CORRIGENDUM No. 2

NOTICE INVITING TENDER FOR CIVIL, INTERIOR FURNISHING, MODULAR FURNITURE, ELECTRICAL & AIR-CONDITIONING (VRV/VRF) WORKS AT BANK OF INDIA, ADMINISTRATIVE BUILDING, 6th FLOOR CBD BELAPUR, NAVI MUMBAI

(ONLY FOR BANKS NEW EMPANELLED INTERIOR FURNISHING CONTRACTORS IN CATEGORY OF Rs 50 lakhs to Rs 100 lakhs

(LIST EFFECTIVE FROM 16 Feb 2019)

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
CORRIGENDUM – 2 (Dated: 17.08.2020)

Please refer to revised Technical bid (Enclosed below) in reference to the above mentioned tender. All the bidders are advised to visit the site for making them well versed with site conditions and detailing the items mentioned in BOQ.
NOTICE INVITING TENDER FOR CIVIL, INTERIOR FURNISHING, MODULAR FURNITURE, ELECTRICAL & AIR-CONDITIONING (VRV/VRF) WORKS AT BANK OF INDIA, ADMINISTRATIVE BUILDING, 6th FLOOR CBD BELAPUR, NAVI MUMBAI

(ONLY FOR BANKS NEW EMPANELLED INTERIOR FURNISHING CONTRACTORS IN CATEGORY OF Rs 50 lakhs to Rs 100 lakhs

(LIST EFFECTIVE FROM 16 Feb 2019)

TENDER REFERENCE NO : BOI / DATA CENTRE / INTERIOR FURNISHING /

LAST DATE FOR SUBMISSION OF TENDER : 19.08.2020 - up to 4.30 PM

DATE OF OPENING OF TECHNICAL & FINANCIAL BID : 19.08.2020 - 5.00 PM

EARNEST MONEY DEPOSIT : Rs. 1,35,000.00

CLIENT: THE GENERAL MANAGER PREMISES DEPARTEMNT, 3RD FLOOR, STAR HOUSE 2, BANDRA KURLA COMPLEX, BANDRA, MUMBAI - 400051

ARCHITECT: M/s SANKALPA ASSOCIATES (Architects & Interior Designers) 65, Gangadhar Niwas, Gokhale Road (N), Dadar, Mumbai 400 028,
Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.

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**TECHNICAL BID - (Envelope - 1)**
NOTICE INVITING TENDERS

Bank of India, Head Office, Premises Department, 3rd Floor, Star House 2, Bandra-Kurla Complex, Mumbai 400 052. Invites Sealed Bids from Banks Empanelled Furnishing Contractors in Category Rs 50 lakhs to Rs 100 lakhs (New List Effective From 16.02.2019) in a “Two Bid System” for “TENDER FOR CIVIL, INTERIOR FURNISHING, MODULAR FURNITURE, ELECTRICAL & AIR-CONDITIONING (VRV/ VRF) WORKS AT BANK OF INDIA, ADMINISTRATIVE BUILDING, 6th FLOOR, CBD BELAPUR, NAVI MUMBAI.”

• Details of the Tender :

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<th>Name of the Work</th>
<th>Civil, Interior Furnishing, Electricals &amp; Air Conditioning Works (Turnkey)</th>
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<tr>
<td>Earnest Money deposit</td>
<td>Rs. 1,35,000.00 ( DD / P.O. Fvg: ‘Bank of India’ Payable at Mumbai.)</td>
</tr>
<tr>
<td>Period of completion</td>
<td>90 Days</td>
</tr>
<tr>
<td>Cost of Tender Documents ( For Hard Copy Only )</td>
<td>Rs. 1000.00 ( DD / P.O. Fvg: ‘Bank of India’ Payable at Mumbai.)</td>
</tr>
<tr>
<td>Date of Issue of Tender Documents</td>
<td>10.08.2020</td>
</tr>
<tr>
<td>Tender Documents ( Soft Copy )</td>
<td>Can be downloaded from Bank of India web site. <a href="http://www.bankofindia.com">www.bankofindia.com</a> under Tender Section.</td>
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<tr>
<td>Last Date and time for submission of the tender</td>
<td>19.08.2020 up to 4.30 PM</td>
</tr>
<tr>
<td>Date and time of Opening of the Tender - Technical Bids</td>
<td>19.08.2020 at 5.00 PM</td>
</tr>
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• Eligibility Criteria: Only Contractors Empanelled in the New Empanelment Furnishing Contractors in category 50 lacs to 100 lacs list having carried out similar turnkey works.

Tenders documents can be collected on payment of stipulated cost between the dates mentioned in the Notice Inviting Tender, during the working hours every day except on Sundays and Public Holidays, at Premises Department, Bank of India, Head Office, 3rd Floor, Star House 2, Bandra Kurla Complex, Mumbai 400 055. The cost of tender documents shall be paid by way of Demand Draft / P. O. for Rs. 1000/- of a Scheduled Commercial Bank issued in favour of ‘Bank of India’ Payable at Mumbai.

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
Alternatively tender documents can be downloaded from the banks website www.bankofindia.com under Tender Section. Tenderers who download the tender documents from the web site need to pay the cost of tender document of Rs. 1000/- in the form of DD / PO Fvg: ‘Bank of India’ payable in Mumbai. The Tender documents shall be printed on A-4 size paper and neatly spiral bound in two separate books (i.e. Technical Bid and Financial Bid) and submitted as detailed in clause 10 below.

- Tenders Documents consists of Notice Of Inviting Tender, General Rules and Directions to Tenderers, Conditions of Contract, Clauses of Contract, Special Conditions, Technical Specifications, Safety Code, Model Rules for Protection of Health & Sanitary arrangements, List of Preferred Makes, Annexures, Tender Drawings, Bill of Quantity (BOQ)

- Tenders shall be on prescribed Form for item rate tenders as issued by the Bank through its website.

- Nature of the document: Two Bid System. This Tender document comprises of the following:

(A) TECHNICAL BID: (First Envelope) consisting of following should be spiral bound and submitted in a separate envelope-
- EMD - Earnest Money Deposit
- Notice Inviting Tender (NIT).
- General Rules & Directions to Contractor.
- Conditions of Contract.
- Clauses of Contract.
- Special Conditions
- Safety Code.
- Model Rules for protection of health and sanitary arrangements for workers employed by contractors.
- Preferred Makes/Brand of Materials
- Annexures.

(B.) FINANCIAL BID (Second Envelope): Bill Of Quantity (BOQ). Financial bid should be spiral bound and submitted in separate envelop.

Submission and Opening of Tenders:

- Tenders on prescribed form should be placed in two envelops. First sealed envelope consisting of Technical Bid duly superscripted as “Technical Bid” and Second sealed envelope consisting Financial Bid duly superscripted as “Financial Bid” and both envelopes shall be kept in one bigger sealed single envelope, with the name of work, Name of Tenderer and due date written on the envelopes.

- Sealed Tenders shall be addressed to “General Manager, Premises Department, Bank of India, 3rd Floor, Star House 2, Bandra Kurla Complex, Mumbai 400 052.”

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
Sealed Tenders shall be dropped in the TENDER BOX kept at the above said address up to 4.30 PM. Any other mode for submission will not be accepted and tenders will be rejected.

The first part of tenders i.e. Technical Bid will be opened on the same day and at the same location at 05.00 PM. If last day of submission of tender is declared a holiday under NI Act by the Government subsequent to issuance of tender the next working day will be deemed to be the last day for submission of the tender.

