



**TENDER FOR INTERIOR FURNISHING AND  
ALLIED WORKS  
AT BRANCH, PUNJAB & SIND BANK, A-4, BALRAM  
NAGAR, LONI, GHAZIABAD, (UP.)**

<b>IMPORTANT DATES</b>	
<b>DATE OF ISSUE OF TENDER</b>	<b>19.09.2021</b>
<b>LAST DATE OF SUBMISSION OF TENDER</b>	<b>08.10.2021 by 3.00 PM</b>
<b>DATE OF OPENING OF TENDER (TECHNICAL BID)</b>	<b>08.10.2021 by 4.00 PM</b>

**PUNJAB & SIND BANK, BRANCH AT A-4,  
BALRAM NAGAR, LONI, GHAZIABAD, (UP.)**

**ARCHITECTS  
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**Notice Inviting Tender for Interior Furnishing and Allied Works at Branch, Punjab & Sind Bank, A-4, Balram Nagar, Loni, Ghaziabad, (UP.)**

Bank invites Sealed tenders in Two Bid Systems i.e. Technical Bid & Commercial Bid from Interior Furnishers/Contractors for the Interior Furnishing and Allied Works at Branch at **A-4, Balram Nagar, Loni, Ghaziabad, (UP.)**. Tender documents and further information are available on the Bank's website <https://punjabandsindbank.co.in>

Zonal Manager, Punjab & Sind Bank,  
Noida

## 1. INTRODUCTION

Bank invites Sealed tenders in Two Bid Systems i.e. Technical Bid & Commercial Bid from Interior Furnishers/Contractors for the Interior Furnishing and Allied Works at Branch at A-4, Balram Nagar, Loni, Ghaziabad, (UP.)

## 2. ELIGIBILITY CRITERIA

The invitation of bids is open to all service providers, provided they fulfill the following eligibility criteria.

<b>CRITERIA</b>	<b>DOCUMENTS REQUIRED</b>
a) The bidder should have at least <b>5</b> years satisfactory experience in providing similar works in Commercial Banks, Pvt. Banks, Government PSU Bank in Delhi/NCR. Similar work means interior furnishing / renovation works of same nature /magnitude involving furnishing, electrification, air conditioning, office automation (except specialized works).	Work order and satisfactory completion certificate (on the letter head of service recipient with complete address and telephone no.) in having executed similar category contract/s (in the city under consideration only) during the last 5 years (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 years ending 31.07.2021:- At least One(1) work of value of Rs.11.00 Lacs or Two(2) works of value Rs.8.00 Lacs or Three (3) works of value Rs.5.00 Lacs	
c) The bidder must have an average Annual Turnover of Rs.5.00 Lacs by way of providing services during the last 3 years in similar contracts in Delhi/NCR ending 31.03.2020..	Audited Profit & Loss A/c and Balance Sheet for 2017-2018, 2018-2019 and 2019-2020 (duly attested by the CA).
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 registrations/license and latest Challans should be furnished with the Tender.

<p>f) Bidder should have sufficient resources namely manpower &amp; equipment to execute the subject work.</p>	<p>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 30 days.</p>
<p>g) To ensure transparency, equity, and competitiveness in compliance with the CVC guidelines. 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.</p>	<p><b><i>Any vendor/ bidder not signed the document or refusing to sign shall be disqualified in the bidding process.</i></b></p>

### 3. SCOPE WORK

The Contractor shall carry out and complete the said furnishing works comprising of wooden partition, panelling false ceiling including miscellaneous, electrical works and modification / addition to existing provision. Provision and Furniture, furnishing etc. complete in every respect in accordance with Contract and with the directions of and to the satisfaction of the Architects and the 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 works 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 of any works executed by the Contractor.
- d) The removal from the site of any material brought there on by the contractor and
- e) Substitution of any other material there from.
- f) The dismissal from the works 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 Contractor shall forthwith comply and fully execute any work comprised in such Architect's Instructions provided always that verbal instruction. Directions and explanations given to the Contractor or his representative upon the works by the Architects 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 contract.

If compliance with the Architect's instructions as aforesaid involved work and/or expense and/or loss beyond that contemplated by the Contract. Then unless the same were issued owing to some

breach of this contract by the Contractors. 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 interior furnishers/contractors located in Delhi/NCR who are eligible to do business in India under relevant Indian Laws as in force at the time of bidding.
- b) The Tender can be downloaded from the Bank's website, i.e., <https://punjabandsindbank.co.in>
- 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.  
The Bank may at its discretion, extend the last date for bid-submission on any justified ground.
- f) 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.
- g) Earnest money , Technical Bids and Commercial Bids are to be submitted in 3 separate sealed envelopes , duly signed and super scribed as:

**“TECHNICAL BID/COMMERCIAL BID/ EARNEST MONEY FOR INTERIOR FURNISHING & ALLIED WORKS FOR PUNJAB AND SIND BANK BRANCH A-4, BALRAM NAGAR, LONI, GHAZIABAD, (UP.)”**

- h) Sealed tenders in the prescribed tender form, with the EMD, along with the Mandatory Information etc. and commercial bid (Envelope 1, 2 and 3), should be addressed to the Zonal Manager should be dropped in the tender box on or before 08.10.2021 up to 3.00 P.M at the following address.

**PUNJAB & SIND BANK, ZONAL OFFICE, 3<sup>RD</sup> FLOOR,PLOT NO.- 1A, BLOCK-C, SECTOR-63,NOIDA (UP.)- 201307**

- i) Any bid received by the Bank after the last date/time for bid-submission will be rejected and re-turned unopened to the service provider.
- j) 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 (Envelope 1):**

- 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 (Envelope 2):**

- 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.

### **6.3 EARNEST MONEY (Envelope 3)**

- a) Earnest money deposit of **Rs.24,000.00/-** in the form of Demand Draft by Public Sector Bank in India favoring "Punjab & Sind Bank " payable at New Delhi must be submitted along with the technical bid.
- b) No interest would be payable on the earnest money deposit amount.
  - c) This amount would be forfeited if the bidder withdraws his bids during the period of bid validity.
  - d) The earnest money must be submitted along with technical offers.
  - e) In the event of non-submission of earnest money deposit, the proposal would be rejected.

- f) EMD would be released to the unsuccessful bidders after signing of the contract agreement by the L1 bidder.
- g) EMD of the successful bidder shall be released after submission of the Performance Bank Guarantee.
- h) The EMD shall be from any scheduled commercial Bank in India other than Punjab & Sind Bank.

## **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**

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.

## **TECHNICAL BID.**

- a) Service Provider's Profile (Annexure B)
- b) All pages of bid document must be signed and stamped.
- c) Earnest Monet Deposit(EMD) of Rs.**24,000.00/-**
- d) Copy of satisfactory performance certificate - Minimum 3 Nos, 1 satisfactory performance certificate for each year out of which 1 must be of presently running.
- e) Audited Profit and Loss Account and Balance sheet for the year ending on 2017-2018,2018-2019 and 2019-2020.
- f) Letter of Authorization to Bid.
- g) Power of Attorney (if any).
- h) Details of work executed in the last 5 years. (Annexure C).
- i) Past Performance (Annexure D).
- j) Organizational Setup - Details of Key skilled, semi-skilled and unskilled workers employed (Annexure E)
- k) Details of Litigation/Arbitration (Annexure F)
- l) List of Equipment and Machineries (Annexure G).
- 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.

**COMMERCIAL (FINANCIAL) BID.**

- a) Covering Letter.
- b) Commercial (Financial) Bid

**9. COMMERCIAL (FINANCIAL) BID OPENING**

- a) The Bank will open the bids, in the presence of Service providers' representative who choose to attend, at the time and date mentioned in Bid document at the address mentioned below

**PUNJAB & SIND BANK, ZONAL  
OFFICE, 3<sup>RD</sup> FLOOR ,PLOT  
NO.-1A, BLOCK-C, SECTOR-  
63,NOIDA (UP.)-201307**

**Only Eligible Tenderer shall be informed (Via E- mail/Telephone) separately**

- b) The bidder's representatives who are present shall sign register evidencing their attendance. In the event of the specified date of bid opening being declared a holiday for Bank, the bids shall be opened at the appointed time and place on next working day.
- c) The commercial (Financial) bid shall be opened in the presence of bidder representatives whose bids are considered as responsive as per the technical and other qualification criteria as underlined in the bid document.
- d) No offer can be modified or withdrawn by a Bidder after submission of Bid/s.
- e) If any of the bidder or all the bidders who submitted Bids, are not present during the specified date and time of opening, the Bank will proceed further with opening of the Bids in their absence.
- f) **Opening of Financial Bid-** Only Eligible Tenderer shall be informed (Via E- mail/Telephone) separate.



## **10. 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 this 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.**

## **11. 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.

## **12. 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 written confirmation of such notification obtained.

## **13. 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, Plot No.-1A,block-C,Sector-63, Noida (UP.)-201307

## TERMS AND CONDITIONS OF TENDER

### DIRECTIONS REGARDING PROCEDURES

In construing these conditions, specifications and Contract Agreement, the following words shall have the meaning here in assigned to them except where the subject or context otherwise requires:

- (a) **"Bank"** Shall mean **Zonal office, Punjab & Sind Bank, Plot no.-1A, Block-C, Sector-63,Noida(UP.)-201307** and shall include his (their) legal representative/s assign/s or authorized officer.
- (b) **"Contractor/Builder"** Shall mean the individual or firm or company, whether incorporated or not, undertaking the work and shall include legal personal **representatives** of such individual or the persons comprising such firm or company or the successors of such individual or firm or company and the permitted assignee of such individual or such individual or firm or company.
- (c) **"Architect"** Shall mean PAHWA ARCH TECH SERVICES whose registered office is situated at A-53, SECTOR 49,NOIDA-201301. (and shall include his authorized representative) or in the event of his death or termination of his services by the Bank in his sole and unqualified discretion, such other person/persons as shall be provided always that no person subsequently appointed to be Architect under this contract shall be entitled to disregard or over rule any previous decision or direction given or expressed by the Architect specified here in unless otherwise approved by the Bank.
- (d) **"Contract"** Means the documents forming the tender and acceptance thereof and the formal agreement executed between the competent authority on behalf of **The Zonal Manager, Punjab & Sind Bank, Plot no.-1A, Block-C, Sector-63,Noida (UP.)-201307** and the Contractor, together with the documents referred to there in including these conditions, the specifications, de- signs, drawings and instructions issued from time to time by the Engineer-in-Charge and all these documents taken together, shall be deemed to form one contract and shall be complementary to one an- other.
- (i) The expression **works** or **work** shall, unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the works by or by

virtue of the contract contracted to be executed whether temporary or permanent, and whether original, altered, substituted or additional.

- (ii) The **site** shall mean the land/or other places on, into or through which work is to be executed under the contract or any adjacent land, path or street through which work is to be executed under the contract or any adjacent land, path or street which may be allotted or used for the purpose of carrying out the contract.
- (iii) **Schedule(s)** referred to in these conditions shall mean the relevant schedule(s).
- (iv) **Tendered Value** means the value of the entire work as stipulated in the letter of award of work.

## 1. GENERAL

The work shall be carried out strictly in accordance with the drawings amplified by the specifications of materials and workmanship given hereunder. The drawings and specifications shall be taken together and shall complement each other. In case of any discrepancy, the following order of preference shall be followed:

- (a) Particular Specifications.
- (b) Drawings.
- (c) CPWD Specifications & DSR 2019.
- (d) National Building Code and Relevant IS Provisions.

In case there are no specifications for items shown on the drawings or where items are not exhaustively described, the general specifications of CPWD shall be followed for which nothing extra shall be paid. However the specification should be got approved from the Architect before commencement of work.

## 2. DRAWINGS AND SPECIFICATIONS

- (a) After signing the Contract, the contractor will be given free of charge three prints of all working drawings. The contractor shall make at his own expense any additional copies he requires. One copy of the drawing furnished to the contractor as aforesaid shall be kept by the contractor at site and the same shall, at all reasonable times be available for inspection and use by the Architect and his representatives any by any other person authorized by him in writing.
- (b) Such further drawings and instructions including revisions, as the Architect may furnish to the Contractor shall form part of this contract.
- (c) Only figured dimensions and detailed drawings shall be followed. The Contractor shall verify all dimensions in the field before any work is started and obtain instructions of the Architect in case of any discrepancy.
- (d) The Architect with approval of the **The Zonal Manager, Plot no.-1A, Block-C, Sector-63,Noida (UP.)-201307** shall have power and authority to supply to the Contractor from time to time during the progress of the work, such further drawings and instructions as shall be necessary for the purpose of proper and adequate execution and maintenance of work and the Contractor shall carry out and be bound by the same.

### **3. SCHEDULE OF QUANTITIES:**

The Schedule of Quantities unless otherwise stated shall be deemed to have been prepared in accordance with the method of measurements specified in the particular specifications and shall be considered to be approximate. The Bank does not undertake to carry out the whole of work as shown in the drawings and taken in the schedule of quantities and reserves the right to modify the same or any part thereof. The Contractor shall not be allowed any compensations or damages for the work so omitted or cancelled by the Bank. Each tender item should be filled in with the rates and amounts in separate columns and all the sections should be totalled up in order to show the aggregate value of the entire tender. The rates should be filled both in figures and words for each item and in case of discrepancy the rates filled in words shall be considered as correct for the evaluation of tender amount. The initials of the tenderers shall duly attest all corrections in the tender Schedule. Corrections, which are not attested, may entail the rejection of tender.

### **4. ARCHITECTS STATUS AND DECISIONS (a)**

#### **Status:**

The Architects shall have general supervision and direction of the work. He has authority on behalf of the Bank to stop the work whenever such stoppage may be necessary to ensure the proper execution of the work. The architect shall be the interpreter of the conditions of contract and the judge of its performance.

#### **(b) Decisions:**

The Architect shall, within a reasonable time, make decisions on all claims of the contractor and on all other matter relating to the execution & progress of the work or the interpretation of the contract documents. The decisions, opinion or direction of the Architects with respect to all or any of the following matters shall be referred to the The Zonal Manager & PSB and decision so taken shall be final & binding to the contractor.

Variation or modifications of the design.

- i. The quality or quantity of works or the additions/alterations or omissions or substitutions of any work.
- ii. Any discrepancy in the drawings or between the drawings and or specifications.
- iii. The removal and / or re-execution of any work by the contractor.
- iv. The dismissal from the work of any persons employed therein.
- v. The opening up for inspection of any work covered up.
- vi. The amending the making good of any defects under defects liability period.
- vii. Approval of materials and workmanship.
- viii. The contractor to provide everything necessary for the proper execution of the work.

#### **(c) Dismissal:**

The contractor shall on the report of the architects immediately dismiss from the works within 24 hours any person employed by him for the above work, who may, in the opinion of Architects be incompetent or misconducts himself and such person shall not be re-employed on the works without the permission of the Architects.

