mm. PVC insulated copper earth FRLS copper wire and 1 no. 2.5sq.mm. PVC insulated FRLS wire</b> (with proper R,Y,B colour code ) pulled through heavy gauge PVC conduits laid concealed over false ceiling or in wall chases including circuit wires. Rate shall include Supply & installation of <b>1 No of 25A industrial socket and plug top &amp; controlling MCB</b> and all related accessories. (Rate to include supply & installation of PVC conduits of required size generally as per the drawing. (For split Acs & cassette AC indoor)	1.00	Nos.		
8	S & I of SPN D/D consumer Unit with 8 ways with suitable DP incomer and SP out going MCB's for Signage.	1.00	Nos.		
9	15 AMP Three Pin Top	1.00	Nos.		
10	63 amp 4 POL MCB + MS BOX for UPS	4.00	Nos.		
11	63 amp 4 POL MCB + MS BOX for outdoor unit	4.00	Nos.		
	<b>Sub Total</b>				
<b>II CABELS / MAINS</b>					
1	S & I of 1100V grade armoured cable having sector / circular shaped aluminium / copper conductor PVC insulated cores, laid up, PVC tape wrapped inner sheathed, GI strip / wire armoured and overall extruded PVC sheathed conforming to IS: 1554, laid on wall or ceiling using GI clamps and spacers as per route shown at site and further as directed by Bank / Architect in the following sizes including S & I of end termination of above mentioned cables including compressed type brass glands, crimping type coper lugs, insulation tape etc. as 'required complete with earthing of glands in following sizes.				
a	4C x 16 Sq.mm Copper	10.00	Mtr.		
b	4C x 6 Sq.mm Copper	60.00	Mtr.		
c	3C x 4.0 Sq.mm Copper	60.00	Mtr.		
d	2Cx 10Sq.mm Copper	10.00	Mtr.		
	<b>Sub Total</b>				
<b>III WIRING</b>					
1	Supply & Installation of concealed point wiring using 600V grade 2.5 sqmm copper conductor PVC insulated wires (with proper R,Y,B colour code ) pulled through heavy gauge PVC conduits laid concealed over false ceiling or in wall chases including circuit wires from the relevant DB				

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	and also including 1.5 Sq.mm Green Colour Copper earth wire and provision of grid plate type ( ROMA) switches and sockets as approved by Bank / Architect. Each circuit feeding not more than 8 points / 800 W as per the following configuration.				
a	Primary light points including the cost of 5A switch	72.00	Pts.		
b	Secondary light points looped from the above point	25.00	Pts.		
c	5A plug point as primary point	10.00	Pts.		
d	Secondary 5A Plug point on switch board	6.00	Pts.		
e	15A Plug Point directly taken from DB	5.00	Pts.		
f	Exhaust fan point consisting of 5A socket near fan and switch on light switch board	6.00	Pts.		
g	Wiring for Signages with 2R x 2.5 Sq.mm and 1R x 1.5 Sq.mm, PVC insulated copper conductor flexible cable to be connected to the SPN D/D consumer unit installed near rolling shutter outside the Branch	1.00	SET		
h	S & I of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3C X 2.5 Sq.mm Cu. PVC sheathed white colour flexible cable <b>pulled through above False ceiling and cutting the walls as raceways are not provided</b> and taken upto table top using PVC rigid or flexible conduits run within wooden or metal partitions. Each point consisting of 3 Nos of 2 / 3 Pin sockets and 1 No 15A switch, wired together forming one point. Switches and sockets to be (ROMA). Earth wire to be of Green colour only. ( Only 2 tables served by one circuit from UPS DB) <b>Cost is inclusive of necessary cutting the walls and including PVC Pipe required for taking the wires.</b>	20.00	Pts.		
i	S & I of points similar to above but to be used as raw power point on the tables consisting of one 5/15A socket with switch of other colour and flexible cable of black colour & circuit taken from Lighting DB ( 4 tables served by one circuit from LDB/PDB) <b>Taken Above False ceiling and through walls as raceways are not provided. Cost is inclusive of necessary cutting the walls and including PVC Pipe required for taking the wires.</b>	18.00	Pts.		