The Financial Bid of only the qualified applicants will be opened after opening of Technical Bids on the same day i.e. 19.08.2020

Chronology of Opening of Tender:

- Tender Cost for Hard Copy Collected (Rs. 1000.00 only in the form of DD / P.O.) - Non-Refundable
- EMD (Rs. 1,35,000.00 only in the form of DD / P.O.) - Will be adjusted in total Security Deposit
- Technical BID (Duly Signed & Stamped on each and every Page)
- Financial Bid will be opened of only those bidders who qualify / fulfil the conditions as mentioned herein above.
  **Note:** If any or all conditions as mentioned above are not fulfilled at any stage then those bids will be disqualified.

- Bids / Tenders received through Post, Courier, E-Mail will not be considered.
- Only those Sealed Bids found inside the TENDER BOX will only be considered.
- The tender shall be accompanied by earnest money deposit (EMD) of Rs.1,35,000.00 & Tender Cost Rs. 1000.00 by way of Demand Draft / P. O. of a Scheduled Commercial Bank issued in favour of ‘Bank of India’ payable at Mumbai. **EMD & Tender Cost shall be submitted in the Technical Bid Only.**

No interest shall be allowed on the Earnest Money. Tenders without Earnest Money shall be summarily rejected. However MSMEs are exempted from paying Tender Fee, EMDs as per MSME Act 2012. For getting the benefits in case of MSME firms, contractors / agencies should **submit valid exemption certificate** issued from the relevant authorities.

- Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders, the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. Submission of a tender by a tenderers implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to
be done, site details and local conditions and other factors bearing on the execution of the work.

- The tenderer shall be responsible for arranging and maintaining at his own cost all materials, labour, tools and plants, water, electricity, access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents.

- Bank of India reserves to itself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.

- The tender for the works shall remain open for acceptance for a period of **180 days** from the date of opening of tenders. If any tenderer withdraws his tender before the said period or makes any modifications in the terms and conditions of the tender which are not acceptable to the Bank, then the Bank shall, without prejudice to any other right or remedy, be at liberty to forfeit full value of the earnest money as aforesaid.

- This Notice Inviting Tender shall form a part of the contract document. The successful tenderer/contractor, on acceptance of his tender by the Accepting Authority, shall, enter in to an agreement within 15 days from the date of acceptance letter.

- Bank of India does not bind itself to accept the lowest or any other tender, and reserves to itself the authority to reject any or all of the tenders received without the assignment of a reason. All tenders in which any of the prescribed conditions are not fulfilled or new conditions are stipulated by the tenderer or are incomplete in any respect are liable to be rejected.

- Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.

- **Amendment to Tender document:**
  At any time prior to deadline for submission of Tender, the Bank, for any reason, whether, at its own initiative or in response to a clarification requested by prospective bidder may modify the Tender document by amendment. Notification of amendments will be made available on the Bank’s website and will be binding on all tenderers and no separate communication will be issued in this regard. In order to allow prospective tenderers reasonable time in which to take the amendment into account in preparing their tender, the Bank, at its discretion, may extend the deadline for a reasonable period as decided by the Bank for the submission of tender.

- **Brief Details of the Work:**
  The proposed Building comprises of Basement, G+7 floors RCC framed structure. Interior Furnishing, Electrical & Air-Conditioning Works as per BOQ to be undertaken.

**Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.**
• Definition: “Tenderer / Bidder” is the Individual / Proprietor / Partnership Firm / Company who submits it tender for the subject works.

• Definition: “Architect / Consultant” is the Individual / Proprietor / Partnership Firm / Company appointed by Bank of India to monitor and manage the subject works. M/s Prakash Walavalkar & Associates.

• Definition: “Client” Bank of India, Head Office, Premises Department.

• Definition: “Work” as mentioned as above.

For & on behalf of the Bank of India

Date: ________________  General Manager, Premises
Bank of India, Head Office,

♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦
GENERAL RULES AND DIRECTIONS TO TENDERERS

- All work proposed for execution by contract will be notified in a form of Invitation to Tender and signed by the Bank Officer inviting tender.

  This form will state the work to be carried out, as well as the date for submitting and opening tenders and the time allowed for carrying out the work, also the amount of Earnest money to be deposited with the tender, and the amount of the security deposit to be deposited by the successful tenderers and the percentage, if any, to be deducted from bills. Copies of the specification, tender drawings and any other documents required in connection with the work signed for the purpose of identification by the officer inviting tender shall also be open for inspection by the contractor at the office of officer inviting tender during office hours.

- In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power-of-attorney authorising him to do so, such power of attorney to be produced with the tender, and it must disclose that the firm is duly registered under the Indian Partnership Act 1952 by enclosing a copy of the partnership deed duly certified by one partner as true copy.

  Tender by Hindu Joint Family (HUF) firm may be signed by the Kartha or Manager or any other duly authorised representative followed by the name and designation.

- Receipts for payments made on account of a work, when executed by a firm, shall be in the name of the firm by one of the partners, or by some other person having due authority to give effectual receipts for the firm.

- Any person who submits a tender shall fill up the printed prescribed form stating what rate he is willing to undertake each item of the work. Tenders, which propose any alteration in the work specified in the same form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort, will be liable to rejection. No single tender shall include more than one work. Tenders shall have the name and number of the works to which they refer, written on the envelopes. Modifications to specifications, item description, any clauses, conditions or any provisions whatsoever in the tender documents shall lead to disqualification of the tender.

- In case the lowest tendered amount (worked out on the basis of quoted rate of Individual items) of two or more Tenderers is same, then such lowest Tenderers may be asked to submit sealed revised offer quoting amount below in % to their original quote. The same procedure need to be followed between those lowest quoted bidders till the single L 1 resulted in the process.

  In case all lowest Tenderers those have same tendered amount (as a result of their quoted rate of individual items), refuse to submit revised offers, then tenders there tenders will be rejected and their EMD will be refunded.
• The rate quoted shall comply to the following:

(a) The rate(s) and/or amount(s) must be quoted in decimal coinage. Amounts must be quoted in full rupees by ignoring fifty paise and less and considering more than fifty paise as rupee one.
(b) In case of illiterate contractors the rates or the amounts should be attested by a witness, with a declaration that the contents of the tender documents have been explained to the tenderer.
(c) The rate columns should be filled in English figures and English words.
(d) The rate and amount columns for alternative items, if any, shall be filled up but amounts shall not be added in the total. The amount of alternative items of which quantities are not mentioned shall not be filled.

• All rates shall be quoted only on the tender form. Quoted rates and units different from prescribed in the tender schedule will be liable for rejection. The amount for each item should be worked out and requisite totals given. Special care should be taken to write the rates in figures as well as in words and the amounts in figures only, in such a way that interpolation is not possible. The total amount should be written both in figures and in words. In case of figures, the word `Rs.' should be written before the figure of rupees and words `P' after the decimal figures, e.g., `Rs.2.15p' and in case of words, the words, `Rupees' should precede and the word `Paise' should be written at the end, unless the rate is in whole rupees and followed by the words `only' it should be invariably be up to two decimal places. While quoting the rate in Schedule of quantities, the word `only', should be written closely following the amount and it should not be written in the next line.

Use of correcting fluid, anywhere in tender document is not permitted. Such tender is liable for rejection.

• The officer inviting tender or his duly authorised assistant will open tenders in the presence of any intending contractors who may be present at the time, and will enter the amounts of the several tenders in a comparative statement in a suitable form. In the event of a tender being accepted for consideration, a receipt for the earnest money forwarded therewith shall thereupon be given to the contractor who shall thereupon for the purpose of identification sign copies of the specifications and other documents mentioned in Rule-I. In the event of a tender being disqualified and rejected, the earnest money forwarded with such unaccepted tender shall thereupon be returned to the contractor remitting the same, without any interest.