## **5. EXTENT OF CONTRACT**

The contractor shall supply at his own cost all material implements, ladders, cordage, tackle, scaffolding and temporary works required for the proper execution of the work whether original, altered or substituted and whether included in the specifications or other documents forming part of the contract or referred to in these conditions or not and which may be necessary for the purpose of satisfying of conditions he is entitled to be satisfied which he is entitled to require together with carriage therefore to and from the work. The contractor shall also supply survey instruments and other materials necessary for the purpose of setting out works, and counting weighing and assisting to the measurement or examinations at the any time and from time to time of the work material, failing his so doing the same may be provided by the engineer-in-charge at the expense of the contractor and the expenses may be deducted from any money due to the contractor under the contract from his security deposit or the proceeds of sale thereof. The contractor shall also provide a sufficient portion of fencing and lights required to protect the public from accident, and shall be bound to bear the expenses of defence brought by any person for injury sustained owing to neglect of the above precautions and to pay any damage and costs which may be awarded in any such suit, action or proceedings to any such person or which may with the consent of the contractor be paid to compromise any claim by any such person. In no case, the Bank shall be a party to any such claim/claims and the contractor shall indemnify the Bank against any claim for any person on this account.

## **6. ASSIGNMENT OR SUB LETTING OF CONTRACT**

The contractor shall not assign the contract or any part thereof or any benefit or interest therein or there under or any claim arising out of the contract to any other party without the prior written consent of the Bank.

## **7. CONTRACTORS OFFICE AND STORES**

All offices, sheds and stores required by the contractor shall be enacted at his own cost with the prior approval of the Bank or its representative and shall be dismantled and removed upon the completion of the work if so directed within 7 (seven) days of the issue of such intimation.

## **8. DIRECTION FOR EXECUTION OF WORK**

### **8.1 Setting outs**

The contractor shall be responsible for the true and proper setting out of the works in relation to the original points, lines and levels of reference given by the architect in writing and for correctness subject as above mentioned of all the positions, levels dimensions and alignments of all parts of the work and for the provision of all necessary instruments, appliances and labour in connection there- with. If at any time during the progress of the work any error shall appear or arises in any part of the work, the contractor on being required to do so by The Zonal Manager, (PSB) shall at once inform the architect or their representatives. The checking of the work by the architect/representative shall not in any way relieve the contractor from his responsibilities of carrying out the work as per the best practices of construction.

## **8.2 Engagement of Labour**

- (a) The contractor shall be solely responsible for the labour/ personnel employed and that the personnel provided by the contractor shall and will not make any claim to become employees of the Bank and that there will be no Employee and Bank relationship between the personnel engaged by the Contractor and the Bank.
- (b) The contractor shall employ labour in sufficient numbers either directly or through subcontractors, where such sub letting is permitted to maintain the required rate of specified in the contract and to the satisfaction of the architect. The contractor shall not employ in connection with the works any person who has not completed his fifteen years of age.
- (c) The contractor shall comply with the provisions of the payment of Wages Act, 1936; Minimum Wages Act, 1948; Act, 1947; Maternity Benefit Act, 1961 and Mines Act, 1938, Labour Contract (Regulations & Abolishing) Act or Rules, or any modifications thereof and any other law relating thereto and rules made there under time to time.
- (d) The Contractor shall be fully responsible for timely monthly payment of wages and any other dues to the personnel deployed by the Contractor. Further the Contractor shall solely be responsible for having made the payments towards ESI and EPF amount (both Banks and employee's contribution) in the respective account of the worker for the period for which bill is raised.
- (e) The contractor shall indemnify the Bank against any payment to be made under and for observance of the Regulation aforesaid without prejudice to his right to claim indemnity from his sub-contractors.
- (f) The contractor shall provide and maintain at his own expenses all rights, guards, fencing and watching when and where necessary or required by the Resident Engineer for the protection of the works or for the safety and convenience of those employed on works or the public.

## **8.3 Sampling**

- (a) The contractor shall submit the samples of various materials for the approval of the Architect & Bank. The contractor shall use the material only after the approval of the Architect/ Bank. The verification of the material shall be done on random base during the progress of the work in either the following manner:
- (b) Random samples would be picked up during execution of work from site & if decided by the Architect/ Bank, it would be sent to one of the approved laboratories for test & quality check. The cost of such tests would be borne by the client.
- (c) The Architect/ Bank may direct the contractor to submit the challan of delivery of the material brought at site. It would be on Random based. The Architect may also direct the contractor to submit the copy of the test/verification certificate provided by the manufacturer of that particular material.

## **8.4 Inspection of work**

All work under or in course of execution or executed in pursuance of the contract shall at all times be open to inspection and supervision of the Architect or his representative and to the personnel and the representatives of the Bank and the contractor shall at all times with reasonable notice or the intention of the Architect or his representatives to visit work shall have been given to the contractor, either himself be present to receive orders and instructions, or have responsible agent duly accredited in writing present for that purpose. Orders to the contractor's agent shall be deemed to have been given to the contractor himself.

### **8.5 Suspension of Work**

The contractor shall on the written order of the Architect/Bank suspend the progress of the work or any part thereof for such time or time and in such a manner as the Architect/ Bank may consider necessary and shall during such suspension properly protect and secure the work as considered necessary in the opinion of the Architect/ Bank or their representative-in-charge of the work. No compensation shall be payable to the contractor on what so ever account for the suspension of work.

### **8.6 Extension of time for completion**

Time is the essence of the contract. The owner and the contractor in consultation with the the Architects shall agree upon the work progress chart. The chart shall be prepared in direct relation to the time stated in the contract or the works order for completion of the individual items thereof and/or the contract or works order as a whole. It shall indicate the forecast of the dates of commencement and completion of the various trade processes or sections of the work and shall be amended as may be required by agreement between the architects and the

Contractor within the limitations of time imposed in the contract. If the works be delayed:

- (a) By force majeure, or
- (b) By reasons of abnormally and bad weather
- (c) By reason of serious loss or damage by fire or
- (d) By reason of civil accommodation local combination of workmen or strike or lockout effecting any of the trades employed on the work or
- (e) By reason of delay on the part of contractor or trade men engaged by the owner in executing works not forming part of the contract or
- (f) By reason of proceeding taken threatened by or dispute with adjoining or neighbouring owners or public authorities arising otherwise, than through the Contractor's own default, or
- (g) By reason of any other cause which in the absolute discretion of Owner is beyond contractor's control then in any such case the owner may make fair and reasonable extension after obtaining Architect's advice in the completion dates of individual items or groups of items of work for which separate periods of completion are mentioned in the contractor or works order as applicable.
- (h) Upon the happening of any such event causing delay, the contractor shall immediately give the notice thereof in writing to the architects with a copy to Bank but shall nevertheless use constantly his best Endeavour to prevent or make good the delay and shall do all that may reasonably be required to the satisfaction of the Architect/Bank to proceed with the works  
Extension of time shall be granted.

### **8.7 Defacement**

If the contractor or his work people, or servants shall break, deface, injure, or destroy any part of a building, or interiors, then the contractor has to rectify the same part at his own expenses to the satisfaction of the Architect.

### **8.8 Approval of Materials**

The contractor would bring samples of necessary materials as per the directions & would get them approved prior to execution of work from Architect.

## **9. 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 thereof 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.

## **10. 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.

## **11. SECURITY DEPOSIT**

- (a) The Bank will, at the time of making any payment to the contractor for work done or supply made under the contract deduct 5% of Gross value of each bill upto a total of 10% of contract value.
- (b) All compensations or other sums of money payable by the contractor to the Bank in terms of this contract may be deducted from, or paid by, the sale of a sufficient part of his security deposit, or from any sums which may become due to the contractor by the Bank on any account whatsoever, and in the event of his security deposit being reduced by reason of any such deduction or sale as aforesaid, the contractor shall within ten days. Thereafter make good in demand draft, endorsed in favour of the Bank as aforesaid any sum or sums which may have been deducted from, or raised by sale of his security deposit or any part thereof.
- (c) The above said security deposit shall be liable to forfeiture wholly or in part at the sole discretion of the Architect if the contractor fails to carry out the work or perform or observe any of the conditions of the contract.
- (d) No interest would be payable by the Bank to the contractor on the security held in deposit.

## **12. 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 countersign 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.

### **13. 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.

### **14. RATES FOR EXTRA ADDITIONAL, ALTERED OR SUBSTITUTED WORK**

The rates for additional, altered or substituted work shall be worked out in accordance with the following provisions in their respective order.

- (a) If the rates for similar additional, altered or substituted work and directly available in the contract for the work, the contractor is bound to carry out the work at the same rates as are available in the contract for the work.
- (b) If the rates for additional, altered or substituted work are not directly available in the contract for the work the rates will be derived from the rates for a similar class of work as are specified in the contract for the work.
- (c) If the rates for the altered, additional or substituted work cannot be determined in the manner specified in sub-clause (i) to (ii) above, then the contractor shall within three days of the date of receipt of order to carry out the work, inform the Architect of the rate which it is intending to charge for such works supported by analysis of the rate or rates claimed (CPWD analysis). Rates finalized and approved by the Architect on the basis of these details will be final and binding. However, the architect by notice in writing will be at liberty to cancel his order to execute such work and arrange to carry it out in such a manner as he may deem advisable, but under no circumstances shall the contractor suspend the work once ordered in writing on the plea of non-settlement of rate.
- (d) In case of furniture items, the minor changes I modifications in the design shall not be considered as deviation, and no price adjustment shall be made against the rates agreed to as per the Schedule of Quantities of the contract. For major change in the design of any item of the furniture, the deviation shall be priced by the Architects as Extra, as per above however the decision of the Architects whether the charge / modification in the design of furniture items is minor or major, shall be final and binding on the contractor.

#### **14.1 REIMBURSEMENT OF VARIATION IN PRICE**

Prices and rates quoted by the Tenderers shall be considered as firm for the complete work and entire duration of the contract. No claim for extra payment due to any rise in rates of raw material and labour or due to whatsoever reasons shall be considered, not even for extended period of completion.

### **15. GUARANTEES**

#### **15.1 Quality of Work**

- (a) The contractor shall guarantee that the materials and workmanship are the best of their respective kinds for the service intended and that all items of work will be free from all inherent

defects in workmanship and materials. He shall also guarantee that the works will not fail in any respect due to quality of materials, workmanship and methods of construction.

- (b) The specifications assume a proper degree of skill on the part of contractor and workmen employed. The contractor shall consult the Architect or his representative, whenever in his judgment variation in the methods of construction or in the quality of material would be beneficial or necessary to fulfil the guarantee is called for. Such variations may be made by the contractor only when authorized by the architect.

### **15.2 Rejection**

If during the "Period of Guarantee", any work or material shall fail in any respect to meet the above guarantee, the contractor shall replace such work or material in a condition which will meet the above guarantee, immediately.

### **15.3 Cost of Execution of work or repair etc.**

All work of repair shall be carried out by the contractor at his own expense if the necessity thereof shall in the opinion of the Architect be due to the use of materials or workmanship not in accordance with the contract or on account of neglect or failure on the part of the contractor to comply with any obligation expressed or implied on the contractor's part under the contract.

### **15.4 Remedy on Contractor's failure to carry out the work required**

If the contractor shall fail to do any such work as aforesaid required by the architect the Bank shall be entitled to carry out such work from/through other person, at the contractor's own cost. The Bank shall be entitled to recover from the contractor the cost thereof or may deduct the same from any money due or that may be come due to the contractor.

## **16. CERTIFICATE OF COMPLETION OF WORKS**

On completion of the work, the Contractor shall be furnished with a certificate, but no such certificate be given nor shall the work be considered to have been completed until the contractor shall have removed from the area of the premises (to be distinctly marked by the Architect) in the site plan which, the work shall be executed) all scaffolding, surplus materials and rubbish and clean the dirt from all wood work, doors, windows, walls, floors or other parts of any building, in or upon which the work is to be executed, or of which he may have had in possession for the purpose of the execution hereof. If the contractor shall fail to comply with the requirements of the clause as to the removal of scaffolding, surplus materials and rubbish and cleaning off dirt on or before the date fixed for the completion of the work, the architect may at the expense of the contractor remove such scaffolding, surplus materials, and the contractor shall forthwith pay the amount of all expense so incurred, and shall have no claim in respect of any such scaffolding or surplus materials aforesaid, except for any sum actually realized by the sale thereof.

## **17. TERMINATION OF THE CONTRACT**

- (a) If at any time after the commencement of the work the Bank for any reason whatsoever does not require the whole or part thereof as specified in the tender to be carried out, the Bank shall have the right to terminate this Agreement and The PSB shall communicate the termination by giving a notice in writing to the contractor.
- (b) The contractor shall have no claim to any payment or compensation whatsoever on account of any profit or advantage, which would have derived from the execution of the work in full, but

which he did not derive in consequences the full amount of the work not having been carried out.

- (c) The Contractor shall not have any claim or compensation by reason of any alterations having been made in the original specification, or the designs and instruction on which shall involve any containment of the work originally contemplated. However, in case of part cancellation, the Contractor shall be paid such amount as is commensurate to the actual work done by him till such termination notice is received.

## **18. 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 Noida.

## **19. BYE LAWS OF LOCAL AUTHORITIES**

The contractor shall conform to the provisions of all applicable Government Acts which relate to works and to the regulations and bye laws of any local authorities. The Contractor shall give all such notices required by the said Act or Laws, etc., and pay all fees payable to such authorities and allow for these contingencies in his tendered rates including fees for encroachment, stacking charges, costs of restorations, etc., and all other fees payable to the local authorities. The Contractor shall keep the Bank indemnified against all penalties and liabilities for every breach of any such Act, Rules, Regulations or Bye-laws.

Further the Contractor shall specifically ensure compliance of various Labour Laws/Acts including but not limited to with the following and their re-enactments/amendments/modifications while dealing with the employment of labour such as:

- i. The Payment of Wages Act, 1936
- ii. The Minimum Wages Act, 1938
- iii. The Workmen Compensation Act, 1923
- iv. The Contract Labour (Regulations & Abolishing) Act.
- v. The Bank's Liabilities Act, 1938
- vi. Industrial Dispute Act, 1938
- vii. Maternity Benefit Act, 1961
- viii. The Employees State Insurance Act, 1948

Safety code, labour welfare Act or rules or any modification thereof any other laws and regulations framed by the Competent Legislative Authorities from time to time.

## **20. LIASONING & CO- ORDINATION WITH LOCAL MUNICIPAL AUTHORITIES**

The contractor has to liason and takes any clearance from local authorities like Delhi / 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.

## **SPECIAL CONDITIONS OF THE CONTRACT**

### **1. INSURANCE FOR WORKS**

- (a) The contractor at the time of signing the contract or before commencing the execution of work, without limiting his obligations and responsibilities shall insure the works at his own cost and keep them insured until the virtual completion of the contract against all acts of God including Fire, Theft, Riots, War, Floods etc. with a Nationalized Insurance company in the joint names of the Bank and the contractor (the name of the former being placed first in the policy) for the full amount of the contract. Such policy shall cover the property of the Bank and fees for assessing the claim and in connection with its services generally therein and shall not cover any property of the Contractor or of any sub contractor or employee.
- (b) The contractor shall deposit the policy and receipt for the premiums with the Bank within seven (7) days, from the date of signing of the contract/commencement of the execution of the work or unless otherwise instructed by the Bank. In default of the contractor insuring as provided above, the Bank on his behalf may so insure and may deduct the premiums paid from any moneys due on which may become due to the contractor. The contractor shall as soon as any claim under the policy is settled on the work reinstated by the Insurance office should elect to do so, proceed with all due diligence with, the completion of the works in the same manner as through the mis- fortune/accident had not occurred and in all respects under the same conditions of the contract. The contractor in case of rebuilding or reimbursement after accident shall be entitled to such extension of time for completion, as the Bank deems fit.