<b>Sub Total</b>					
<b>IV</b>	<b>FLOOR -RACEWAYS:</b>				
1	S & I of floor - raceways consisting of 2 Nos of 3" x 1.5"x 3mm thick rectangular aluminium anodized box sections including chasing and refilling as per the route shown in the drawing and as approved by consultant at site including clamping at every open pipe ends by suitable plastic end covers against entry of dust or anyother foreign material.	60.00	Mtr.		
2	S & I of galvanised floor junction boxes with SS brushed finish 14 SWG ( 2mm Thick) cover properly fixed with screws, for above mentioned raceways , of size 300mm x 300mm x 2.5 mm depth, fabricated out of 2.5 mm thick G.I. sheet with proper cutouts on the sides for pipe entry & screwed top cover with rubber gasket and suitable knockouts for flexible conduit outlets as per the drawing enclosed.	10.00	Nos.		
<b>Sub Total</b>					
<b>V</b>	<b>FITTINGS &amp; FIXTURES</b>				
1	S & I of lighting fixtures as per the details given below including necessary hardware such as clamps,nuts, bolts, nails, screws and suspension chains as required for fixing the fixtures in position as directed by architect / Consultant.				
a	40/36-watt LED light fitting	42.00	Nos.		
b	4'0" long LED fitting	5.00	Nos.		
c	16/15-watt LED light fitting	37.00	Nos.		
f	LED picture light fitting	6.00	Nos.		
g	250mm dia wall mounted exhaust fan of decorative plastic body and blade with louvers on the outside (Newtek/Cromton/Approved Equivalent)	6.00	Nos.		

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h	LED Rope light with driver	10.00	R.m.		
i	Supply, Installation, Testing & Commissioning of 48" ceiling type fans 230V Single phase, electronic fan regulator, S type hook, with all accessories. The rate shall include connection with 3 core 1.5 sq.mm. flexible copper cable from point to the ceiling fan.	1.00	Nos.		
j	Supply, Installation, Testing & Commissioning of wall mounted metal fan with all accessories. The rate shall include connection with 3 core 1.5 sq.mm. flexible copper cable from point to the fan.	1.00	Nos.		
<b>Sub Total</b>					
<b>VI EARTHING</b>					
1	S & I of earth pit comprising of 600mm x 600mm x 3mm. thick copper plate buried at a minimum depth of 2.5 meter including necessary materials like charcoal, salt etc as required conforming to BIS standards having brick masonry chamber with hinged cover and watering arrangement.	1.00	Nos.		
2	S & I of copper /GI earthing wires/strips in following sizes				
a	8 SWG copper bare wire	50.00	Mtr.		
b	25mm x 3mm thick GI strip	15.00	Mtr.		
3	S & I of isolated earthing / grounding system for computers etc.using insulated green copper earthing wire laid through 20mm PVC conduits from separately made earth pit to the equipment in following sizes				
a	6 sqmm copper in 20mm PVC conduit	50.00	Mtr.		
<b>Sub Total</b>					
<b>VI MUSIC SYSTEM</b>					
1	S & I of point wiring for music - cum PA system comprising of 2x 1.0 sqmm stranded , copper conductor , flexible PVC insulated and PVC Sheathed wire pulled through 20 mm dia .PVC heavy gauge conduits and looped from one speaker to other and to the volume control and control switch wherever applicable and finally terminated at Tag Block.	10.00	Pts.		
2	S & I of Philips / Bosch/Ahuja make music speaker flush mounted on the false ceiling with proper clamping arrangement	10.00	Nos.		
3	S & I of volume control - cum - ON - OFF switch flush mounted on wall along with other electrical switches .The size and plate of the regulating knob should match with other switches nearby (MK make)	2.00	Nos.		