• Bank of India shall have the right of rejecting all or any of the tenders and will not be bound to accept the lowest or any one tender.

• The memorandum of work tendered for and the schedule of materials to be supplied by the Bank and their issue-rates, shall be filled in and completed in the office of the officer inviting tender before the tender form is issued. If a form is issued to an intending tenderers without having been so filled in and completed, he shall request the officer to have this done before he completes and delivers his tender.

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
• The Tenderer shall take all necessary precautions to ensure that all confidential information which the Tenderer obtains in the course of participating in this Tender or at any time thereafter is not disclosed or used other than for the purpose of project execution / scope of work / deliverables. Tenderer shall suitably defend, indemnify Bank for any loss / damage suffered by Bank on account of and to the extent of any disclosure of such confidential information. Confidential information for this purpose refers to such information pertaining to Bank provided to Tenderer which is marked as confidential and which is not available in the Public Domain”.

• In the case of item rate tenders, only rates quoted shall be considered. Any tender containing percentage below / above the rates quoted is liable to be rejected. Rates quoted by the contractor in item rate tender in figures and words shall be accurately filled in so that there is no discrepancy in the rates written in figures and words. However, if a discrepancy is found, the rates which correspond with the amount worked out by the contractor shall unless otherwise proved be taken as correct. If the amount of an item is not worked out by the contractor or it does not correspond with the rates written either in figures or in words then the rate quoted by the contractor in words shall be taken as correct. Where the rates quoted by the contractor in figures and in words tally but the amount is not worked out correctly, the rates quoted by the contractor will unless otherwise proved be taken as correct and not the amount. In event no rate has been quoted for any item(s), leaving space both in figure(s), word(s), and amount blank, it will be presumed that the contractor has included the cost of this/these item(s) in other items and rate for such item(s) will be considered as zero and work will be required to be executed accordingly.

In case the same item appears more than once in the schedule of work under the same sub head or among the different sub heads of works, the lowest rate quoted for that item shall be taken for other items also and tender will be evaluated accordingly.

• Total Security Deposit (TSD) : It is taken as 2% of actual work completion cost. EMD amount will be adjusted towards the total security deposit. A further sum of 8% (eight percent) of the Gross value of each interim/final bill shall be deducted as retention money to make up, together with the Total Security Deposit of 10 % of the actual work completion cost including EMD.
50 % of the Total Security will be returned on issuance of work completion Certificate by the Architect / Bank. Remaining 50% of TSD will be returned after completion of Defect Liability Period.

In the case of any tender where unit rate of any item/items appears unrealistic such tender will be considered as unbalanced and in case the tenderer is unable to provide satisfactory explanation such a tender is liable to be disqualified and rejected and / or the tenderer is liable for additional security deposit as demanded by the Employer in the form of Demand Draft or Bank Guarantee from Scheduled Commercial Bank valid for contract period (as decided by the Bank ).

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
On acceptance of the tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Employer and /or Engineer-in-charge shall be communicated in writing to Employer.

The rates quoted shall be all inclusive rates for the item of work described, including materials, labour, tools and plant, lead, lift carriage and transport supervision, Royalties, duties, levies, cess, entry tax, Octroi, profession tax, purchase tax, turnover tax, or any other tax on material in respect of this contract, overheads and profits, mobilizing, demolishing and other charges whatsoever including any special difficulties any restrictions for transport etc., complete for proper execution of the work as per drawings and specifications and no claim whatsoever for any extra payment shall be entertained by the bank.

The rates quoted shall include all the above.

Errors and omissions due to clerical, typographical or printing etc., if any, will have to be got clarified and corrected before quoting the rates. The interpretation given by the appropriate tender accepting authority of the Bank shall be final and binding.

Procurement of all materials, other than specifically stipulated to be issued by the Bank, if any, shall be at the cost and the responsibility of the contractor.

PROVISIONS FOR MICRO & SMALL ENTERPRISES (MSMES):- As per Government of India’s Public Procurement Policy act 2012, certain benefits will be given for MSE Units. The details are as under:

The Public Procurement Policy shall apply to MSMEs registered with District Industries Centres or Khadi Village Industries Commission or Khadi & Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts & Handloom or any other body specified by Ministry of Micro, Small & Medium Enterprises.

MSMEs are exempted from paying Tender/RFP fee/cost, EMDs. For getting the benefits in case of MSME firms, shall submit relevant documents such as valid MSME registration Certificates and exemption certificate from relevant authorities in the technical bid and shall be clearly mentioned in a letter addressed to Bank and be attached in technical bid..

Tenderer shall fill in all the blanks and put their signature and seal on each page of the tender documents. All sort of corrections if any should be signed and stamped by the bidder. **Tenders with corrections not signed and stamped will be summarily rejected.**
The successful Tenderer will have to enter into an agreement with each component of the Tender document with the Bank.

- The tender drawings under this NIT are only indicative to broadly understand the scope of the works. The contractor shall carry out the works according to instructions issued by the Engineer in charge / during the course of work from time to time. Tenderer/Contractor is not eligible for any claim on account of any differences between the tender drawings and working drawings.
**CONDITIONS OF CONTRACT**

**Definitions:**

1. The `Contract' means the tender documents and acceptance thereof and the agreement duly executed between the Bank of India and the Contractor, together with the documents referred to therein including these conditions, NIT, specifications, schedule of quantities, agreement, designs, drawings and instructions issued from time to time by the Employer and / or Engineer-in-Charge and all these documents taken together, shall be deemed to form one contract and shall be complementary to one another.

2. In the contract, the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them.

   a) The expression `works' or `work', 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.

   b) The `Site' shall mean the land/or other places, 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.

   c) The `Contractor' shall mean, the individual Kartha, or Manager of HUF, firm or Company, whether incorporated or not, undertaking the works and shall include the legal heirs/representatives of such individual or the partners composing firm and theirs legal heirs and successors, or company's authorized and constituted attorneys/agents and permitted assigns of such firm or company.

   a) The `Employer/Bank of India means any officer of the Bank, who is specifically authorised to enter into contracts and in-charge of the work mentioned.

   e) The `Engineer-in-Charge' means the Officer, Engineer and /or Site Engineer as mentioned hereunder who shall supervise and be in-charge of the work or any other person specifically deputed by the Employer.

   f) `Contract Price' shall mean the final accepted rates.

   g) `Date of Contract' means the `Calendar date on which the Employer and Contractor have signed the Agreement on the Stamp Paper.

   h) "Accepting Authority" shall mean the bank authority mentioned.

   i) "Excepted Risk" are risks due to riots (other than those on account of contractor's employees or agents or persons worked under or at the instance of the contractor) or Furnishing commotion (in so far as both these are uninsurable), war (Whether declared or
Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.

not) invasion, act of foreign enemies, hostilities, Furnishing war, rebellion revolution, insurrection, military or usurped power, any acts of Government, damages from aircraft, acts of God, such as earthquake, lightening and unprecedented floods, Tsunami and other causes over which the contractor has no control and accepted as such by the Accepting Authority.

j) "Market Rate" shall be the rate as decided by the Employer on the basis of the cost of materials and labour and the site where the work is to be executed plus the percentage mentioned to cover all overheads and profits.

k) `Approved' or `Approval' wherever used in the specifications or schedule of Quantities shall mean, respectively, ‘approved by or approval of the `Accepting Authority' in writing.