### **2. INSURANCE IN RESPECT OF DAMAGE TO PERSONS AND PROPERTY**

- (a) The contractor shall be responsible for all injury to persons, animals or things and for all structural and decorative damage to property which may arise from the operation or neglect of himself or of any approved sub-contractor's or employees, whether such injury or damage arise from carelessness, accident or any other cause whatsoever in any way connected with the carrying out of this contract. The clause shall be held to include any damage to buildings, whether immediately adjacent or otherwise, and any damage to roads, streets, foot paths, bridges and works forming the subject of this contract by frost or other inclemency of the weather. The contractor shall indemnify the Bank and hold him harmless damage to persons or property as aforesaid and also respect of any claims made in respect of injury or damage under any Acts of Government or otherwise and also in respect of any award of compensation of damages consequent upon such claims.
- (b) The contractor shall reinstate all damages of every sort mentioned in this clause, so as to deliver up the whole of the contract works complete and perfect in every respect and so as to make good or otherwise satisfy all claims for damage to the property of third parties.
- (c) The contractor shall indemnify the Bank against all claims which may be made against the Bank by any member of the public or other third party in respect of works in consequence thereof and shall at his own expense arrange to effect and maintain, until the virtual completion of the contract, with any Nationalized Insurance company in the joint name of the Bank and the contractor against such risks and deposit such policy or policies with the Bank from time to time during the currency of this contract. The contractor shall similarly indemnify the Bank against all claims which may be made upon the Bank whether under the Workman's Compensation Act or any other statute in force during the currency of this contract or at common law in respect of any

employee of the contractor or any sub-contractor and shall at his own expenses effect and maintain with an approved office a policy of Insurance in the joint names of the Bank and the contractor against such risks and deposit such policy or policies with the Bank and the contractor against such risks and deposit such policy or policies with the Bank from time to time during the currency of the contract. The contractor shall be responsible for anything which may be excluded from the insurance policies above referred to and also for all other damages to any property arising out of and incidental to the negligent or defective carrying out of this contract. He shall also indemnify the Bank in respect of any costs, charges or expenses arising out of any claim or proceedings and also in respect of any award of or compensation of damages arising there from.

- (d) The Bank shall be at liberty and is empowered to deduct the amount of any damages, compensation costs, charges and expenses arising or occurring from or in respect of any such claim or damage from any sum or sums due to or become due to the contractor including the security deposit.
- (e) If the contractor fails to comply with the terms of these conditions, the Bank may insure the works and may deduct the amount of the premiums paid from any moneys that may be or become payable to the contractor or may at the option, not release running payment to the contractor until the contractor shall have complied with the terms of this condition.
- (f) Such insurance whether affected by the Bank or the contractor will not limit or bar the liability and obligation of the contractor to deliver the works to the Bank completed in all respects according to the contract. In case of loss or damage due to any of the aforesaid clause, the moneys payable under any such insurance shall be received and retained by the Bank until the works are finally completed and such moneys shall then be credited to the contractor in final settlement of accounts.
- (g) The works shall be executed in close co-ordination with the progress of other work. This being absence of the contract, no claim for idles labour will be entertained.

### **3. TYPOGRAPHIC OR CLERICAL ERRORS:**

The Architect's/Engineer-in-Charge's clarifications regarding partially omitted particulars or typographical or clerical errors shall be final and binding on the Contractor.

- 4. Acceptance of tender:-** On acceptance of tender, the Bank shall issue a Letter of Intent (LOI) and shall enter into an agreement with 7 days from the issue of LOI. On the contrary, Bank has a right to cancel the order and forfeit the EMD.
- 5. Time** shall be regarded as the essence of the contract. The work should be taken up immediately and completed within (as per terms and conditions attached) **30 (Thirty) days** from the date of issue of work order.
- 6.** Contractor will be permitted to work normally during the regular working hours i.e. 9 a.m. to 6.00 pm. If the Contractor is required to work at night in order to complete the work within the Time Schedule, the Contractor shall seek written permission from the Bank for the same. Further, the contractor is liable provide and maintain at his own cost sufficient lights to enable the work to proceed satisfactorily without danger. Approaches to the site also shall be sufficiently lighted by the Contractor. No extra payments will be made for night work. Prior intimation and approval should also be taken from Architect/Consultant.

However, no work shall be done on national holidays that may be notified by the Bank without the specific sanction in writing of the Bank.

7. Contractor to coordinate and assist the Architect in obtaining all Statutory approvals including MMC, CFO and any other State and Central rules in force. Any expenses incurred in obtaining such approvals are deemed included in the rates quoted by the Contractors.
8. **Measurements of all concealed items:** Measurements of all concealed items of work and extra item if any, shall be got recorded by the Bank's Architect / Engineer before they are checked up.
9. **Cleaning during the work:** The rates quoted shall include cleaning of ceiling roses, electric switches, boards, window panes etc. after the repairing leaving the site neat and tidy from time to time.
10. The contractor shall note that they should bring to the notice of the Architect / Engineer any breakage in glass window before starting work. However, if any glass window is found to be broken during the repairing work, the contractor at his own cost shall replace the same.
11. **Abandonment of work:** If in any case the 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.
12. **For water proofing works** on traces, bathroom, WC, Chajja, work has to be executed through the agency specialized in waterproofing. Contractor will have to submit a guarantee of 10 years on stamp papers as per the format to be prescribed by the Bank.4
13. **Records & measurements:** Measurements shall be taken jointly by Bank's Architect / Engineer and contractor and shall without extra charges provide assistance with appliance; labor and other things necessary for the work and measurements will be signed and dated by both the parties on completion of measurements.
14. **Supervision:** The contractor is required to have on site during all working hours a competent supervisor (acceptable to Bank) who will be responsible for the conduct of worker and who has authority to receive and act on such instructions issued by the Architect / Engineer of Bank.
15. Contractor shall follow all rules / regulations in force and should possess the license for employing labor and also follow all safety measures, labor bye law and shall be responsible for any lapse.
16. **Safety:** The contractor shall carry out the entire work in a workman like manner having full regard for the safety of the men working at site. All safe practices as per CPWD norms shall be strictly adhered to by the workmen of the contractor like wearing helmets, safety belts when working at heights, gloves when handling sharp objects and reinforcement, eye shields during welding, safety shoes, etc. The contractor shall protect sides of openings in floor slabs, edges of slabs, stairs, stairwells etc. with barricades, warning signs / lights and educate all his workmen regarding following safe working practices. He shall provide first aid boxes at site. In spite of following safe methods, in case of any unfortunate accident, the contractor shall indemnify the employer against any expenses or claims towards treatment or compensation.
17. **A Daily Diary Register:** A daily diary register (with cement and steel stock statement) will be kept in the Engineer's Office or the site office. Details of work for the day proceeding and the diary will be written up every day and jointly signed by the Engineer and the Contractor or their representatives in token of its correctness thereof.
18. **Site Visits:** - The Architect/Consultant /Bank shall visit the site from to time at their discretion, or when expressly called upon to do so, to co-ordinate various activities and/or to answer such queries that may be posed at site on interior drawings.
19. **Certificate of virtual completion:** As soon as the work is completed, the contractor shall inform in writing such completion to the Bank's Architect / Engineer who will inspect the work and if satisfied will issue the certificate that the work has been virtually completed and the defects liability period shall commence from the date of such certificate.

20. When the work has been virtually completed and Bank's Architects / Engineer has certified in writing that the work has been completed on the basis of detailed measurements and has made a final scrutiny and that there is no dispute items, rates, ad quantities, the contractor shall be entitled to the payment of the final bill in accordance with the final certificate which will be honoured within the period specified in the Appendix as period of honouring final certificate.
21. During the pendency of the contract, Bank reserves the right to cancel a part or whole of the order without assigning any reason, on 3 days notice without any cancellation charges.
22. Site must be cleaned and free from debris before payment of bills.
23. Any loss/damage sustained to the Bank due to any act or omission on the part of the contractor or his men will have to be made good to the Bank by the contractor.

#### **24. Force Majeure**

The contractor shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that delay in performance or other failure to perform its obligations under the contract is the result of an event of Force Majeure. For purposes of this Clause, "Force Majeure" means an event beyond the control of the contractor and not involving the contractor's fault or negligence and not foreseeable. Such events may include, but are not limited to, Acts of god or of public enemy, acts of Government of India in their sovereign capacity, acts of war, acts of Punjab & Sind Bank either in fires, floods, strikes, lock-outs and freight embargoes.

If a Force Majeure situation arises, the contractor shall promptly notify Punjab & Sind Bank in writing of such conditions and the cause thereof within **twenty calendar days**. Unless otherwise directed by Punjab & Sind Bank in writing, the contractor shall continue to perform its obligations under the Contract as far as it is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

In such a case, the time for performance shall be extended by a period not less than the duration of delay. If the duration of delay continues beyond a period of three months Punjab & Sind Bank and the contractor shall hold consultations with each other in an endeavour to find a solution to the problem notwithstanding the above the decision of Punjab & Sind Bank shall be final and binding on the service provider.

#### **25. Resolution of dispute**

Punjab & Sind Bank and the contractor shall make every effort to resolve amicably, by direct informal negotiation, any disagreement or dispute arising between them under or in connection with the contract. If after 30 days from the commencement of such informal negotiations, Punjab & Sind Bank and the contractor is unable to resolve amicably a contract dispute; either party may require that the dispute be referred for resolution by formal arbitration.

All disputes, differences, claims and questions whatsoever arising from this Agreement between the parties and/or their respective representatives touching these presents or any clause or thing contained therein or otherwise in any manner relating to or arising from these presents shall be referred to the sole arbitration of a person appointed by the Zonal manager of the bank.

Any party desirous of making a reference to the Arbitrator shall give fifteen days Registered Acknowledgement Due notice of his intention to do so to the other party at his usual place of business or residence or of the place of their last notified address and the notice shall be deemed to have been served when it would ordinarily have been served when it would ordinarily have been sent by post. The notice sent by the arbitrator to the parties by Registered Post at the addresses mentioned in the Agreement will be considered sufficient service on the parties whether such notice is received by them or not is refused, or is returned undelivered.

## TENDER FORM

The Zonal Manager  
Punjab & Sind Bank-  
Plot no.-1A,Block-  
C,Sector-63,Noida(UP.)

Dear Sir,

Having visited the site and examined the conditions of contract, Specifications and Schedule of Quantities for the above named works, I/We offer to undertake and complete the whole of the subject work in conformity with the said conditions of Contract, Specifications and Schedule of Quantities for the sum stated in Schedule of Quantities of this Tender Document or such other sum as may be ascertained in accordance with the said conditions of contract.

I/We undertake to complete and deliver the whole of the work comprised in the contract within 30 (Thirty) days. We have independently considered the amount of liquidated damages, Contractors All Risk (CAR) insurance policy and Fire Insurance. The Contractors All Risk (CAR) and Fire insurance policy shall be obtained for the tender value in the joint names of Punjab & Sind Bank and Contractor from an approved Insurance Company for a Suitable period and the policy will be deposited with of Punjab & Sind Bank . Should this tender be accepted , I/We hereby agree to abide by and fulfil the terms and conditions of the said contract annexed here to so far as they are applicable or in case of default will pay to bank the amount mentioned in the said conditions. I/We agree to abide by this Tender till the Period of completion from the date fixed for receiving the same or agreed extended period and it shall re- main binding upon us and may be accepted at any time before the expiry of the period. Unless and until a formal Agreement is prepared and executed, this tender together with your written acceptance thereof shall constitute a binding contract between us. I/We understand that if our tender is accepted, I/We are to be jointly and severally responsible for the due performance of the Contract.

2. I/We deposited a sum of \_\_\_\_\_ . As earnest money in the form of Demand draft bearing no. \_\_\_\_\_ dated \_\_\_\_\_ of \_\_\_\_\_ drawn in favour of **Punjab & Sind Bank, Zonal office Noida**, which is not to bear any interest . Should I/We fail to execute the contract ( as per banks Performa in non – judicial stamp paper ) when called upon to do so, the EMD may be forfeited by of **Punjab & Sind Bank**. I/We understand that you are not bound to accept the lowest or any Tender you receive.

3. Our Bankers are:-

\_\_\_\_\_  
4. The name of our firm partners are:-

BIDDER:-  
Seal & Signature:-  
Name :-

WITNESS:  
Signature:-  
Name:-



## **DEED OF INDEMNITY**

This Deed of Indemnity executed at Delhi 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 Interior furnishing & Allied works for Balram Nagar, Loni , 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 **Delhi**. 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, 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) \_\_\_\_\_

**AGREEMENT FORMAT**

This agreement made the \_\_\_\_\_day of the month of \_\_\_\_\_in the year 2017 BETWEEN, ----- (Name of the Bank) a body Corporate constituted and functioning under the Banking Companies (Acquisition and Transfer of undertaking Act) 1970 with its Head Office at ....., represented by its duly constituted attorney Sri....., (name and designation), hereinafter referred to as "BANK", which expression shall unless exclude by or repugnant to the context mean and include its successors in interest and assignees , on the one part and (Name of the Contractor), a company registered under Companies Act, 1956/ a firm registered under Partnership Act 1932 having its registered office at ..... represented by its (director) Sri ..... hereinafter referred to as the "SERVICE PROVIDER" on the other part; WHEREAS the Bank having agreed to engage the contractor for execution of Interior Furnishing and Allied Works at Punjab & Sind Bank, Loni Ghaziabad,(UP.) as per the specifications/requirements and the terms and conditions finalized between the contractor and the Bank,

NOW THIS AGREEMENT WITNESSETH as follows:

- 1. In this agreement words and expression shall have the same meanings as are respectively assigned to them in the conditions of contract hereinafter referred to.
- 2. The following documents not inconsistent with these presents shall be deemed to form and be read and construed as part of this agreement viz;
  - i.1 The tender document with all Annexures and Commercial Bids
  - i.2 The Tender, Letter of Acceptance, Letters from & to the Service provider, if any, leading to and prior to acceptance letter.
  - i.3 Scope of work, Term and Conditions of the Tender.
  - i.4 Minutes of pre-bid meeting, if any.
  - i.5 The details submitted in technical bid and such other documents.

In consideration of the payments to be made by the Bank to the contractor, the contractor hereby covenants and agrees with the Bank to render the service in conformity with and subject to all terms and conditions/rules as mentioned in the General Conditions as also in the aforesaid documents which shall form part of this agreement.

In witness whereof the parties hereto have here unto set their respective hands and seals the day and year first above written.