4	Supply and Installation of Music Station comprising of amplifier with CD player.	1.00	Nos.		
<b>Sub Total</b>					
<b>VIII WIRING FOR DATA AND VOICE OUTLETS</b>					
1	Providing and laying Cat 6 cable (Make : Systimax) for data in conduits and providing & terminating with RJ-45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminating other end with RJ-45 connector including numbering with ferule etc. complete.				
a	RJ-45 for data points (Through wall, false ceiling, raceway)	20.00	Pts.		
b	Supply and fixing of 24 port patch panel (D-link) complete with crimping	1.00	Nos.		
c	Supply and fixing of 24 port 10/100 MBPS Auto sensing (UTP, RJ 45) SWITCH (D-link)	1.00	Nos.		
d	Supply, installation, commissioning of 9U rack complete with power point, cooling fan and required accessories.	1.00	Nos.		
e	Supply and fixing of 1 meter long factory crimped patch cord.	30.00	Nos.		
f	Supply and fixing of 2 meter long factory crimped patch cord.	30.00	Nos.		
1	Providing and laying Cat 5 cable (Make: D-Link) for voice in existing conduits for voice and providing & terminating with RJ-11 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminate the other end				

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	with RJ-11 connector or on a Crone module with numbering of each cable with Ferule				
a	RJ-11 for Voice (Through wall, false ceiling, raceway)	6.00	Pts.		
2	Providing, laying and connecting PVC insulated copper telephone cable of following sizes including termination in approved manner.				
a	20-pair	20.00	Mtr.		
3	Providing and fixing of telephone tag block (Krone) of following sizes housed in GI box with cover of suitable size including termination				
a	20 pair	1.00	Nos.		
	<b>Sub Total</b>				
IX	<b>CCTV/Security Alarm/Fire Alarm System Wiring</b>				
	Supply and Laying of following works as per the requirement and specifications of the Security Vendor				
1	Providing and laying Cat 6 cable (Make: Systimax) for data in existing conduits and providing & terminating with RJ-45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminating other end with RJ-45 for CCTV	8.00	Pts.		
2	Supply & laying of 2 Core 1.5 Sq.mm Un armoured power cable for power supply to cameras-Panic Switch, Sensor, Hooters etc.	30.00	Pts.		
3	Supply & laying of 2 Core 1.5 Sq.mm Armoured cable for Fire Alarm System	5.00	Pts.		
3.1	S&I of Photo electric(Optical) type Smoke Detector with flashing LED Above the false ceiling where ever required as per the IS standard.	10.00	Nos.		
3.2	S&I of Response indicator for the above false ceiling smoke detector	15.00	Nos.		
3.3	S&I of Photo electric(Optical) type Smoke Detector with flashing LED Below the false ceiling where ever required as per IS standard.	12.00	Nos.		
3.4	S&I of Heat Detector with flashing LED above the false ceiling where ever required as per drawings and as per IS standards	10.00	Nos.		
4	Supply & Laying of 4 Core 14/36 Shielded cable for Security Alarm System for motion sensor and Key pad	8.00	Pts.		
5	Supply & Laying high speed HDMI cable 4K 60 Hz, compatible with all devices using 18/19 pins HDMI ports.	50.00	Rmt.		
6	Supply & Installation of suitable wall mounted stand for monitor of CCTV	1.00	Nos.		
7	Supply & Installation Hokvision 2MP –IP Dome Camera	8.00	Nos.		
8	Supply & Installation 6-U- Rack	1.00	Nos.		
9	Supply & Installation of Secgate Surveillance 4-TB Hardisk	1.00	Nos.		
	<b>Sub Total</b>				
	<b>TEMPORARY ARRANGEMENT, REMOVING &amp; REBATE</b>				
	Carefully demolishing /dismantling of the existing wiring, cables, switches, sockets. plates, fittings, fixtures etc. and any other material required to be removed for working on site & compliance of all the activities on site including removal of debris from site and carting away the same by the contractor as per the directions of the Architect & Making temporary arrangement for seating using existing table by shifting as directed etc. complete.	1.00	L.S.		