l) `Notice in writing' or `written notice' shall mean a notice in writing typed or printed characters delivered to or sent by registered post to the last known address private or business address or registered office address, and shall be deemed to have been received when in ordinary course of post it would have been delivered, and/or delivered personally, or otherwise proved to have been received.

m) `virtual completion’ shall mean that the work / building is complete in all respects in the opinion of the Employer/ Bank

n) `Drawings' shall mean all drawings and / or sketches duly signed by the Engineer-in-charge / Architect or their representative on behalf of the Employer before commencement or during the progress of the work.

o) `Letter of Acceptance' shall mean an intimation by a letter issued by the Accepting Authority of the Employer / Bank to tenderers that his tender has been accepted in accordance with the provisions in the said letter.

p) Price shall be based on the actual price quoted by the authorised stockiest / wholesalers / showroom including taxes, levies, Octroi and all other duties levied by the statutory / local authority and also including loading, unloading and carriage / transportation cost to the site of work, overheads, storage charges at site.

q) "Defect Liability Period” shall mean a period of twelve months from the certified date of virtual completion issued by the Engineer in charge / Employer. However, in the case of specialist contracts like for anti-termite treatment, water proofing treatment and the like the period of warranty in such contracts shall supersede the defect liability period, and the defect liability period of twelve months shall stand extended to be equal to the warranty period.

r) “Approved Make” means materials as specified under List of Preferred Makes and also as approved by the Bank.
3. **Scope and Performance:** Where the context so requires, words imparting the singular only also include the plural and vice versa. Any reference to masculine gender shall whenever required include feminine gender and vice versa.

4. **Headings to these Conditions of Contract, Clauses of Contract, special conditions, Technical specifications shall not be deemed to form part thereof or be taken into consideration in the interpretation or construction thereof or of the contract.**

5. The contractor shall be furnished, free of cost one certified copy of the contract documents (except standard specifications, Schedule of Rates) together with all drawings as may be forming part of the tender papers. None of these documents shall be used by the Contractor for any purpose other than for this contract.

6. **Works to be carried out ::** The work to be carried out under the contract shall, except as otherwise provided in these conditions, include all labour, materials, tools, plants, equipment and transport which may be required in preparation of and for and in the full and entire execution and completion of the works. The descriptions given in the Schedule of Quantities shall, unless otherwise stated, be held to include waste on material carriage and cartage, lead, lift, safety works, carrying and return of empties, hoisting, setting, fitting and fixing in position and all other labour necessary and for the full and entire execution and completion as aforesaid in accordance with good practice and recognised principles.

7. **Rates**
The rates quoted shall be all inclusive rates for the item of work described, including materials, labour, tools and plant, lead, lift carriage and transport supervision, Royalties, duties, levies, cess, entry tax, Octroi, profession tax, Sales Tax, VAT, purchase tax, turnover tax, any other tax on material in respect of this contract, overheads and profits, mobilizing, demolishing and other charges whatsoever including any special difficulties any restrictions for transport, any other incidentals works etc. complete and for proper execution of the work as per drawings and specifications and no claim whatsoever for any extra payment shall be maintainable unless otherwise specifically exempted and are specified as payable or reimbursable under this Contract. **However only GST as per extant guidelines will be payable extra.**

8. **Sufficiency of Tender:**

THE Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices quoted in the Schedule of Quantities, which rates and prices shall, except as otherwise provided, cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the works.

9. **Discrepancies and Adjustment of Errors:**

THE several documents forming the Contract are to be taken as mutually explanatory of one another, detailed drawing being followed in preference to small scale drawing and

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figured dimensions in preference to scale and special conditions in preference to General Conditions.

9.1 If there is any difference or discrepancy between the description of items as given in the schedule of quantities, particular specifications for individual items of work (including special conditions) and I.S. Codes etc., the following order of preference shall be observed:
   a) Description of the Item as detailed in Bill of Quantities (BOQ).
   b) Particular Specifications, Special Condition, Additional Conditions if any
   c) Detailed Drawings
   d) Banks / IBA Works Manuel.
   e) Clauses of Contract
   f) Indian Standard Specifications of B.I.S.
   g) Manufacturer’s Specifications
   h) As decided by Employer

Moreover, the Contractor is not allowed to take benefit out of any clerical / grammatical mistake in the standard clauses / Bill of Quantities / Specifications etc. being used in the agreement.

9.2 If there are varying or conflicting provisions made in any one or more document(s) forming part of the contract, the Accepting Authority shall be the deciding authority with regard to the intention of the document and his decision shall be final and binding on contractor.

9.3 Any error in description or quantity or rate in Schedule of Quantities or any omission therefrom shall not vitiate the Contract or release the Contractor from the execution of the whole or any part of the works comprised therein according to drawings and specifications or from any of his obligations under the Contract.

10. Signing of Contract :: The successful tenderer/contractor, on acceptance of his tender by the Accepting Authority, shall, within 15 days from the stipulated date of start of the work sign the contract consisting of following failing which the Earnest money deposit shall be forfeited :-

   a) Standard form of agreement on stamp paper, the notice inviting tender, all the documents including drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
   b) Standard Contract Form consisting of ::
      • Notice Inviting Tender (NIT).
      • General Rules & directions to contractor.
      • Conditions of Contract.
      • Clauses of Contract.
      • Special Conditions
      • Safety Code.
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- Model rules for protection of health and sanitary arrangements for workers employed by contractors.
- Preferred Makes.
- Annexures.
- Tender Drawings
CLAUSES OF CONTRACT

Clause - 1: DEPOSITS

THE person/persons whose tender(s) may be accepted (hereinafter called the contractor) shall deposit a sum which together with the EMD Rs. 1,35,000/- which will be treated as Initial Security Deposit, in the form of Demand Draft / P. O. payable to the Employer, for the entire duration of the contract period plus the defect liability period and shall further permit the Employer at the time of making any payment to him for work done under the contract to deduct a sum of 8% of the gross amount of each running bill as Retention Money till the sum along with the sum already deposited as initial security deposit will amount to Security Deposit of an amount equal to 10%. Such deductions will be made and held by the Employer by way of Retention Money for 1 year from the date of completion of works.

All compensation or the other sums of money payable by the contractor under the terms of this contract may be deducted from, part of his security deposit or from the interest if any, arising therefrom, or from any sums which may be due to or may become due to the contractor by Bank on any account whatsoever and in the event of his Security Deposit being reduced by reason of any such deduction as aforesaid, the contractor shall within 10 days make good in the cash or Guarantee Bond of a Scheduled Bank other than Bank of India in favour of the Employer or fixed deposit receipt tendered by the Bank of India (in case of guarantee offered by scheduled banks, the amount shall be within the financial limits prescribed by the Reserve Bank of India); any sum or sums which may have been deducted from, or raised by sale of his security deposit or any part thereof. The security deposit shall be collected from the running bills of the contractor at the rates mentioned above and the Earnest money deposited at the time of tenders and the Initial Security Deposit will be treated as part of the Security Deposit.

Clause - 2 :: COMPENSATION FOR DELAY ::

If the contractor fails to maintain the required progress in terms of the contract or to complete the work and clear the site on or before the contract or approved extended date of completion, he shall, without prejudice to any other right or remedy of the Employer on account of such breach, pay as agreed compensation the amount calculated at the rates stipulated below or such smaller amount as may be fixed by the authority mentioned, on the contract value of the work for every completed week that the progress remains below that specified in clause 5 or that the work remains incomplete.

This shall also apply to items or group or items for which a separate period of completion has been specified, if any.