Signed, sealed and delivered by the said service provider, \_\_\_\_\_ to  
..... (Name of the Bank) \_\_\_\_\_ in the presence of:

Signature of Bidder(with seal)

Signature of Authorized representative of the Bank / Accepting Authority.

Witness (Signature, Name & Address ):

- 1).
- 2).

## ANNEXURE A

SNo.	Information regarding	Details to be furnished by the Bidder
1)	Name & Address of the firm	
2)	PAN No.	
3)	Type of organization & year of Incorporation.	
4)	Correspondence address with contact person, name, telephone number, mobile number, E-mail etc.	
5)	Name & details of Directors/Partners/ Proprietor	
6)	Company Profile with year of establishment	
7)	Income Tax No.	.
8)	Names of the Bankers with address	1. 2. 3.
9)	Turnover of the company. Please provide the details for the last 3 years ending March 31, 2020. (Certified copies of audited Balance Sheet and profit & loss account statement to be enclosed ) (in Lacs) (in INR)	2019-2020-Rs. 2018-2019-Rs 2017-2018-Rs.
10)	Details of the work executed by the firm during last 5 Financial years (only those works to be mentioned that qualify the prequalification criteria). Copies of Satisfactory work certificate obtained from employers to be enclosed.	Annexure C to be filled up.

**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.**

**Seal and Signature of the Bidder/s.**

**Date:**

**Place:**

## ANNEXURE B

## SERVICE PROVIDER'S PROFILE

SNo.	Information regarding	Details to be furnished by the Bidder
1.	Name & Address of the firm	
2.	PAN No.	
3.	Type of organization & year of Incorporation.	
4.	Correspondence address with contact person, name, telephone number, mobile number, E-mail etc.	
5.	Name & details of Directors/Partners/ Proprietor	
6.	Company Profile with year of establishment	
7.	Details of offices	
8.	Whether registered with Registrar of Companies, if so, number & date	
9.	Registration with tax authorities (with copies of 3 years IT Returns)	2017-2018-Rs 2018-2019-Rs. 2019-2020-Rs
10.	Income Tax No.	.
11.	GST No	
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, 2020. (Certified copies of audited Balance Sheet and profit & loss account statement to be enclosed )	2017-2018-Rs 2018-2019-Rs. 2019-2020-Rs
14.	Details of the work executed by the firm during last 5 Financial years (only those works to be mentioned that qualify the prequalification criteria). Copies of Satisfactory work certificate obtained from employers to be enclosed.	Annexure C to be filled up.

Signature of the Bidder with Seal

**ANNEXURE C**

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

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

Signature of the Bidder with Seal

**ANNEXURE D**  
**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	Telephone Number/Mobile	Fax/E-mail

Signature of the Bidder with Seal



**ANNEXURE E**

**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

Signature of the Bidder with Seal

**ANNEXURE F**

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

Signature of the Bidder with Seal

**ANNEXURE G**  
**LIST OF EQUIPMENTS & MACHINERIES**

SNo.	Name of Equipment	Description

**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 annexures.
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 pro forma 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.

**Place:**

**Signature of the Bidder:**

**Date:**

**Name and Designation:**

**Seal of the firm:**

SPECIFICATIONS/BRAND NAMES of materials and finished approved by the Architect/Employer are listed below: However equivalent materials and finished of any other specialized firms may be used , In case it is established that the brands specified below are not available in the market are subject to the approval of the alternative brand by the Architect.

S.NO.	ITEM	DESCRIPTION
1.	REINFORCEMENT STEEL	Tata,Sail,Jindal,Rathi
2.	AAC BLOCK	Bilt
3.	CEMENT	ordinary Portland cement 43 grade manufactured by Acc/Binani/Jaypee/ Ultra Tech/Ambuja Pozzolona cement shall not be used.
4.	POLYSULPHIDE SEALANT	Pidiseal by M/S Pidlite INDUSTRIES Ltd., Fosroc, Shalimar
5.	WATER PROOFING COMPOUND	Cico , Fosroc, Dr Fixit,
6.	SHUTTERING PLYWOOD	Indian Green Century.
7.	TOUGHENED GLASS	Trutuf or equivalent
8.	GLASS/LACQUERED GLASS	Modi Float. St. Gobain., Ashai
9.	WIRED GLASS	6 mm thk. Wired glass manufactured by Hindustan Safety Glass Works Ltd. Calcutta, Or Vallabh Glass Works Gujrat./HARYANA SHEET GLASS.
10.	WHITE CEMENT	J.K. White Cement , Birla White Cement
11.	DISTEMPER, PAINT	Enamel, Plastic Emulsion manufactured by Paint and Primer Berger Paints, Asian Paints, Nerolac Shalimar Paint, ICI.
12.	PLASTER OF PARIS	Shriram, Sakarni, Birla,J.K
13.	PUTTY	Asian Paints., JK, Birla
14.	EXPANSION BOLTS FOR FIXING	Dash Fasteners of appropriate size by HILTI OR M/S. Dev Ashish Trades
15.	WINDOW HARDWARE	Hettich, Kaff, Ebco or Approved by Architect.
16.	CERAMIC TILES	Johnson, Somany, Kajaria ,
17.	VINYL FLOOR	Armstrong/ Rikvin , Wonder Floor.
18.	VITRIFIED TILES	Johnson, Somany, Kajaria

19.	GLAZED TILES	Johnson,Somany,Kajaria ,
20.	SPECIAL CERAMIC TILES	Saraswati Ceramics, other approved pottery in Delhi/Khurja or approved by architect
21.	HINGES AND DRAWER SLIDE	Kaff, Hettich, ozone ( telescopic channel for drawer and key board and slide -on hinges for wooden cabinet shutters)
22.	LOCKS, HANDLES	Godrej, Dorset, Dorma, Aspa, or Approved by Architect
23.	DOOR CLOSERS, FLOOR SPRING AND HARDWARE FITTING	Dorma, Dorset, Ozone,
24.	ALUM, TOWER BOLTS,HARDWARE FITTING	Ebco, Everite, Sigma or Eq. Approved By Architect.
25.	MS SCREW	Nettle Fold,Crab
26.	M.S. PIPES (RAILING)	Jindal or Prakash.
27.	FLUSH DOORS	Duro, Century, Greenply, Archid
28.	VENEER	Duro, Century, Green
29.	LAMINATE DECORATIVE LAMINATE	Archid, Greenlam, Century
30.	PLYWOOD, BLOCK BOARD ,	Duro, Century, Green, Archid.
31.	STRUCTURAL STEEL	Sail, Tisco, Jindal.
32.	TEXTURE TILES FOR FALSE CEILINGS / FIBER CEMENT BOARD	Armstrong,Everest Industries Ltd.
33.	WOOD	Teak Wood First Class of CP or Burma
34.	M.S. ALUMINIUM LINEAL CEILING	Interarch, Vista.
35.	VENETIAL BLINDS	Trac, Vista, Mac.
36.	GYPBOARD CEILING	Gypsum India, Lafaarz., St. Gobain
37.	HEAT REFLECTIVE FILM	Garware, 3M,
38.	ADHESIVE	Fevicol SH, Century, Vemicol,Jivanjor
39.	TILE ADHESIVE	Unitile, Roff Chemicals, Kajaria.
40.	MIRROR	Atul, Jolly, Modi Guard
41.	G.I.PIPE AND FITTINGS	Tata, Jindal, Appolo, Unik,
42.	CENTRIFUGALLY CAST (SPUN) IRON SOIL WASTE & VENT PIPE & FITTINGS	JayaswalNeco (Nagpur), C.I.A.L. (Durgapur)
43.	WOOD PRESERVATIVE	Wood Guard or Approved EQ/ICI.
44.	ALUMINIUM COMPOSITE SHEET	Alucobond, Alstone, Eurobond.
45.	ALUMINIUM SECTIONS	Jindal, Indal, Hindalco.
46.	C.I./R.W.P.	Neco, RIF, IIS OR EQ.
47.	C.P BRASS FITTING	Jaguar, Parko ,Parryware

48.	SANITARY WARE	Hindware, Parryware, Jaguar, Hindustan Sanitary Ware,
49.	STAINLESS STEEL SINK	Diamond , Nirali, Jayna, Nilkanth,
50.	SANITARY FITTINGS VISIBLE	Jaguar, Grohe OR Equivalent ISI Make
51.	PVC,U.P.V.C PIPE	Supreme, Prince, Astral, Finolex or Equivalent ISI Make
52.	CI BRASS LA PIPES	Electro Steel, Kesoram or approved
53.	STONE WARE PIPES	Bhaskar, Anand, ISI marked of approved quality
54.	R.C.C PIPES	ISI marked of approved quality
55.	LOFT TANK	Syntax, Uniplus, Ploycom
56.	CI PIPES & WORK	Neco, RIF,SIF,BIS OR Equivalent ISI Make
57.	Anti termite	Thiddan (35 E.C.), Dursban – 20 TC, Trishul
58.	GATE VALVES	Leader, Zoloto
59.	PLASTIC W.C SEAT COVER	Commander, Diplomant
60.	GUN METAL VALVE(FULL WAY CHECK &GLEBE Valves)	Leasde,Sant, Zoloto
61.	C.I VALVE (FULL WAY CHECK & GLEBE VALVES	Kirloskar, Leader, Zoloto
62.	CPVC	Prince, Astral, Finolex , Supreme,
63.	READY MIX CONCRETE	Acc, Ultratech, Rmc India ,Lafarge
64.	ACRYLICSOILDSURFACETHERMOFORMED	Dupont,LG, Avonite
65.	CHAIRS/SOFA	Godrej,Methodex,Featherlite

Signature of the Tenderer/s With the Seal of the Company

Date:

Place:

LIST OF APPROVED MANUFACTURERS FOR DIFFERENT MATERIALS TO BE USED IN THIS PROJECT

(All materials shall be ISI mark)

S. NO.	ITEM	DESCRIPTION
1	MEDIUM VOLTAGE SWITCHGEAR	
a	MOULDED CASE CIRCUIT BREAKER	Schneider / Legrand/ Siemens, L&T Hagar, Havells (MCCB)
b	SWITCH FUSE UNIT	Havells / L & T/ EE/ Crompton / H Helcon
c	HRC FUSE	Havells/ L & T/ EE/ H Helcon
d	CHANGE OVER SWITCH	Havells/ L & T or approved equivalent
2	VRF/VRV AC System	Carrier /Mitsubishi Electric/ Daikin/O General/Blue Star
3	CENTRIFUGAL FANS	Kruger/Nicotra/ Green heck/Air Flow
4	INLINE FANS	Kruger/Nicotra/ Green heck/Air Flow
5	G.I. Sheets	Sail/ Tata/Jindal
6	FACTORY FABRICATED DUCTING	Rolastar/Zeco/Ductofab
7	WELDING ROADS	Advani/L&T
8	DUCT SUPPORTS	Hilti/ walraven/gripple
9	ANCHOR/ FASTENER	Hilti/Fisher/Sterling
10	ALUMINIUM TAPE	Johnson/Birla 3M
11	GRILLS/DIFFUSERS/FIRE DAMPERS / LOUVERS/EXHUST VALVE	Glenstorms/Systemair/Ruskintitus
12	INSULATION/ACOUSTIC LINING FOR DUCTING	Armacell / Urobatex /vidoflex
13	INSULATION FOR REFRIGERENT FOR PIPE	Armacell / Urobatex /vidoflex
14	COPPER REFRIGENT PIPE	Rajco/Mandev/Mahflow
15	UPVC DRAIN PIPE	Supreme/Astrals/Finolex
16	CANVAS CONNECTION	Mapro/Glenstorms/Astar
17	PROPELLER TYPE EXHUST FAN	Kruger/ havells/ Marathan/Orient/Usha/Bajaj
18	MCB/ELCB/DBS/MCCB	Schneider / Legrand/ Siemens, L&T Hagar, Havells
19	ACB	Schneider (MG-NS Series)/ Siemens (3 WT)/ L&T (D-sine)
21	MV CONTRACTORS/TIMER/ STARTERS	L&T/ Siemens/Legrand
22	PROTECTIVE RELAYS	L&T/ Siemens,Alstom,ABB
23	ALL METERS	Enercon/Neptune/ Siemens

24	AMMETER/VOLTMETER	A.E/ Indotech or approved equivalent
25	INDICATION LAMPS/PUSH BUTTON	L&T/ Schneider/Vashino,Concord,Siemens
26	CAPACITOR	L&T/ Siemens/ Neptune
27	TERMINAL BLOCKS	Elmex/Wago/Connect-Well
28	CURRENT TRANSFORMER	AEP/ Kappa/ Inditech
29	SELECTOR SWITCH	Kaycee/L&T/BCH/Areva/ABB
30	BUS BAR	Jindal/ Indalco/ Century
31	LT CABLES/CONTROL CABLE	Skyton/ Finolex/polycab /Gloster all FRLS
32	SWITCH SOCKET/METAL CLAD SOCKET	Legrand , Anchor Roma , Havells as approved by Architect
33	CABLE TRAY	Pilco/ Needo, Slotco, Venus,EraOntrolSystem
34	HUNGS	Dowels or approved equivalent
35	CONNECTORS	ELMEC/Delcity/Waytek
36	CABLE GLAND	Stripwell/ Commet/ Siemens,Gromet,PowerEngg.
37	MV PANEL (TTA)	Siemens Cpan/ ABB R2K/ Schneider Blockset
38	GI CONDUIT	BEC/ AKG/ Steel Craft
39	MOTORS	Siemens/ ABB/ Crompton
40	PVC PIPE	Finolex/ Prince/ Supreme
41	ELECTRICAL PANEL	Krypton/Risha/KEPL, Era Control System /SPT Switchgears /Eva` Engineers
42	G.I PIPE	Tata/Jindal/Bhusan
43	Earth Leakage Circuit	Hager/ Legrand/ Merlin Gerin
44	FIRE ALARM SYSTEM	System Sensor/ Edwards/Appolo/Agni
45	Data Components	AMP/ Systmatics/legrand
46	ANY OTHER ITEMS	Sample to be approved by engineer in- charge
47	ACCESS CONTROL SYSTEM/ CCTV System	Brivo/Honeywell/Dats/Lenel/Tyco/Siemens
48	Door Phone	Panasonic/Zicom/Solus(Secure)
49	Reader	Brivo/HID
50	Smart / Proximity Card	Brivo/HID
51	CAPACITOR BANKS	L&T/ SIEMENS/ALSTOM
52	PVC INSULATED COPPER CONDUCTOR STRANDED CONTROL WIRES OF 1100 V GRADE	Finolex/ Polycab /Havells/ RR Cables all FRLS
53	COPPER LUGS HEAVY DUTY	Dowells
54	MEASURING METERS	Automatic Electric/Kappa/Enercon
55	DIGITAL METERS & KWH METERS	SECURE/L&T/ENERCON
56	PUSH BUTTONS	L & T/Siemen/ABB



57	WIRING CABLE	Finolex / Polycab / Havells / RR Cables all FRLS
58	M.S. CONDUITS AND ASSESSORIES	BEC /AKG /ESC
59	P.V.C. CONDUITS AND ACCESSORIES	BEC/ AKG/ Polypack /ESC
60	LIGHT FIXTURES	Philips/Havells/Wipro
61	DATA , TELEPHONE CABLE	D-Link
62	FAN	Usha/Crompton/Havells/Philips

In the event of the materials of makes called for are not available and alternative makes are approved (by the consultant) for incorporation in the work, the rates quoted shall be suitably amended based on the price variation between the specified makes and alternative makes on the day the alternative makes are accepted.