	<b>GRAND TOTAL</b>				
E	<b>AIR CONDITIONING WORK</b>				
1	Providing 2 Tr High wall Split Air Conditioners (Minimum 5-Star rating inverter type) of approved make including all necessary fittings and mountings as specified by the manufacturer, 3 mtr. Cu. Pipe & cordless remote. (Daikin, Voltas, Bluestar)	1.00	Nos.		
2	Supply of 2 Tr Ceiling Mounted 3 Star Cassette type 4-wayairflow Indoor Unit with decorative panel, compact cooling coil, electronic expansion valve, Multi speed fan motors, dynamically balanced blowers, provision	2.00	Nos.		

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	for Fresh Air Intake, drain pump, synthetic washable media filter and wireless remote control, copper coil, Refrigerant R 410 A.				
3	Supply of 4 Tr Ceiling Mounted 3 Star Cassette type 4-wayairflow Indoor Unit with decorative panel, compact cooling coil, electronic expansion valve, Multi speed fan motors, dynamically balanced blowers, provision for Fresh Air Intake, drain pump, synthetic washable media filter and wireless remote control, copper coil, Refrigerant R 410 A.	2.00	Nos.		
<b>INSTALLATION</b>					
1	Standard installation charges including Leak Testing, Nitrogen Flushing, Vacuuming & Gas Charging for split AC	1.00	Nos.		
2	Standard installation charges including Leak Testing, Nitrogen Flushing, Vacuuming & Gas Charging for cassette AC	4.00	Nos.		
3	M.S. stand/ M.S. grill lockable cage for outdoor units: (Gallery) Supplying , fabrication and Installation of M.S. base frame/ M.S. grill lockable cage for Out door units complete with epoxy painting, vibration isolating pads, supports, hangers, basket etc. complete	5.00	Nos.		
4	Copper Pipe (If Required): Providing, supplying, installation and commissioning of hard copper piping of required length from indoor to outdoor units with fitting elbows supporting arrangement on wall/ceiling, making holes in wall, filling the same etc. complete. The length of piping will be measured only after 3 mtrs. Copper piping for High wall split AC.	80.00	R.Mtr.		
5	Providing, supplying, laying and commissioning of 4 Core X 2.5 Sq.mm. electrical copper cable of required length with supporting arrangement on wall/ceiling, making holes in wall, filling the same etc. complete.	90.00	R.Mtr.		
6	Drain Piping: Providing, supplying, laying and commissioning of 1" PVC Drain water pipe from indoor unit to the proper drain inside or outside the premises as directed by Architect including fitting, accessories, bends, elbows, supporting arrangement on wall/ceiling, making holes in wall, filling the same etc. complete.	80.00	R.Mtr.		
<b>Basic Total</b>		<b>Total</b>		<b>Rs.</b>	
Add GST 18%				Rs.	
<b>Total with GST</b>				<b>Rs.</b>	
<b>NOTE :</b> The above quantities are approximately taken for estimation purpose they may increase or decrease. Contractor will be paid for actual work executes against each item. Brief specifications are given for each item. Minor verification in design and specification for each item are likely for which no extra payment will be given. Any of these items may be cancelled.					
<b>NOTE :-</b> Cost inclusive of all taxes other than GST. The Contractor estimate shall also include MMC / Local Authorities Permission for smooth functioning the work.					
Rate shall be inclusive entire Air conditioning equipment including A. C. units complete with required accessories.					
Rate shall be inclusive vibration isolation pads/mountings for the equipment.					
Rate shall be inclusive condensate drain water piping from the A. C. units to the drain point.					
Rate shall be inclusive necessary fixing arrangement for equipment through fasteners, studs, bolts, washers etc. Necessary M. S. structural supports for condensers as specified					
Rate shall be inclusive necessary erection, testing and commissioning of the entire A. C. system to give satisfactory performance.					
Rate shall be inclusive electrical work comprising , outgoing power and control cables from the individual Electrical Panel for the A.C. To the Indoor unit and The outdoor unit or the Compressor Unit complete.					
Rate shall be inclusive making openings in civil work for passing the drain piping & Ref. Piping & making good of the same by sand cement plaster finish.					