For this purpose the term `Contract Value' shall be value at the contract rates of the work as ordered.

| a) Completion period (as originally stipulated) |
| ::  1 ( One ) percent per week |

Provided always that the total amount of compensation for delay to be paid under this condition shall not exceed the undernoted percentage of the Contract Value or of the Contract Value of the item or group of items of work for which a separate period of completion is originally given :-

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| a) Completion period (as originally stipulated) | :: 5 % (Five percent) |

Clause -2.1::

Bank shall have the right to adjust set-off against any sum payable to the Contractor under this or any other contract with the Employer / Bank of India anywhere in India / outside India.

Clause -3::

Subject to other provisions contained, the Employer may without prejudice to his any other rights or remedy against the contractor in respect of any delay, inferior workmanship, any claims for damages and/or any other provisions of this contract or otherwise, and whether the date of completion has or has not elapsed, by notice in writing absolutely determine and cancel the contract in any of the following cases:

i) If the contractor having been given by the Employer and/or the Engineer-in-charge a notice in writing to rectify, reconstruct or replace any defective work or that the work is being performed in any inefficient or otherwise improper or un-workman like manner shall omit or comply with the requirement of such notice for a period of seven days thereafter.

i) If the contractor being a company shall pass a resolution or the court shall make an order that the company shall be wound up or if a receiver or a manager on behalf of a creditor shall be appointed or if circumstances shall arise which entitle the court or the creditor to appoint a receiver or a manager or which entitle the court to make a winding up order.

i) If the contractor has without reasonable cause failed to commence the work or has suspended the progress of the work or has failed to proceed with the work with due diligence so that in the opinion of the Employer (which shall be final and binding) he will be unable to secure completion of the work by the date for completion and continues to do so after a notice in writing of seven days from Employer.

i) If the contractor fails to complete the work within the stipulated date or items of work with individual date of completion, if any stipulated, on or before such date(s) of completion and does not complete them within the period specified in a notice given in writing in that behalf by the Employer and/or Engineer-in-charge.

i) If the contractor persistently neglects to carry out his obligations under the contract and/or commits default in complying with any of the terms and conditions of the contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the Employer and/or Engineer-in-charge.

i) If the contractor commits any acts mentioned in clause 21 hereof.

Clause -3.1::

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When the contractor has made himself liable for action under any of the cases aforesaid, the Employer shall have powers:

a) To determine or rescind the contract of which termination or rescission notice in writing to the contractor under the hand of the Employer shall be conclusive evidence. Upon such determination or rescission, the security deposit of the contractor shall be liable to be forfeited and shall be absolutely at the disposal of Employer.

a) To employ labour paid by the Employer and to supply material to carry out the work or any part of the work debiting the contractor with the cost of the labour and the price of the materials (of the amount of which cost and price certified by the Engineer-in-charge shall be final and conclusive) against the contractor and crediting him with the value of the work done in all respects in the same manner and at the same rates as if it had been carried out by the contractor under the terms of his contract. The certificate of the Engineer-in-charge as to the value of the work done shall be final and conclusive against the contractor provided always that action under the sub-clause shall only be taken after giving notice in writing to the contractor. However if the net total expenses incurred by the Employer are less than the amount payable to the contractor at his agreement rates, the difference shall not be paid to the contractor.

a) After giving notice to the contractor to measure up the work of the contractor and to take such whole, or the balance or part thereof as shall be unexecuted out of his hands and to give it to another person to complete in which case any expenses which may be incurred in excess of the sum which would have been paid to the original contractor if the whole work had been executed by him, of the amount of which excess the certificate in writing of the Employer shall be final and conclusive shall be borne and paid by the original contractor and may be deducted from any money due to him by the Employer under this contract or on any other contract account whatsoever or from his security deposit or the proceeds of sales thereof or a sufficient part thereof as the case may be.

Clause -3.2:

In any such event the contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials or entered into any engagements or made any advances on account or with a view to the execution of the work or the performance of the contract. And in case action is taken under any of the provisions aforesaid, the contractor shall not be entitled to recover or be paid any sum for any work thereto or actually performed under this contract unless and until the Engineer-in-charge has certified in writing the performance of such work and the value payable in respect thereof and he shall only be entitled to be paid the value so certified. Provided further that any of the recoveries to be made when the excess cost incurred by the Employer under the action in (b) and/of (c) above is more than the Security Deposit to be forfeited, such recoveries shall be limited to the amount by which the excess cost incurred exceeds the Security deposit so forfeited.

Clause-4:

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In any case in which any of the powers conferred upon the Employer under Clause-3 hereof, shall have become exercisable and the same shall not be exercised, the non-exercise thereof shall not constitute a waiver of any of the conditions hereof and such powers shall notwithstanding be exercisable in the event of any future case of default by the contractor and the liability of the contractor for compensation shall remain unaffected. In the event of the Employer putting in force all or any of the powers vested in him under the preceding clause he may, if he so desires after giving a notice in writing to the contractor, take possession of (or at the sole discretion of the Employer which shall be final and binding on the contractor) use as on hire (the amount of the hire money being also in the final determination of the Employer) all or any tools, plant, materials and stores in or upon the works, or the site thereof, belonging to the contractor, or procured by the contractor and intended to be used for the execution of the work or any part thereof, paying or allowing for the same in account at the contract rates, or, in the case of these not being applicable, at current market rates to be certified by the Engineer-in-charge, whose certificate thereof shall be final and binding on the contractor, otherwise the Employer by notice in writing may order the contractor or his clerk of the works, foreman or other authorised agent to remove such tools, plant, materials, or stores from the premises, within the time to be specified in such notice, and in the event of the contractor failing to comply with any such requisition, the Employer may cause to remove them at the contractor’s expense or sell them by auction or private sale on account of the contractor and at his risk in all respects and the certificate of the Engineer-in-Charge as to the expense of any such removal and the amount of the proceeds and expense of any such sale shall be final and conclusive against the contractor.

Clause-5: TIME AND EXTENSION FOR DELAY ::

The time allowed for execution of the Works by the Contractor as or the extended time in accordance with these conditions shall be the essence of the Contract. The execution of the works shall commence from the 7th day after the date on which the Employer issues written orders to commence the work or from the date of handing over of the site whichever is later. If the contractor commits default in commencing the execution of the work as aforesaid, the Employer shall without prejudice to any other right or remedy available in law be at liberty to forfeit the earnest money absolutely.

Clause -5.1:

The contractor shall submit a Time and Progress Chart and get it approved by the Engineer-in-Charge. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the works. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work and may be amended as necessary by agreement between the Employer and the Contractor within the limitations of time imposed in the Contract documents, and further to ensure good progress during the execution of the work, the contractor shall in all cases in which the time allowed for any work exceeds one month (save for special jobs) complete 1/8th of the whole of work before 1/4th of the whole time allowed in the contract has elapsed; 3/8th of the work before one half of such time has elapsed and 3/4th before 3/4th of such time has elapsed.

Clause -5.2:: If the works be delayed by :-

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a) Force Majeure, or
b) Excepted Risk;
c) Abnormally bad weather, or
d) Serious loss or damage by fire, or
e) Furnishing commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or
f) Delay on the part of other contractors or tradesmen engaged by the Employer in executing work not forming part of this Contract, or
g) Non-availability of stores, which are the responsibility of the Employer to supply or
h) Any other cause which, in the absolute discretion of the authority is beyond the Contractor’s control,

then upon the happening of any such event causing delay, the Contractor shall immediately give notice thereof in writing to the Employer but shall nevertheless use constantly his best endeavor to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-charge to proceed with the works.