<b>SUMMERY OF TOTAL BOQ COST OF INTERIOR AND FURNISHING WORK OF BRANCH TO BE DONE AT A-4,BALRAM NAGAR,LONI,GHAZIABAD.</b>		
<b>1</b>	<b>FURNISHING WORK</b>	
<b>2</b>	<b>ELECTRICAL</b>	
<b>3</b>	<b>AIR CONDITIONING WORK</b>	
	<b>GRAND TOTAL</b>	

**Note :-**

- 1 GST not Included in the rates.**

<b>BOQ OF INTERIOR AND FURNISHING WORK FOR BRANCH AT SA-4,BALRAM NAGAR,LONI,GHAZIABAD.</b>					
<b>S. No.</b>	<b>DESCRIPTION OF ITEM</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>RATE</b>	<b>AMOUNT</b>
<b>1</b>	<b>CASH CABIN</b>				
a	Supply and installation of cash counters as per detail drawing in 19mm thk Bwr ply, finished with 1mm thick Laminate of approved make top & front faces up 4'-0"ht. complete in all respect handles 4"high skirting and polishing to exposed surface.Teak wood lipping including drawers, locks and lipping to be provided at every exposed section of board & ply Sliding channels for key board & drawers to be provided at top 3'-0" ht.front 12 mm thk glass erected with border etching fixed with Teak pillars at end including cutting of window for transaction/ between the customer and Cashier or officer. (Refer Architectural Drg.)	R Mt	1.520		
b	Supply & installation of partition wall in cash cabin counter made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor with suitable aluminium angles and fastened with steel screws.Frame size 50 x 50 MM with 9 MM thick BWR Ply finished with 1mm thick Laminate up to 4'.0" ht & then 2'.0'/2'-6" ht 12mm thick glass on top of partition wall fixed with Teak pillars at end.The rates include the doors in between the partition including hardware items like door closures, godrej cylindrical locks etc.complete in all respect. (Refer Architectural drg)	Sq Mt	11.70		
<b>2</b>	<b>PAINT WORK</b>				
a	Providing and applying three coats of pre-approved Plastic acrylic emulsion paint to walls, partitions etc. including surface preparation with two coats of putty, primer and sanding all complete. With the necessary drying periods for each coat. The final finish should be of a uniform and neat finish to the satisfaction of the Architect. Cost to inculde for all heights and surfaces , complete in all respect (Low VOC contain paint) Make: ICI DULUX ,Asian Paints.	SQ MT	170.00		

b	Providing and applying plaster of paris (super fine quality) punning with minimum thickness of 6mm and finish the surface smooth in line and also making groove, level to the entire satisfaction of Architect including scraping and hacking the existing finished surfaces, scaffolding etc. complete in all respect	Sq Mts	55.00		
c	Painting two coats of enamel paint (Asian/BERGER ) including scrubbing, sand paper, making base applying primer etc complete in all respect in , grills etc.complete in all respect	Sq Mts	30.00		
3	<b>False Ceiling:-</b> (Measurement shall be taken of the plan area only) Suspending system and frame work shall match to compliment the layout of A.C. Ducts / grills, electrical / fire protection wiring / fixtures, Return /supply Air grills etc. Rate to include provision of extra frame work needed due to layout referred above and fixtures etc. Rates to include necessary scaffolding.				
a	<b>Gypsum Board False ceiling :-</b> Providing & fixing Gypsum Board False ceiling with Saint Gobain "ULTRA" Main ceiling sections at 1200 c/c & Cross members at 450 c/c. The grid work to be suspended from ceiling with Hangers at every 1200 c/c both directions, as per manufacturer's specifications. False ceiling is finished with 12.5 mm thk. to be screwed to the frame. The board is finished with filling the tapered edges of the board with jointing compound and finishing with PAPER tape of INDIA GYPSUM. The ceiling is finished with acrylic Emulsion Paint including base as per approved manufacturer. The item includes all necessary cut outs for electrical / air conditioning grills and necessary frame work for them. Item includes Coves, curves, drops etc. (Only Plan area is considered for area calculations)	Sq Mts	65.00		

b	<p><b>ARMSTRONG CEILING</b> :- Providing &amp; Fixing of Armstrong Mineral Fibre Suspended Ceiling System with <b>Dune RH 99</b> (Bevelled Tegular) Edge Tiles with Armstrong 15mm exposed GRID. Size-600x600x16 mm.</p> <p>The tiles should have Humidity Resistance (RH) of 99%, NRC 0.5,Light Reflectance 83%, Thermal Conductivity k = 0.052 - 0.057 w/m K, Colour White, Fire Performance UK Class 0/Class 1 (BS 476 Part 6 &amp; 7), in module size of 600x600 x 16mm with Anti Microbial coating on the face of the tile, suitable for Green Building application,with Recycled content of 39%.</p> <p>The tile shall be laid on Armstrong Suprafine XL 38 with 15MM wide T - section flanges colour white having rotary stitching on all T sections i.e. the Main Runner &amp; 1200 mm Cross Tees with a web height of 38mm and a load carrying capacity of 14Kgs/M2 &amp; minimum pull out strength of 100Kgs. . The T Sections have a Galvanizing of 90 grams per M2 and need to be installed with Suspension system of Armstrong make.</p> <p><b>INSTALLATION:</b> To comprise main runner spaced at 1200mm centres securely fixed to the structural soffit using Armstrong suspension system (specifications below) at 1200mm maximum centre. The First/Last Armstrong suspension system at the end of each main runner should not be greater than 450mm from the adjacent wall</p>				
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	<p>Flush fitting 1200mm long cross tees to be interlocked between main runners at 600mm centre to form 1200 x 600 mm module. Cut cross tees longer than 600mm require independent support. 600x600mm module to be formed by fitting 600mm long flush fitting cross tees centrally between the 1200mm cross tees. Perimeter trim to be Armstrong wall angles of size 3000x19x19mm, secured to walls at 450 mm maximum centres. Installation to be carried out by Armstrong Trained Installation team &amp; Installation should be carried out as per Armstrong recommended procedure.</p> <p><b>ARMSTRONG SUSPENSION SYSTEM</b> accessories manufactured and supplied by Armstrong World Industries consisting of M6 Anchor Fasteners with Vertical Hangers made of Galvanised steel of size 26 x 26 x 25 x 1.2mm with a Galvanised Thickness of 80gsm, A pre tightened Hanger wire of dia – 2.5 mm of 1.8 m length., thickness of 80gsm and a tensile strength of 344-413 MPa, along with Adjustable hook clips of 0.8mm thick, galvanised spring steel for 2.68 mm with a minimum pull strength of 110 kg. The adjustable clip also consists of a 3.5 mm aquiline wire to be used with the main runner.</p>				
	<b>ARMSTRONG “DUNE RH 99</b> (Bevelled Tegular) EDGE TILES WITH ARMSTRONG 15mm Exposed” SYSTEM	Sq Mts	45.00		
4	<b>LOW HEIGHT PARTITION</b>				
	<p>Providing and Fixing of low height wooden partition (up to 4'-0" height) made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor with suitable aluminium angles and fastened with steel screws.Frame size 50 x 50 MM with 9 MM thick BWR Ply finished with 1mm thk Laminate as per approved colour,design, shape and size,including on top Teak wood lipping 6mm thk as required to be provided at every exposed section of ply including Anti Termite Treatment complete in all respect and satisfaction,instructed by Architect/Engg.(Wicket door Included complete in all respect)</p>	Sq Mts	2.90		
5	<b>FULL HEIGHT WOODEN GLAZED PARTITION</b>				

	Providing and Fixing of full height wooden glazed partition made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor & ceiling with suitable aluminium angles and fastened with steel screws.Frame size 50 x 50 MM with 9 MM thick BWR Ply with 1mm thk. Laminate in approved colour,design, shape and size, & 12mm thick toughned glass panel fixed upto 8'-0"ht. including all exposed surface with teak lipping 6mm thk as required and instructed by Architect and teak wood door frame in between the partition. including Anti Termite Treatment.Complete in all respect and satisfacation of Architect/Engg.	Sq Mts	9.00		
6	Providing & fixing 12mm toughened fixed glass partition upto the false ceiling height. The glass fixed with S.S channel inserted in floor and fixed to wooden member in the false ceiling. The size of glass to be bigger in width. The edges of glass to be polished and if joints are needed the joints to be filed with matching silicon complete.	Sq Mts	9.00		
7	<b>FULL HEIGHT SOILD PARTITION</b>				
	Providing and Fixing of full height wooden partition made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor & ceiling with suitable aluminium angles and fastened with steel screws.Frame size 50 x 50 MM with 9 MM thick BWR Ply with 1mm thk. Laminate in approved colour,design, shape and size, including all exposed surface with teak lipping 6mm thk as required and instructed by Architect and teak wood door frame in between the partition. including Anti Termite Treatment.Complete in all respect and satisfacation of Architect/Engg.	Sq Mts	18.00		
8	<b>DOORS</b>				

a	Providing and fixing frame less patch fitting Single and double door with 12mm thick toughened (As per approved design & name/logo) with frame less glass fittings & two way floor springs (DORSET, OZONE or equivalent make). The item includes providing and fixing S.S. handle 450 mm long on both side of glass, locks and fittings as per the manufacturer's specifications. complete to the satisfaction of Architect/ Bank's Engg	Sq Mts	3.80		
b	Providing and fixing 35 mm Flush doors with 1.0 mm thk. laminate on both sides as per design. Edges of door to have 6mm thick Teakwood lipping. The item includes Providing and fixing chaukhats made from 75mm x 40mm TEAK wood members. Item includes all following items / finishes: hardware such as 4 nos. 125mm SS hinges, SS tower bolts,Door Closer,Mortise Locks with SS handles (Hettich, Dorset, Godrej). Item includes polishing all wooden surfaces with Deco paint Rubbing poilishing etc including preparing base. Size of Door: 1000 x2400mm including Chaukhats.	Sq.Mts	3.90		
c	Wicket Gate: providing & fixing Wicket Gate made out of 18/19mm BWR plywood laminated with 1mm lamination of approved shade on both sides with all necessary hardware such as hinges, tower bolt etc., complete. The edges shall be finished with wood beading polished.	Sq.Mts	1.20		
9	<b>PANELLING BRANCH</b>				
	Providing and Fixing of wooden Panelling of wall on hall and column made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor & ceiling with suitable aluminium angles and fastened with steel screws.Frame size 25 x 50 MM with 9 MM thick BWR Ply with 1mm thk. Laminate in approved colour,design, shape and size, including Anti Termite Treatment.Complete in all respect and satisfacation of Architect/Engg.	Sq Mts.	48.00		
10	<b>SOFT BOARD</b>				
	Providing and fixing of soft board with cloth (approved by Architect) on low ht partition/wall , including fixing, hardware/adhesives complete in all respect.(Basic rate of cloth to be Rs 200/Sq.mt)	Sq Mts	1.50		



11	Providing & fixing 12mm toughened fixed glass divider on table between low height partition upto the Low height partition. The glass fixed with S.S channel inserted in partitio and fixed to wooden member in the wall and partition. The edges of glass to be polished. cash desk window required.	Sq Mts	1.00		
12	<b>Storage</b>				
a	Providing and fixing Storage cabinet 380 mm deep and 750/1200 mm high length as/deign as shown in details with top all sides, shelves to be 18-19 mm thk. BWR ply with 6mm BWR ply to be fixed at the back finished with 1 mm laminate. The shutters/sides/top to be 18-19mm BWR ply,finished with 1mm thk laminate. All internal surfaces to be finished with white Paint. All edges of sides, shelves and shutters to have 2mm PVC Edge binding tape as per details, complete including S.S. long handles, self closing hinges, locks, etc. complete to the satisfaction of Architect /Bank's Engg. (Only front elevation to be considered for area calculation)	Sq Mts	11.00		
b	Providing and fixing Storage cabinet 450mm deep and 2100 mm high length as/deign as shown in details with top all sides, shelves to be 18-19 mm thk. BWR ply with 6mm BWR ply to be fixed at the back finished with 1 mm laminate. The shutters/sides/top to be 18-19mm BWR ply,finished with 1mm thk laminate. All internal surfaces to be finished with white Paint. All edges of sides, shelves and shutters to have 2mm PVC Edge binding tape as per details, complete including S.S. long handles, self closing hinges, locks, etc. complete to the satisfaction of Architect /Bank's Engg. (Only front elevation to be considered for area calculation)	Sq Mts	3.50		
c	Providing and fixing storage cabinet (below platform) in pantry The Front frame and shutters inculding partition to be 18-19mm BWR ply, with 1.0 mm laminate. All edges of shutters to have 2mm PVC Edge binding tape as per details, complete including S.S. long handles, self closing hinges, locks, etc. complete to the satisfaction of Architect /Bank's Engg. Only front elevation to be considered for area calculation.	Sq.mt	1.30		

13	<p><b>Manager table</b> to have 18-19 BWR Ply , finished with 1mm thk Laminate all edges of table and front or side. All internal surface of table to be finished with white paint..Drawer unit to be made from only FASCIA 19mm BWR ply but the inner drawers made from 12mm Bwr Ply.and 19mm BWR ply FASCIA finished with 1mm thk Laminate .The drawers to run on telescopic drawer channels (Hettich, Kaff, ozone). Drawer units to have two smaller and one bigger drawers.and locking arrangement (Godrej/ Hettich/ Dorset). Inculding Teak lipping 6mm thk as required to be provided at every section of ply.Footrest of 75x50mm 2nd class teakwood member to be fixed for each table with Deco paint on expoed teak wood surface /lipping, the rate to include all hardware such as drawer channels, S.S handles, single lock for three drawers etc. The item also includes a key-board tray running on telescopic channel, made from 19mm BWR Ply finished with 1 mm laminate on top and teakwood round moulding in front (size of key board 560x450) readymade CPU trolley with castors etc <b>The table size is taken to be 1800mm wide x 900mm depth x750mm height.(As per drawing)</b></p>	Nos	1.00		
14	<p>Providing and fixing <b>Side Credenza/ table</b> made from 19mm BWR Ply for sides, shelves, top and shutters. The table exposed areas front,top and sides to be finished in 1mm thk Laminate All internal surface of table to be finished with white paint, all edges of table Inculding Teak lipping 6mm thk as required to be provided at every section of ply.complete with base as required. Item includes all hardware such as Self closing hinges, SS handles, Locks etc. complete. Rest of specifications to be same as for main furniture. <b>size of side table 900 x380 x 675.</b></p>	Nos	1.00		

15	<b>Officer table</b> in Credit dept. to have 18-19 BWR Ply , finished with 1mm thk Laminate all edges of table and front or side. All internal surface of table to be finished with white paint..Drawer unit to be made from only FASCIA 19mm BWR ply but the inner drawers made from 12mm Bwr Ply.and 19mm BWR ply FASCIA finished with 1mm thk Laminate .The drawers to run on telescopic drawer channels (Hettich, Kaff, ozone). Drawer units to have two smaller and one bigger drawers.and locking arrangement (Godrej/ Hettich/ Dorset). Inculding Teak lipping 6mm thk as required to be provided at every section of ply.Footrest of 75x50mm 2nd class teakwood member to be fixed for each table with Deco paint on expoed teak wood surface /lipping, the rate to include all hardware such as drawer channels, S.S handles, single lock for three drawers etc. The item also includes a key-board tray running on telescopic channel, made from 19mm BWR Ply finished with 1 mm laminate on top and teakwood round moulding in front (size of key board 560x450) readymade CPU trolley with castors etc <b>The table size is taken to be 1200 mm wide x 600 mm depth x750mm height.(As per drawing)</b>	Nos	4.00		
16	Providing & fixing writing table (as/design) with size - 450mmx 600mm made out of 19mm th water proof Bwr ply finished with 1mm thk.laminate.	nos	1.00		
17	Providing & fixing in position Cheque drop box (as/design) with hinged shutter of size - 450mmx600mmx300mm made out of 19mm th water proof Bwr Ply finished with 1mm thk laminate. The hinged shutter shall be made out of teak wood frame workwith 6mm th. Float glass	Nos	1.00		
18	Providing and making cantilever ledge rested on two nos. cheque drop box at 3'6" height of size 5'x1.5' in curve shape at vertical & horizontal junctions using 6mm flexible ply finished with high gloss laminates of matching shade laminates.	Sq Mts	1.90		
19	Providing and fixing <b>notice boards</b> with 19mm BWR Ply sides finished with 1.0 mm thk. Laminate finish and 8mm clear glass Shutters fixed on pivots. The back to have 6mm thk BWR Ply and 12mm soft board covered with cloth of approved shade. Item includes all hardware such as push catcher, lock for glass shutters etc complete including polishing the teak surfaces (Size 1200x600 & 150 deep) .	Nos	1.00		

20	Providing & fixing in position complaint /suggestion box (as/design) with hinged shutter of size - 450mmx 600mm made out of 19mm th water proof Bwr Ply Finished with 1mm th laminate. The hinged shutter shall be made out of teak wood frame work with 4mm th. Float glass.	Nos	1.00		
21	Providing and making cantilever ledge rested on two nos. cheque drop box at 3'6" height of size3"x1.5' in curve shape at vertical & horizontal junctions using 6mm flexible ply finished with high gloss laminates of matching shade laminates.	sq.mt.	1.50		
22	Providing and fixing of 3M film <b>CRYSTAL as per design</b>	Sq Mts	3.00		
23	Providing and fixing vertical blinds of approved shade and texture (Vista/Hunter douglas)	Sq Mts	5.00		
24	Shifting /Removing of Existing Furniture,Cash counter and tables to bank store as per bank's instruction includes all Labour.	Job	1.00		
	<b>ROLLING SHUTTER BOXING</b>				
25	Supply and installation of boxing of rolling shutter with 4mm ACP Sheet consisting of 3mm tk FRgrade mineral core Sandwiched between two aluminium sheets (.5mm thick) with 25 x 25 mm aluminium tube at spacing 600 x 600 of approved make.	Sq Mts	4.50		
26	providing and making of ventilator of existing toilet back wall.Dismantling of wall and making vantilator 0.Including MS heavy vantilator grill complete all respect.	Nos	2.00		
27	P/L 12 mm thick plaster of cement mortar 1:4 (1cement: 4 sand)	Sq Mts	40.00		
28	Providing & Constructing brick work of New wall for using selected 1st class good quality burnt clay FPS bricks of class designation 75 in cement mortar 1:5(1 cement : 5 c. sand) at all heights and level incuding.cutting,chamfering scaffolding,curing complete in all respect as pr specification and as directed by architect/Engineer in charge.	Cu Mts	1.50		
29	Wall Tiles in Bathroom with Designer tiles of kajaria/johnson ( Base Rate of Tile s Rs 50)	Sq Mts	23.00		
30	Ceramic Flooring Tiles in bathroom with Designer tiles of kajaria/johnson ( Base Rate of Tile s Rs 50)	Sq Mts	6.50		
31	Dismantling of existing brick wall complete repairing plaster.	Sq Mts	28.00		
32	Shifting and removing of existing furniture,tables, chairs Complete in all respects	JOB	1.00		
	<b>Total of Furnshing</b>				
	<b>PLUMBING</b>				

1	Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings:				
a)	wash basin of size 610x500mm. Parryware Code C8418	Nos	1.00		
2	Providing and fixing white vitreous china flat back or wall front urinal basin of Parryware Model Code C0575 with Automatic Flushing retrofit EFS model No DC-C8087.	Nos	1.00		
3	Providing and fixing P.V.C. waste pipe for wash basin including P.V.C. waste fittings complete.				
a)	32 mm dia	Nos	2.00		
b)	40mm dia	Nos	1.00		
4	Providing and fixing brass bib cock of approved quality: (Jaquar Model Florentine)				
a)	15 mm nominal bore	Nos	4.00		
5	Angle Cock Jaquar Florentine	Nos	5.00		
6	Master stop cock Jaquar/ Hindware/Grohe make, heavy duty	Nos	4.00		
7	Jet in commodes	Nos	2.00		
8	Washbasin Mixer Jaquar Florentine	Nos	1.00		
9	Soap Dish/Tooth Brush Holder etc	Nos	2.00		
10	Taps Long Body Jaquar Florentine	Each	2.00		
11	PVC Pipe				
a)	75 mm diameter:	Metre	7.00		
b)	100 mm diameter:	metre	10.00		
c)	150 mm diameter:	metre	5.00		
12	Providing and fixing plain bend of required degree.				
a)	100 mm	Each	4.00		
b)	75 mm	Each	4.00		
13	Providing and fixing single equal plain junction of required degree:				
a)	100x100x100mm	Each	1.00		
b)	75x75x75 mm	Each	1.00		
14	Providing and fixing double unequal plain junction of required degree:				
a)	100x100x75 mm	Each	2.00		
15	Providing and fixing cpvc. pipes complete with cpvc fittings and clamps, including cutting and making good the walls etc.				
	Internal work — Exposed on wall.				
a)	15 mm dia. nominal bore	metre	20.00		
b)	20 mm dia. nominal bore	metre	15.00		
	<b>Total of Plumbing</b>				
	<b>Grand total Furnishing &amp; Plumbing Work</b>				

**BOQ OF ELECTRICAL WORK FOR BRANCH AT A-4,BALRAM NAGAR,LONI,GHAZIABAD.**

S.No.	DESCRIPTION				AMOUNT
A)	MV PANEL BOARDS				
B)	MV CABLES				
C)	DISTRIBUTION BOARDS				
D)	POINT WIRING				
E)	TELEPHONE SYSTEM				
F)	COMPUTER DATA NETWORKING				
G)	SUPPLY & INSTALLATION FANS FIXTURES & LIGHTS				
H)	EARTHING				
I)	FIRE FIGHTING				
J)	DISMANTALLING & REFIXING				
	<b>TOTAL</b>				
	<b>PREAMBLE TO BOQ</b>				
1.0	The work shall be executed as per relevant specification and drawings.				
2.0	All material and equipment shall be as per specification and as per approved makes of material. Where specifications are not available the material shall be as per Indian standard specifications. The quantities and capacities of the equipments shall meet the requirement for successful completion of the work.				
3.0	The installation and testing shall also be as per specifications and as per direction and satisfaction of Engineer in charge.				
4.0	Contractor shall submit the shop drawings for approval by consultants / Engineer in charge. The work shall be carried out as per the approved shop drawings.				
5.0	Panels shall be fabricated as per specifications after approval of fabrication drawings by consultant / Engineer incharge.				
6.0	All Electrical panel must have provision of potential free contacts for BMS/FAS.				
7.0	All Electrical panel must have digital type energy meter with RS 485 port.				
8.0	The rates of all the items of the BOQ shall include the cost of :-				
i)	All materials, fixing hardware, accessories, tools and plants, freight, insurance, labour, taxes, duties, testing commissioning and of the work, as per specifications and drawings.				
ii)	Wastage on material and labour.				
iii)	Loading, unloading, handling charges, hoisting the material to all upper levels.				
iv)	Execute the work as per specifications and drawings to the full satisfaction of engineer incharge.				
v)	All liabilities, obligations and risks arising out of conditions of contract.				
vi)	All requirements for successful completion of the work whether mentioned in BOQ, specifications and drawings or not.				
vii)	In the event of conflict between BOQ, specifications and drawings, the most stringent shall apply. The decision of Architect / Engineer incharge / Consultant shall be final and binding.				
9.0	The quantities of the items in the BOQ are for general guidance only based on the consultants drawings and documents. The contractor shall be paid for actual quantities as per schedule rates.				
10.0	Contractor shall visit the site before quoting the rates and satisfying himself about the working conditions. Since this is a tall building, hoisting the material to upper levels may be taken into account while quoting the rates. No extra claim on this account shall be entertained.				
11.0	Approval of all makes of material to be supplied out of approved list, shall be obtained by the contractor. Sample of the material shall be kept at site to check with the material actually installed at site.				
12.0	Engineer in charge may get the material tested at authorized labs. In case material is found under specifications as per IS, same shall be replaced by the contractor. The test fee for 1 <sup>st</sup> test shall be borne by the client but for subsequent test, fee due to failure of first sample, would be borne by the contractor.				

13.0	Testing and commissioning shall be carried out as per IS 732-1989 for the installation. The record of test results shall be maintained and submitted to the engineer in charge who would check the same at random.				
14.0	The tender shall be filled in ink and any cutting / overwriting shall be attested by the tenderer. Rates shall be quoted both in figures and words. If there is discrepancy between the rates in figures and words, then rates in words shall be final.				
15.0	Totalling errors or missing amounts shall be corrected and incorporated in tendered amount.				
16.0	Continuous earth wire shall run alongwith circuit wiring and point wiring. All switch boxes and fixtures shall be earthed. Only solid conductor earth wire shall be used for earthing.				
17.0	Where only conduits are laid for other services 16 SWG steel wire shall run in the conduit for pulling the wires at later date, by other agencies.				
18.0	Tenderer may note that there are lot of RCC walls in which conduits and outlet boxes switch boxes are to be provided. Costing of such walls shall be done with mixer shutterings. Conduits and boxes shall be laid before pouring the concrete. The outlet boxes, J.boxes, switch boxes shall be touch welded to the reinforcement before concreting. Only deep metallic J.boxes shall be used with PVC conduit as well.				
19.0	All connections shall be through, aluminium ferrules for aluminum conductors and copper ferrules for copper conductor cables.				
20.0	Earth wire with point wiring, circuit wiring, shall be of green colour with solid conductor.				
21.0	DBs shall be circuit numbered.				
22.0	As built drawing shall be prepared by the contractor after successful completion of the work these drawings shall incorporate the actual layouts, routes of cables and conduits with sizes, locations of outlets, DBS switch rooms panel, Tag blocks EPABX, Switches servers, fire detectors, zonal and main fire panels, location of CCTV cameras, monitors, etc. sets of blue prints of switch drawings shall be submitted to the Engineer incharge for verification with actual layout at site and for record.				
<b>S.No.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>RATE</b>	<b>AMOUNT</b>
<b>A)</b>	<b>MV PANEL BOARDS</b>				
	Design, fabrication, loading, unloading at store, installaton, testing & commissioning as directed by Engineer-in-Charge, of LT Panels fabricated out of 2mm thick for structural members (Load bearing members) and 1.6mm thick for door and covers (Non load bearing members) CRCA sheet in cubicle compartmentalize free standing floor mounted, dust and vermin proof with reinforcement of suitable size angle iron, channel 'T' irons and / or flats wherever necessary, 16 gauge CRCA sheet steel shall be used for final distribution panels. Cable gland plates shall be provided on top as well as at the bottom of the panels. Panels shall be treated with all anticorrosive process before painting as per specifications with 2 coats of zinc chromate primer and final approved shade of enamelled paint. 2 Nos. earthing terminals shall be provided for all distribution panels. Panels shall be suitable for 415V, 3-phase, 4-wire, 50Hz supply system and with 15% spare space, lifting hooks shall also be provided in case of large panels. Panel must be BMS/FAS Compatible.				
	Approval shall be taken for each panel before fabrication. Galvanized hardwares with zinc passivation shall be used in fabrication of panels.				
	<b>General Notes:</b>				
1.0	<b>MCCB:</b>				
	MCCBs shall be used with Thermal Magnetic Based releases upto 250A and microprocessor based Over Load, Short Circuit / Earth Fault release.				
2.0	Breaking capacity mentioned is lcs value.				
3.0	This BOQ to be read in conjunction with technical specifications and Single Line Diagram (attached for reference). If any discrepancy occurs that should be brought to the notice of Client/Consultant before quoting the price otherwise stringent condition will be deemed to have been considered.				