Clause -5.3::

Request for extension of time, to be eligible for consideration, shall be made by the Contractor in writing within fourteen days of the happening of the event causing delay to the Accepting Authority. The Contractor shall also, if practicable, indicate in such a request the total period for which extension is desired, overlapping period, if any, with earlier events causing delays, net-extension required.

Clause -5.4::

In such case the authority may give a fair and reasonable extension of time for completion of work. Such extension shall be communicated to the Contractor by the Employer in writing, within 3 months of the date of receipt of such request. Non application by the contractor for extension of time shall not be a bar for giving a fair and reasonable extension by the Employer and this shall be binding on the contractor.

Clause - 6::

(i) Engineer-in-charge is duty bound to, except as otherwise provided, ascertain and determine by measurement the value in accordance with the contract of work done.

(i) ALL measurement of all items having financial value shall be entered in Measurement Book and/or level field book so that a complete record is obtained of all works performed under the contract. All such measurement books and level books shall be with machine numbered pages with a certificate of the Engineer-in-charge regarding the name of the work and contractor and number of pages. All such measurement books and level books shall be maintained carefully, work wise and shall be handed over to the Employer at the completion of the work.
(i) All measurements and levels shall be taken jointly by the Site engineer authorized by the Engineer-in-Charge and the contractor or his authorised representative from time to time during the progress of the work and all such measurements shall be verified by the Engineer-in-Charge/Architect to verify the accuracy of the measurement and signed and dated by the Engineer-in-Charge/Architect in token thereof and by the contractor or his representatives in token of their acceptance. Employer reserves the right to test check the measurements to the extent of 25% of measurements of each and/or all items verified by the Engineer-in-Charge and any discrepancies are found they shall be corrected by the Employer and it shall be binding on the contractor. If the contractor objects to any of the measurements corrected a note shall be made to that effect with reason and signed by both parties.

(ii) The contractor shall, without extra charge, provide all assistance by providing appliance, labour and other things necessary for such measurements and recording levels.

(iii) The contractor shall give not less than seven days' notice to the Engineer-in-Charge or his authorised representative in-charge of the work and Employer before covering up or otherwise placing beyond the reach of measurement any work in order that the same may be tested checked and correct dimensions thereof be taken before the same is covered up or placed beyond the reach of measurement and shall not cover up and place beyond reach of measurement any work without consent in writing of the Engineer-in-Charge or his authorised representative in-charge of the work and Employer who shall within the aforesaid period of seven days inspect the work, and if any work shall be covered up or placed beyond the reach of measurements without such notice having been given or the Engineer-in-Charge's and Employer consent being obtained in writing the same shall be uncovered at the contractor's expense, or in default thereof no payment or allowance shall be made for such work or the materials with which the same was executed. No earthwork shall be started without recording initial ground levels in the level field book jointly signed by both the parties in token of acceptance.

(i) Engineer-in-charge or his authorised representative may cause to check the measurements recorded jointly or otherwise as aforesaid and all provisions stipulated herein above shall be applicable to such checking of measurements or levels.

(ii) Recording of measurements of any item of work in the measurement book and/or its payment in the interim on account of final bill shall not be considered as conclusive evidence as to the sufficiency of any work or material to which it
relates nor shall it relieve the contractor from liabilities from any over measurement or defects noticed till completion of the defects liability period.

Clause 7::

(i) No payment shall be made for an item of work, estimated to cost Rs 10,00,000/- (Rupees Ten Lakhs) or less till after the whole of the work shall have been completed and certificate of completion given.

(ii) For item of works estimated to cost over Rs.10,00,000/- (Rs. Ten Lakhs) the interim or running account bills, duly accompanied by detailed measurements theoretical consumption of cement, steel and any other item as may be required by the Engineer-in-Charge / Architect or the Employer, shall be submitted by the contractor for the work executed on the basis of such recorded measurements on the format of the Employer in triplicates on or before the date of every month fixed for the same by the Engineer-in-Charge/employer. The Contractor shall not be entitled to be paid any such interim payment if the gross work done together with net payment/adjustment of advances for material collected, if any, since the last such payment is not less than 75% of the proportionate cost of work as per stipulated progress of work in the contract, in which case the interim bill shall be due on the appointed date of the month after the requisite progress is achieved. Engineer-in-charge shall arrange to have the bill verified by checking or causing to be checked, where necessary, the requisite measurements of the work.

(iii) All such interim payments accepted by the Contractor shall be regarded as payments by way of advances against final payment only. These shall not preclude the requiring of bad, unsound and imperfect or unskilled work to be rejected, removed, taken away and reconstructed or re-erected. Any certificate given by the Engineer-in-charge relating to the work done or materials delivered forming part of such payment, may be modified or corrected by any subsequent such certificate(s) or by the final certificate and shall not by itself be conclusive evidence that any work or materials to which it relates is/are in accordance with the contract and specifications. Any such interim payment, or any part thereof shall not in any respect conclude, determine or affect in any way powers of the Engineer-in-charge/Employer under the contract or any of such payments be treated as final settlement and adjustment of accounts or in any way vary or affect the contract.

(iv) Pending consideration of extension of date of completion interim payments shall continue to be made as herein provided.

(v) The Engineer-in-charge/employer in his sole discretion on the basis of a certificate to the effect that the work has been completed upto level in question may in the case of Office / residential buildings make interim advance payments based on the drawings for work done (other than foundations, items to be covered and finishing items) upto lintel level (including sunshade etc.) and slab level, for each floor worked out at 75% of the respective contract rates of the item. The advance
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Clause - 8 ::

(i) WITHIN ten days of the virtual completion of the work, the contractor shall give notice of such completion to the Engineer-in-Charge and within thirty days of receipt of such notice the Engineer-in-Charge shall inspect the work.

(ii) If there is no defect in the work Engineer-in-charge shall furnish the contractor with a final certificate of completion. Otherwise a provisional certificate of physical completion indicating defects (a) to be rectified by the contractor and/or (b) for which payment will be made at reduced rates, shall be issued.

(iii) No final certificate of completion shall be issued, nor shall the work be considered to be complete by the employer until the contractor shall have removed from the premises on which the work shall be executed all scaffolding, surplus materials, rubbish and all huts and sanitary arrangements required for his / their work people on the site in connection with the execution of the works as shall have been erected or constructed by the contractor(s) and cleaned off the dirt from all wood work, doors, windows, walls, floor or other parts of the building, in, upon, or about which the work is to be executed or of which he may have had possession for the purpose of the execution thereof, and not until the work shall have been measured by the Engineer-in-Charge. If the contractor shall fail to comply with the requirements of this Clause as to removal of scaffolding, surplus materials and rubbish and all huts and sanitary arrangements as aforesaid and cleaning off dirt on or before the date fixed for the completion of work, the Engineer-in-Charge may at the expense of the contractor remove such scaffolding, surplus materials and rubbish, etc., and dispose of the same as he thinks fit and clean off such dirt as aforesaid, and the contractor shall have no claim in respect of any such scaffolding or surplus materials as aforesaid except for any sum actually realised by the sale thereof.

Clause 8 (A)::

(i) THE CONTRACTOR shall submit one set of completion plan, within thirty days of the completion of the work, showing details of all water supply, sanitary, drainage services.

(ii) IN case, the contractor fails to submit the completion plan as aforesaid, he shall be liable to pay a sum equivalent to 2.5% of the value of the work subject to a ceiling of Rs.25,000/- (Rs. Twenty Five thousand only) as may be fixed by the Engineer-in-Charge concerned and in this respect the decision of the said Engineer in Charge shall be final and binding on the Contractor.