4.0	All MCCBs shall be provided with rotary operating handle and ON/OFF lamps.				
5.0	All meters shall be digital type (unless otherwise specified) with RS 485 Port.				
6.0	All Incoming and outgoing breaker must have provision of Potential free contacts for BMS/FAS.				
7.0	All MCBs shall be motor duty type.				
8.0	All current/voltage transformer shall be cast resin type.				
9.0	All indicating lamps shall be LED type.				
10.0	Current density for Al. bus bars shall not be more than 0.8A/Sqmm. Rating of Bus bar is after considering all derating factors. (Bus bar sizing calculation to be submitted for approval.)				
11.0	All internal control wiring shall be heat resistant type.				
12.0	All TP feeders shall be provided with Isolable neutral link.				
13.0	Bus bar chamber & cable entry both shall be provided at top only.				
14.0	All feeders shall be provided with door interlocked with door defeat, pad lock facility.				
15.0	Live parts shall not be accessible after opening the door, Transparent acrylic sheet to be provided to cover the same.				
16.0	Spare contacts of MCCBs / Relay / Contactor shall be wired upto terminal block.				
17.0	20% spare control terminal to be provided.				
18.0	All incoming/outgoing cables shall be terminated on links/terminals.				
<b>1.0</b>	<b>MV PANEL</b>				
	(Loc. :- Panel Room )				
<b>I.</b>	<b>INCOMING</b>				
a)	1 No-125 Amp,25KA,4P MCCB				
<b>II.</b>	<b>METERING &amp; INDICATION SEB</b>				
a)	CT for metering 120/5A Class-1, 15VA - 3 Nos.				
b)	Multifunction Meter-1 no.				
c)	Red, Yellow & Blue indicating lights with control MCB of 2A - 1 Set				
<b>III</b>	<b>OUTGOING</b>				
a)	63 A TPN MCB (10KA) - 2 No.				
b)	40A TPN MCB (10KA) -'1 Nos.				
c)	25A DP MCB (10KA) -1 Nos	Nos	1		
d)	g) 4 Pole ELCB/RCCB 100 M Amp , 1 Nos of Siemens/ L&T/Sneider Including all accessories neutral links etc all complete including dressing				
	<b>TOTAL CARRIED OVER TO SUMMARY</b>				<b>( A )</b>
<b>B)</b>	<b>MV CABLES</b>				
<b>1</b>	Supplying, Laying, testing & commissioning of the following sizes of XLPE Al. Conductor armoured cables of 1.1KV grade on the surface of wall or on existing cable trays complete with hangers, properclamps fixing hardware etc. as required				
a)	4 C x 25 Sq. mm Al. Cable	R/mt	20		
b)	4 x 10 sqmm Copper Wire with 50 mm conduit	R/mt	15		
c)	4 x 6 sqmm Copper Wire with 25 mm conduit	R/mt	10		
<b>2</b>	Suppling, making, testing & commissioning of end termination with brass mettalic double compression glands suitable for the following sizes of XLPE Al. conductor armoured cables including proper sizes of copper thimbles etc. as required.				
a)	4 C x 25 Sq. mm Al. Cable	Nos	4		
b)	4 x 10 sqmm Copper Wire	Nos	4		
c)	4 x 6 sqmm Copper Wire	Nos	4		
	<b>TOTAL CARRIED OVER TO SUMMARY</b>				<b>( B )</b>
<b>C)</b>	<b>DISTRIBUTION BOARDS</b>				



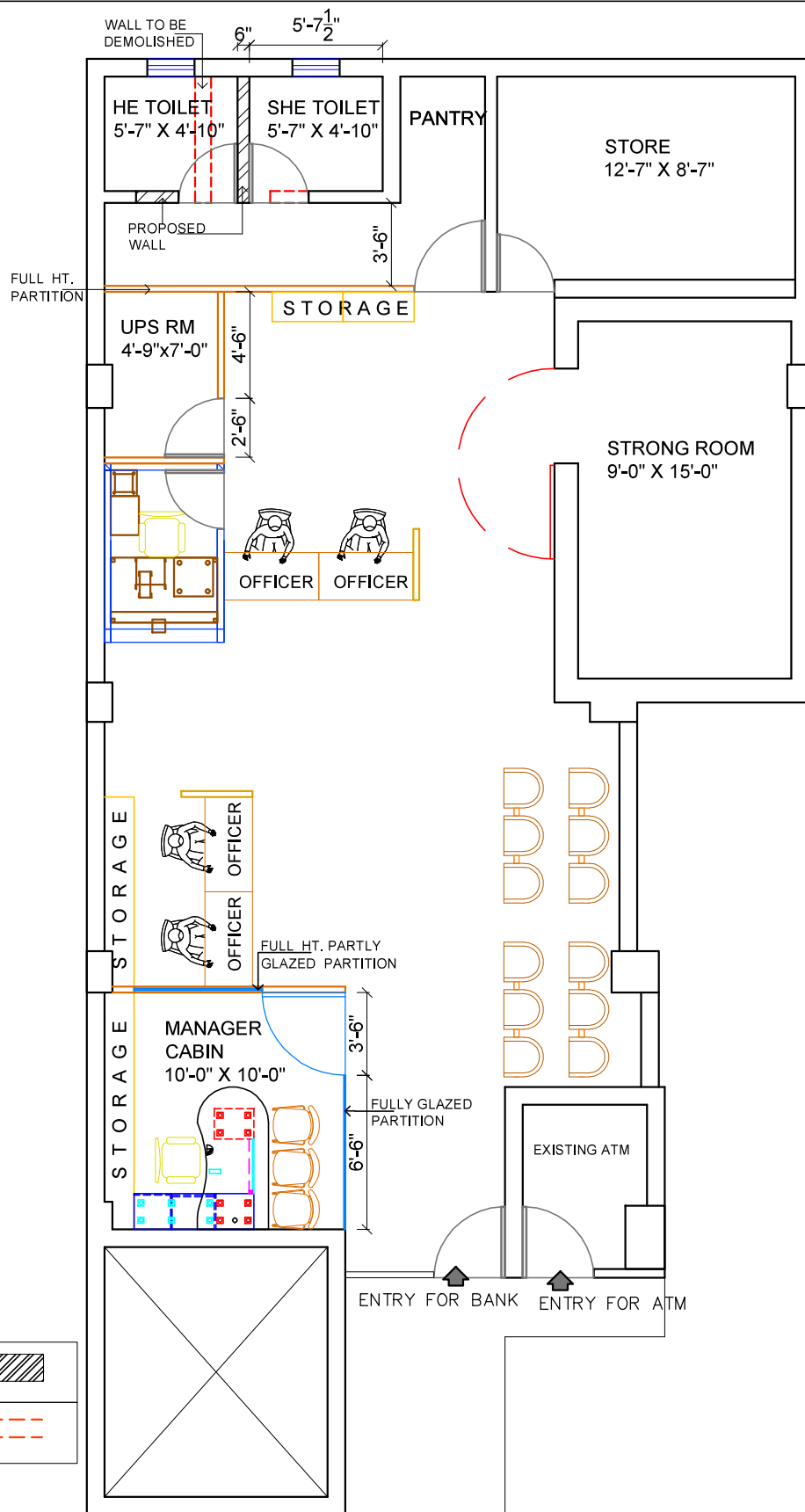
	Supplying, installation, testing & commissioning of following type wall mounted Horizontal TPN/SPN distribution board of double door type design made out of 16 gauge MS sheet with supplying and fixing following accessories including painting, interconnections, painting, earthing and labeling etc. as required.				
<b>1.0</b>	<b>4 WAY TPN DB (PDB)</b>				
	Incoming				
a)	63Amp TPN MCB (10KA) - 1 No				
	63Amp DP RCCB (30mA) - 3 Nos				
	Busbars				
b)	100 Amp TPN copper busbars - 1 Set				
	Outgoing				
c)	10/16/20/25 Amp SP MCB (10KA) - 12 Nos	Set	1		
	Neutral links - 3 Nos (Separate for each phase)				
<b>2.0</b>	<b>4 WAY TPN DB (LDB)</b>				
	Incoming				
a)	40Amp TPN MCB (10KA) - 1 No				
	40Amp DP RCCB (30mA) - 3 Nos				
	Busbars				
b)	100 Amp TPN copper busbars - 1 Set				
	Outgoing				
c)	10/16/20/25 Amp SP MCB (10KA) - 12 Nos	Set	1		
	Neutral links - 3 Nos (Separate for each phase)				
<b>3.0</b>	<b>4 WAY TPN DB (UPS)</b>				
	Incoming				
a)	40Amp TPN MCB (10KA) - 1 No				
b)	40Amp DP RCCB (30mA) - 3 Nos				
	Busbars				
c)	100 Amp TPN copper busbars - 1 Set				
	Outgoing				
a)	10/16/20/25 Amp SP MCB (10KA) - 12 Nos				
b)	Neutral links - 3 Nos (Separate for each phase)	Set	1		
	(Separate for each phase)				
<b>4.0</b>	<b>63 Amp. 4 P ,25ka MCB with Box for UPS</b>	Set	1		
	<b>TOTAL CARRIED OVER TO SUMMARY</b>				<b>( C )</b>
<b>D)</b>	<b>POINT WIRING</b>				
1.0	Wiring for switch controlled Light Point with 3 x 1.5 Sq. mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in PVC surface/recessed conduit with accessories including cost of providing saddles etc for surface conduit and/or cost of cutting and filling chases for recessed conduit and including the cost of supplying and fixing a 6 Amp 240 Volt grid plate mounted switch with moulded cover plate in zinc chromate passivated MS box, and costing circuit wiring with 3 x 2.5sq. mm 1100 volt grade PVC insulated FRLS Multistrand copper conductor wires, inPVC conduit complete as per specifications and as required.				
(i)	Primary Point	Points	20		
(ii)	Secondary Point	Points	10		
2a	Wiring for 5 pin 6 A Light plug point with 3 x 1.5 Sq.mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in <b>recessed/surface FRLS PVC conduit</b> with accessories including cost of providing saddles etc for surface conduit and/or cost of cutting & filling chases for recessed conduit, including the cost of providing & fixing 1 No. Modular type 3 pin 6 A socket outlet controlled by 6 A switch in zinc chromate passivated MS box, and circuit wiring with 3 x 2.5 sq mm complete as per specifications and as required.	Points	5		

b	Wiring for 3 nos. 5 pin 6 A Light plug point controlled by 6 A Switch with 3 x 2.5 Sq.mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in <b>recessed/surface PVC conduit</b> with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting & filling chases for recessed conduiting, including the cost of providing & fixing 1 No. Modular type 3nos.5 pin 6 A socket outlet controlled by 6 A switch in zinc chromate passivated MS box, and circuit wiring with 3 x 2.5 sq mm complete as per specifications and as required.	Points	8		
3.0	Wiring for following. 6 pin 6/16 A Power plug point controlled by 1 No. 16A Switch with 3 x 4.0 Sq. mm PVC insulated FRLS multi strand copper conductor 1100 Volt grade wires in recessed/surfacePVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting chases for recessed conduiting, including the cost of providing & fixing 1 No. Modular type 6 pin 16 A socket outlet controlled by 1 No. 16 A switch in zinc chromate passivated MS box, complete as per specification and as required.	Points	7		
4.0	Wiring for ceiling/wall fan Point with 3 x 1.5 Sq. mm PVC insulated FRLS multi strand copper conductor 1100 Volt grade wires in surface / recessed, PVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting and filling chases for recessed conduiting and including the cost of supplying and fixing a 6 Amp 240 Volt grid plate mounted switch & 300W electronic regulator with moulded cover plate in zinc chromate passivated MS box, and including the cost of circuit wiring with 3 x 2.5sq. mm 1100 volt grade PVC insulated FRLS multi strand copper conductor wire, inPVC conduit complete as per specifications and as required.	Points	8		
5.0	Wiring for exhaust fan Point with 3 x 1.5 Sq. mm PVC insulated FRLS multi strand copper conductor 1100 Volt grade wires in surface / recessed PVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting and filling chases for recessed conduiting and including the cost of supplying and fixing a 6 Amp 240 Volt grid plate mounted switch with moulded cover plate in zinc chromate passivated MS box, and including the cost of circuit wiring with 3 x 2.5sq. mm 1100 volt grade PVC insulated FRLS multi strand copper conductor wire, inPVC donduit complete as per specifications and as required.	NOS	2		
6.0	Wiring for 20A Single Phase metal clad socket outlet with 2 x 4 +1 x 2.5 sqmm PVC insulated FRLS multistrand copper wire of 1100 volt grade in surface / recessed PVC conduit pipe with accessories including supply and fixing 20A 3pin metal clad plug and socket and 20A SP MCB (MD) in IP 44 Poly carbonate box complete as per specification and as required.	Points	5		
7.0	Providing and fixing of following sizes of <b>PVC Flexible Conduits</b> suitable for various applications, halogen free, oil and petrol resistant, flame retardant, self extiguishing, high compressive strength and good wearing properties along with connectors complete with conduit gland & all accessories required.				
a)	25mm dia	RM	80		
	<b>TOTAL CARRIED OVER TO SUMMARY</b>			<b>( D )</b>	
<b>E)</b>	<b>TELEPHONE SYSTEM</b>				
1.0	Supply & fixing the following sizes of PVC conduit in recessed or on surface of wall . False ceiling including cutting the wall and making good the same as required.				
a)	25 mm dia	RM	70		
2.0	Supply and fixing of RJ11 moduler Telephone outlet in Zinc chromate passivated M.S. Box and Modular Plate including cost of M.S.box, modular plate and connections etc as required.	Nos.	8		
3.0	Supply & fixing the following sizes of 16 SWG Krone telephone tag blocks housed in suitable sizes of powder coated MS boxes with hinge cover complete as required.				
b)	20 pair telephone tag block	Nos.	1		

4.0	Supplying & laying the following sizes of PVC insulated and overall sheathed taped telephone cables of 0.51mm dia size inPVC conduit recessed in wall or on surface of wall including cutting the chases in making good the same and connection etc. complete as required. (From TTB on Ground Floor to Upper Floor)				
a)	2 pair telephone wire	RM	130		
c)	20 Pair telephone cable	RM	5		
	<b>TOTAL CARRIED OVER TO SUMMARY</b>				( E )
<b>F)</b>	<b>COMPUTER DATA NETWORKING</b>				
1.0	Supply & fixing the following size of PVC conduit in Floor/Surface of wall, including cutting the Floor/Wall and make the good the same as required ( <b>For Switcher to Data point.</b> )				
a)	25 mm dia	Mtrs	80		
2.0	Supply and fixing flush steel box for computer data outlet dully recessed in wall complete computer outlet RJ 45 including connect etc. required.	Nos.	9		
3.0	Supply and drawing of cat 6 Data cable in existing conduit with suitable clamp and saddles and other accessories required making connection on both the ends.	Mtrs	170		
4.0	12U Rack ( D Link)	Nos.	1		
5.0	24port Switch ( d Link)	Nos.	1		
	<b>TOTAL CARRIED OVER TO SUMMARY</b>				( F )
<b>G)</b>	<b>SUPPLY &amp; INSTALLATION FANS FIXTURES &amp; LIGHTS</b>				
1	Supply & installation , testing & commissioning of 48/36/24" <b>ceiling Fan</b> complete with all accessories such as blades, canopy etc. including wiring the down rod with 3 x 1.5 sq mm FRLS PVC insulated multistranded copper conductor wires and earthing the fans etc. complete as required.	Nos.	2		
2	Supply & installation , testing & commissioning of <b>wall Mounted Fan 500mm Sweep</b> . complete with all accessories such as blades, canopy etc.Connection with 3 x 1.5 sq mm FRLS PVC insulated multistranded copper conductor wires from the socket outlet to the fan earthing etc. . complete as required.(Wall Mounted Fans Bracket fans sweep 500 mm)	Nos.	5		
3	Supply & installation, testing & commissioning of 12/9" <b>exhaust fans</b> on existing opening in wall including all fixing hardware, louvers, shutters etc. Connection with 3 x 1.5 Sqmm FRLS PVC insulated multistranded copper conductor wire from the socket outlet to the fan earthing etc. complete as required.	Nos.	2		
4	Supply and Installation of unpacking, assembling, testing, & commissioning of All type of Recessed / Surface mounted Lighting Fixtures (as approved by client/architect) including all fixing hardwares complete as required S/F of 600 x 600 LED recessed mounted (LED 36 Watt 6500 K in false ceiling)	Nos.	15		
5	Suppy and Installation of storing, unpacking, assembling, testing, & commissioning of All type of Recessed / Surface mounted Lighting Fixtures (as approved by client/architect) including all fixing hardwares complete as required ( LED Down Lighter 12 Watt-)	Nos.	13		
6.0	installation of storing, unpacking, assembling, testing, & commissioning of All type of Recessed / Surface mounted Lighting Fixtures (as approved by client/architect) including all fixing hardwares complete as required ( LED tubeLight 20 watt )	Nos.	7		
	<b>TOTAL CARRIED OVER TO SUMMARY</b>				( G )
<b>H)</b>	<b>EARTHING</b>				
1.0	Earthing with copper plate electrode 600x600x3mm including accessories & providing masonry enclosure with MS cover plate having locking arrangmnt, watering pipe and excavation in soil 6 MTRS minimum, including salt and charcoalas required including P&F 8 Guaze SWG copper wirein recessor surface for earthing as per design & detail complete. Including Supplying, laying & terminating earth connection with 8 SWG Copper wire.	No.	2		
	<b>TOTAL CARRIED OVER TO SUMMARY</b>				( H )
<b>I)</b>	<b>FIRE FIGHTING WORK FOR BRANCH</b>				