Clause 9::

(1) The Contractor shall submit the final bill in the same manner as specified in interim bills within three months of physical completion of the work or within one month of the
date of the final certificate of completion furnished by the Engineer-in-Charge whichever is earlier. No further claims shall be made by the contractor after submission of the final bill and these shall be deemed to have been waived and extinguished. Payments of those items of the bill in respect of which there is no dispute and of items in dispute for quantities and rates as approved by Engineer-in-Charge, shall be made by the employer within the period specified herein under, the period being reckoned from the date of receipt of the bill by the Engineer-in-Charge or his authorised representative complete with account of materials issued by the Employer, dismantled materials, if any theoretical consumption of materials, inventory of fittings and fixtures, detailed measurements etc. complete.

a) If the gross amount of the work done under the contract items, plus that of additional deviated items is upto Rs.2 lakhs.

b) - do - exceeds Rs. 2 lakhs & is upto Rs.20 lakhs :: 4 months

c) - do - exceeds Rs.20 lakhs but is upto Rs.30 lakhs :: 5 months

(2) The Contractor shall expressly agree that Interest at the rate of 6% per annum shall be payable by the Employer on the portion of the net amount of the final bill payable as aforesaid but not paid within the stipulated period.

Clause -10:: MATERIALS SUPPLIED BY EMPLOYER ::
No materials will be supplied by the Employer.

Clause -10 A:: MATERIALS TO BE PROVIDED BY THE CONTRACTOR, TESTS

(i) The contractor shall, at his own expense, provide all materials, required for the works other than those which are stipulated to be supplied by Employer, if any.

(ii) The contractor shall, at his own expense and without delay supply to the Engineer-in-charge samples of materials to be used on the work and shall get these approved in advance. All such materials to be provided by the Contractor shall be in conformity with the specifications laid down or referred to in the contract. The contractor shall, if requested by the Engineer-in-charge furnish proof, to the satisfaction of the Engineer-in-Charge that the materials so comply. The Engineer-in-Charge may within thirty days of supply of samples or within such further period as he may require and so intimated to the Contractor in writing, inform the Contractor whether samples are approved by him or not. If samples are not approved, the Contractor shall forthwith arrange to supply to the Engineer-in-Charge for his approval fresh samples complying with the specifications laid down in the Contract. When materials are required to be tested in accordance with specifications, approval of
the Engineer-in-Charge shall be issued after the test results indicate the specification laid down under the contract are met with.

(iii) The Contractor shall at his risk and cost submit the samples of materials to be tested or analysed and shall not make use of or incorporate in the work any materials represented by the samples until the required tests or analysis have been made and material finally accepted by the Engineer-in-Charge. The Contractor shall not be eligible for any claim or compensation either arising out of any delay in the work or due to any corrective measures required to be taken on account of and as a result of testing of materials.

(iv) THE contractor shall at his risk and cost make all arrangements and shall provide all facilities as the Engineer-in-Charge may require for collecting and preparing the required number of samples for such tests at such time and to such place or places as may be directed by the Engineer-in-Charge and bear all charges and cost of testing unless specifically provided for otherwise elsewhere in the contract or specifications. The Employer and or Engineer-in-Charge or his authorised representative shall at all times have the right to inspect/supervise the works and access to all workshops and places where work is being prepared or from where materials, manufactured articles or machinery are being obtained for the works. The contractor shall afford every facility and every assistance as required by the Employer/Engineer-in-Charge.

(v) The Engineer-in-Charge/Employer shall have full powers to require the removal from the premises of all materials which in his opinion are not in accordance with the specifications, and in case of default, the Employer/Engineer-in-Charge shall be at liberty to employ at the expense of the contractor other persons to remove the same without being answerable or accountable for any loss or damage that may happen or arise to such materials. The Engineer-in-Charge/authorised representative of employer shall also have full powers to require other proper materials to be substituted thereof and in case of default the Engineer-in-Charge/ Employer may cause the same to be supplied and all cost which may attend such removal and substitution shall be borne by the Contractor.

Clause 10-B::

A. > SECURED ADVANCE ON MATERIALS::
THE employer may pay to the contractor after entering into the contract or during the progress of the execution of the work on request upto 75% of the assessed value of any materials which are in the opinion of the Engineer-in-Charge non-perishable, non-fragile and non-combustible and are in accordance with the contract and which have been brought on the site in connection therewith and are adequately stored and/or protected against damage by weather or other cause but which have not at the time of advance been incorporated in the works. When materials on account of which an advance has been made under this sub-clause are incorporated in the work the amount of such advance shall be recovered/deducted from the next payment made under any of the clause or clauses of this contract.

B. > MOBILISATION ADVANCE:: No Mobilisation advance will be paid.

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C. > PLANT AND MACHINERY ADVANCE:: No advance will be paid.

D. > INTEREST APPLICABILITY:: Not applicable for the present case

Clause - 10 C:: ESCALATION:

The rate quoted shall be firm throughout the tenure of the contract including extension of time, if any, granted and will not be subject to any fluctuation due to increase in cost of materials, labour, etc. or any other tax. There shall be NO ESCALATION on the quoted rates.

The basic rates indicated in bill of quantities for material is only to facilitate the Bank to select the material. Any variation in the market price shall be absorbed by the contractor & no extra is payable by Bank.

Clause -10 D::

The contractor shall treat all materials obtained during dismantling of a structure, excavation of the site for a work, etc. as employer's property unless otherwise specified and such materials shall be handed over or disposed of to the best advantage of the Employer according to the instructions in writing issued by the Engineer-in-Charge.

Clause -11::

(i) THE contractor shall execute the whole and every part of the work in the most substantial and workman like manner and both as regards materials and otherwise in every respect in strict accordance with the specifications. “The contractor shall also conform exactly, fully and faithfully to the design, drawings and instructions in writing in respect of the work signed by the Engineer-in-Charge and the Contractor shall be furnished free of charge one copy of the contract documents together with specifications, designs, drawings and instructions as are not included in the standard specifications or in any Bureau of Indian Standard or any other, published standard or code or, Schedule of Rates or any other printed publication referred to elsewhere in the contract.

(ii) THE contractor shall comply with these provisions and with due care and diligence execute and maintain the works and provide all labour and materials, tools and plants including for measurements and supervision of all works, structural plans and other things of temporary or permanent nature required for such execution and maintenance in so far as the necessity for providing these, is specified or is reasonably inferred from these presents.

(iii) The Contractor shall take full responsibility for adequacy, suitability and safety of all the works and methods of construction.

Clause - 12:: DEVIATION/ VARIATIONS EXTENT & PRICING ::

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The Employer and /or The Engineer- in- Charge with the specific approval of the employer shall have power:-

(i) to make alteration in, omissions from, additions to or substitutions for the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work, and

(i) to omit a part of the works or Item of the works or reduce the quantity in case of non-availability of a portion of the site or for any other reasons and the contractor shall be bound to carry out the works in accordance with any instructions given to him in writing signed by the Engineer-in-Charge and such alterations, omissions, additions or substitution shall form part of the contract as if originally provided therein and any altered, additional or substituted work which the contractor may be directed to do in the manner specified above as part of the works, shall be carried out by the contractor on the same conditions in all respects including price on which he agreed to do the main work without any extra compensation except as hereafter provided:

(a) No work which radically changes the original nature of the contract shall be ordered by the Engineer-in-Charge as a deviation.

(a) In the event of any deviation being ordered which in the opinion of the Contractor changes the original nature of the Contract, he shall within fifteen days of having been so ordered bring this to the notice of the Engineer-in-Charge with the reasons but nevertheless carry it out and the disagreement as to the nature of work and the rate to be paid therefore shall be resolved in accordance with Clause 25.