1.0	Fire Alarm Panel 2 ZONE with Advanced Micro controller based, character LCD display. Zone wise Fire,open,short LED indicators, testing facility. Trickle & fast charging facility. Reset, alarm cancel, lamp test and control etc. Compatible with any make smoke and heat detectors. (Make Agni Surkhsha /Morley) Technical :: Power Supply 230 V AC , 50 Hz / 24 V DC, Operating Voltage 24 V DC, Normal Loop Voltage 23.20 V DC, E.O.L. 4K7	nos.	1		
2.0	Supplying of WIRE 2 CORE 1.5MM conductor non-armoured cable. (approve make:Polycab/Finolex/CCI)	Rmt	80		
3.0	Supplying, Installation, connection, testing & commissioning the following :				
i	Smoke Detector - Optical type low current draw, wide operating voltage 8 to 30 VDC, Bi-colour LED detector status indicator. Automatic drift compensation. Tested and approved to EN54 - 7:2000 (Amendment 1). Photoelectric Smoke Detector. (Make :-Apollo/ System Sensor / Edwards)	nos.	4		
ii	HEAT Detector - Optical type low current draw, wide operating voltage 8 to 30 VDC, Bi-colour LED detector status indicator. Automatic drift compensation. Tested and approved to EN54 - 7:2000 (Amendment 1). Photoelectric Smoke Detector (Make Apollo/ System Sensor / Edwards)	nos.	3		
	The LED of the above detectors should constantly blink when the system is ON and should constantly glow when actuated				
iii	Electronic Hooter . Hi-Intensive sound (80 to 100 db), Tested by ERTL as per IS:2189. Power I/P 100 V AC or 24 V DC. Sound O/P 100dB. Colour Red. Speaker 4 watt : (Make Agni Surkhsha/Morley )	nos.	2		
iv	Supply, Installation of Manual Call Point with hammer and chain. As per IS:2189. SS Chain , Hammer & blinking. Power I/P 24 V DC, MS Sheet, 750 gm., Dimensions (mm) 120 X 90 X 55. Colour - Red. (Make Agni Surkhsha/Morley )	nos.	2		
				(1)	
<b>J)</b>	<b>DISMANTALLING &amp; REFIXING</b>				
1.0	Dismantelling of existing electrical wires and fixtures and depositing them with bank including old fans , switches, wires, Lights etc	Job	1		
2.0	Removing and Refixing of existing all type fans & light fixture of other location Complete in all respects	No.	5		
	<b>TOTAL CARRIED OVER TO SUMMARY</b>			(J)	

<b>BOQ OF AIR-CONDITIONING WORK FOR BRANCH AT A-4,BALRAM NAGAR,LONI,GHAZIABAD.</b>					
<b>AIR CONDITIONING WORKS FOR BRANCH</b>					
<b>SNO.</b>	<b>DESCRIPTION OF ITEM</b>	<b>QUANTITY</b>	<b>UNIT</b>	<b>RATE</b>	<b>AMOUNT</b>
	<b>INSTALLATION OF SPLIT/WINDOW AC's AND ARRANGEMENT OF AC DRAIN PIPES WITH PROPER DRAINAGE</b>				
1	Re-installation of existing AC with servicing and fixing them at appropriate space as per design including filling of gas in windows and split AC				
a	Split AC (1,1.5,2 Ton)	Nos.	3.00		
2	Extra piping/Cabling for split air-conditioning other than 10 mts included in the above rates If Required	Mts	55.00		
3	25 mm dia cpvc pipe with Insulation for drainage of spilt ac	R/Mts	40.00		
4	3 step stabilizers for A.C.Make Blue Bird/Logicstar	Nos.	3.00		
5	Steel work welded in built up sections / framed work, including cutting, hoisting, fixing in postion and applying a priming coat of approved steel primer using AC outdoor unit Cageing.	Kg	90.00		
			<b>( A )</b>	<b>TOTAL</b>	



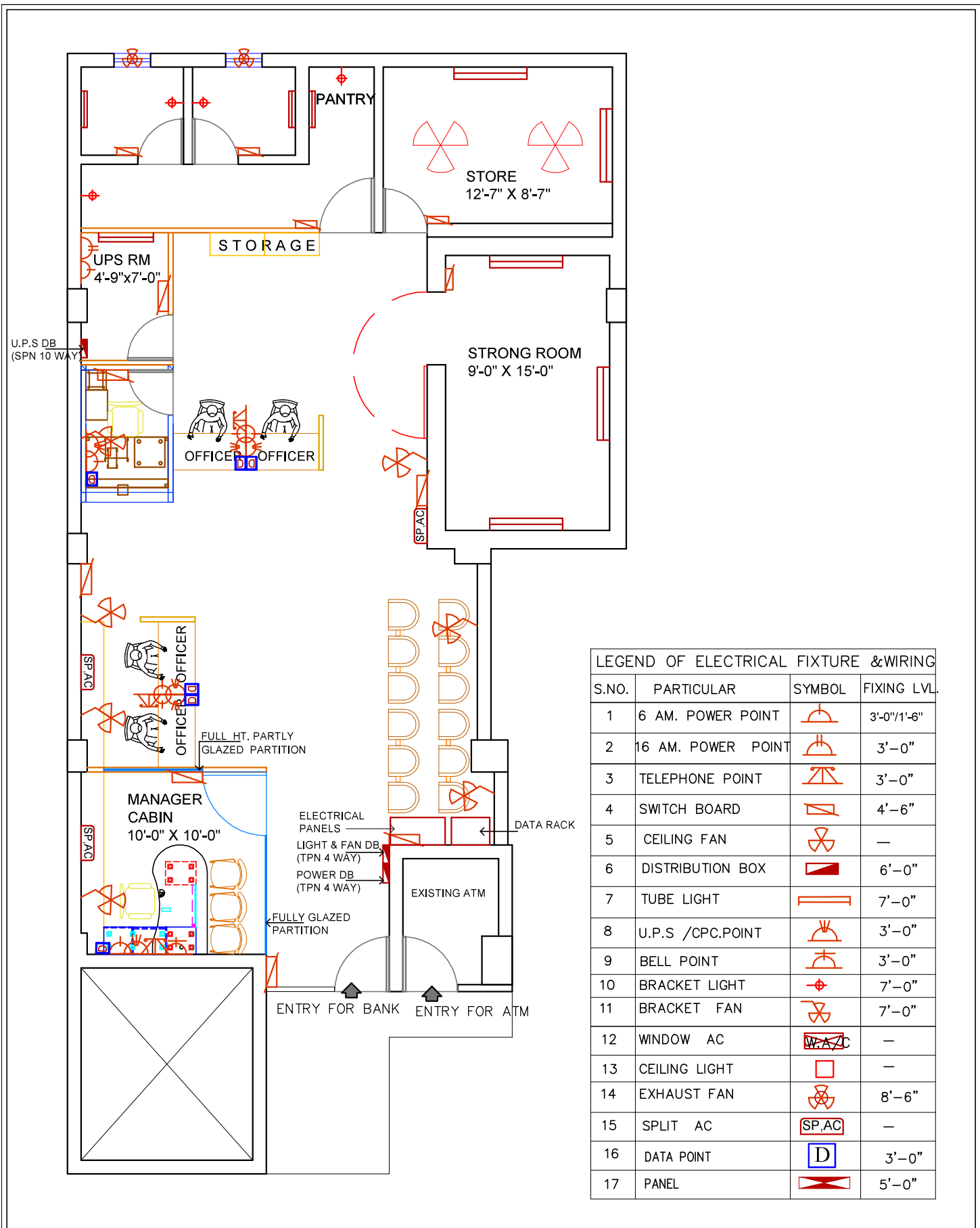
### LEGEND

PROPOSED BRICK WALLS	
WALL TO BE DEMOLISHED	

PROJECT :	DRG TITLE:	SCALE:	DATE :
PUNJAB & SIND BANK, BALRAM NAGAR LONI BRANCH, GHAZIABAD.	PROPOSED PLAN	SCALE TO FIT	26.08.2021
	DRAWN BY:-	REVISION DATES	SHEET NO :
	VIKRAM RAWAT	23.08.2021   25.08.2021	PAHS/P&SB/LONI RD GZB/01
		24.08.2021	



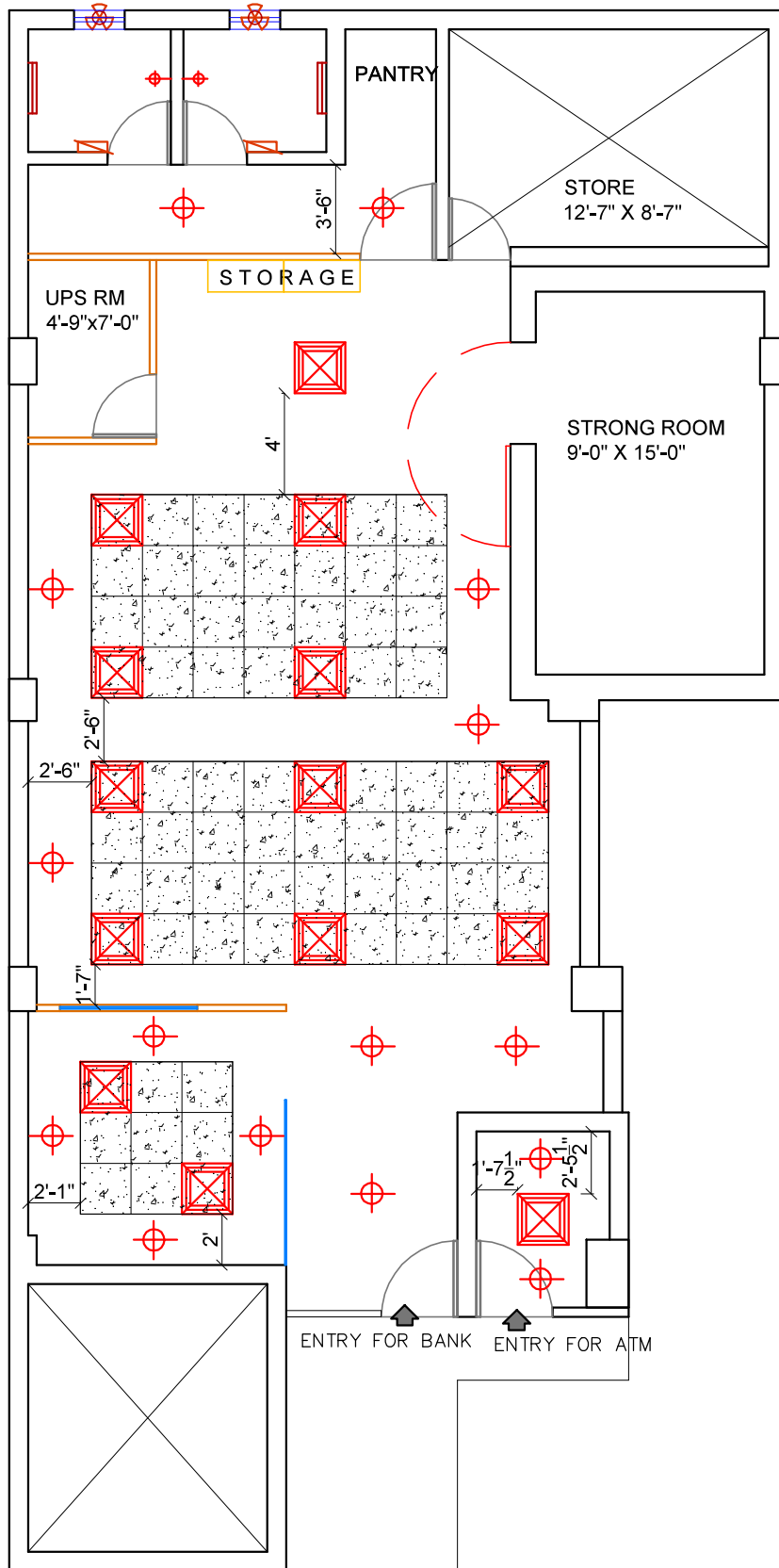
**PAHWA ARCH-TECH SERVICES**  
 ARCHITECTS, ENGINEERS,  
 INTERIOR DESIGNER, VALUER  
 PLOT NO-53, BLOCK-A, SECTOR-49, NOIDA  
 PH: 0120-4167183



LEGEND OF ELECTRICAL FIXTURE & WIRING

S.NO.	PARTICULAR	SYMBOL	FIXING LVL.
1	6 AM. POWER POINT		3'-0"/1'-6"
2	16 AM. POWER POINT		3'-0"
3	TELEPHONE POINT		3'-0"
4	SWITCH BOARD		4'-6"
5	CEILING FAN		—
6	DISTRIBUTION BOX		6'-0"
7	TUBE LIGHT		7'-0"
8	U.P.S /CPC.POINT		3'-0"
9	BELL POINT		3'-0"
10	BRACKET LIGHT		7'-0"
11	BRACKET FAN		7'-0"
12	WINDOW AC		—
13	CEILING LIGHT		—
14	EXHAUST FAN		8'-6"
15	SPLIT AC		—
16	DATA POINT		3'-0"
17	PANEL		5'-0"

PROJECT :	DRG TITLE:	SCALE:	DATE :	<b>PAHWA ARCH-TECH SERVICES</b> ARCHITECTS, ENGINEERS, INTERIOR DESIGNER, VALUER PLOT NO-53, BLOCK-A, SECTOR-49, NOIDA PH: 0120-4167183
PUNJAB & SIND BANK, BALRAM NAGAR LONI BRANCH, GHAZIABAD.	ELECTRICAL PLAN	SCALE TO FIT	26.08.2021	
	DRAWN BY:-	REVISION DATES	SHEET NO :	
	VIKRAM RAWAT	23.08.2021   25.08.2021 24.08.2021	PAHS/P&SB/LONI RD GZB/02	



PROJECT :	DRG TITLE:	SCALE:	DATE :
PUNJAB & SIND BANK, BALRAM NAGAR LONI BRANCH, GHAZIABAD.	FALSE CEILING PLAN	SCALE TO FIT	26.08.2021
	DRAWN BY:-	REVISION DATES	SHEET NO :
	VIKRAM RAWAT	23.08.2021   25.08.2021 24.08.2021	PAHS/P&SB/LONI RD GZB/03



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