Clause -12.1:: The time for completion of the works shall, in the event of any deviations resulting in additional cost over the contract sum being ordered, be extended by the employer if requested by the Contractor as follows ::

- In the proportion which the additional cost of the altered, additional or substituted work, bears to the original Contract sum plus

- 25% of the time calculated in (a) above or such further additional time as may be considered reasonable on the recommendations of by the Engineer-in-Charge.

Rates for such altered, additional or substituted work shall be determined by the Employer as follows on the recommendations of Engineer-in-Charge:

(i) If the rate for altered, additional or substituted item of work is specified in the Schedule of Quantities, the Contractor shall carry out the altered, additional or substituted item at the same rate. In the case of composite tenders, where two or more schedules of quantities may form part of the contact, the applicable rate shall be taken from the schedule of...
quantities of that particular part in which the deviation is involved, failing that at the lowest applicable rate for the same item of work in the other Schedules of Quantities.

(ii) If the rate for any altered, additional or substituted item of work is not specified in the Schedule of Quantities, the rate for that item shall be derived from the rate for the nearest similar item specified therein. In case of composite tenders where two or more schedule of quantities form part of the contract, the rate shall be derived from the nearest similar item in the Bills of Quantities of the particular part of works in which the deviation is involved failing that from the lowest of the nearest similar items in other schedule of quantities.

(iii) If the rate for altered, additional or substituted item of work cannot be determined in the manner specified in sub-para (i) and (ii) above, then such item of works shall be carried out at the rate entered in the Schedule of Rates plus/minus the percentage by which the tendered amount of the works actually awarded is higher or lower than the estimated amount of the works actually awarded.

(iv) If the rate for any altered, additional or substituted item of work cannot be determined in the manner specified in sub-para (i) to (iii) above, then the rate for such item of work shall be derived from the Schedule of Rates specified in sub-para (iii) above plus/minus the percentage mentioned in the sub-para (iii)above. In the case of materials issued by the Employer, issue rates of materials, with storage charges recovered, enhanced by two and a half percent for profits and overheads shall be adopted in place of schedule Rate plus percentage specified in sub-para(iii), Provided always that if rate(s) for part (s) of an item (s) for such part(s) shall be determined by the Engineer-in-Charge on the basis of the purchase price as supported by the vouchers plus ten per cent for profits and overheads unless the Engineer-in-Charge finds the purchase price unreasonable. In the latter event the price shall be determined on the basis of market rate(s) prevailing during the fortnight following the date of the order plus ten per cent for profit and overhead.

(v) If the rate for any altered, additional or substituted item of work cannot be determined in the manner specified in Sub-para (i) to (iv) above, the Contractor shall, within 15 days of the date of receipt of the order to carry out the said work, inform the Engineer-in-Charge of the rate which he proposes to claim for such item of work, supported by analysis of the rate claimed, and the Engineer-in-Charge shall within three months thereafter, after giving due consideration to the rate claimed by the Contractor, determine the rate on the basis of market rate(s). In the event of the Contractor failing to inform the Engineer-in-Charge within the stipulated period of time, the rate which he proposes to claim, the rate for such item shall be determined by the Engineer-in-Charge on the basis of market rate (s) only.

Clause -12.2 :: In the case of contract items, substituted items, contract cum substituted items or additional items which exceed the limits laid down in sub para (vi) of Condition 12.1 above, the contractor may, within fifteen days of receipt of order or occurrence of the excess claim revision of the rates, supported by proper analysis, for the work in

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excess of the above mentioned limits, provided that if the rates so claimed are in excess of the rates specified in the Schedule of Quantities. Engineer-in-charge shall, within sixty days of receipt of the claims supported by analysis, after giving consideration to the analysis of the rates submitted by the contractor, determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined. In the event of the contractor failing to claim revision of rates within the stipulated period, or if the rates determined by the Engineer-in-charge, No claims shall be entertained after the claim of the final bills.

Clause -12.3:: The provisions of the preceding paragraph shall also apply to the decrease in the rates of items. for the work in excess of the limits laid down in sub para (vi) of Condition 12.1 in accordance with the provisions or sub- paras (i) to (iv) of Condition 12.1 and the Engineer-in-Charge may after giving notice to the contractor within one month of the occurrence of the excess and after taking into consideration any reply received from him within fifteen days of receipt of the notice revise the rates for the work in question within one month of expiry of the said period of fifteen days having regard to the market rates.

Clause -12.4:: The contractor shall send to the Engineer-in-Charge once every week an up-to-date account giving complete details of all claims for additional payments to which the contractor may consider himself entitled and of all additional work ordered by the Engineer-in-Charge which he has executed during the preceding quarter failing which the contractor shall be deemed to have waived his right and to have no claim in the matter.

Clause -12.5 :: No increase or decrease of rates under clause 12.1, 12.2 and 12.3 shall be made unless within the stipulated period after the order of variation and before the commencement of such quantities a notice shall have been given in writing by the party claiming increase or decrease of rates.

Clause -13:: FORECLOSURE OF CONTRACT IN FULL OR IN PART
(i) The employer shall give notice in writing at any time after acceptance of the tender, if the Employer shall decide to abandon or reduce the scope of the works for any reason whatsoever and hence not require the whole or any part of the works to be carried out, to that effect to the Contractor and the contractor shall act accordingly in the matter and the Contractor shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he might have derived from the execution of the works in full but which he did not derive in consequence of the foreclosure of the whole or part of the works.

(ii) The employer may pay to the Contractor at Contract rates full amount for works executed at Site and, in addition, a reasonable amount as certified by the Engineer-in-Charge for the Items hereunder mentioned which could not be utilised on the work to the full extent in view of the foreclosure and the contractor expressly agrees for such payment without demur.

(a) Employer shall have the option to take over Contractor's materials or any part thereof either brought to site or of which the Contractor is legally bound to accept delivery.
from suppliers (for incorporation in or incidental to the work). For materials taken over or to be taken over by the Employer cost of such materials as detailed by Engineer-in-Charge shall be paid. The cost shall, however, take into account purchase price, cost of transportation and deterioration or damage which may have been caused to materials whilst in the custody of the Contractor.

(a) Reasonable compensation for repatriation of Contractor’s Site staff and imported labour to the extent necessary.

(a) The reasonable amount of items on (a), (c) and (d) above shall not be in excess of 2% of the cost of the work remaining incomplete on the date of closure, i.e., total stipulated cost of the work as per accepted tender less the cost of work actually executed under the contract and less the cost of contractor's materials at site taken over by the Employer as per item (b) above. Provided always that against any payments due to the contractor on this account or otherwise, the Employer shall be entitled to recover or be credited with any outstanding balances due from contractor for advances paid in respect of any tool, plants and materials and any other sums which at the date of termination were recoverable by the employer from the contractor under the terms of the contract.

(iii) If any materials supplied by the Employer are rendered surplus, the same except normal wastage shall be returned by the Contractor to the Employer at the rates not exceeding those at which these were originally issued less allowance for any deterioration or damage which may have been caused whilst the materials were in the custody of the Contractor. In addition cost of transporting such materials from site to the Employers stores, if so required by the Employer shall be paid.

(iv) THE Contractor shall, if required by the Employer/Engineer-in-Charge furnish to him books of account, wage books, time sheets and other relevant documents and evidence as may be necessary to enable him to certify the reasonable amount payable under this Condition.

Provided always that against any payments due to the contractor on this account or otherwise, the Employer shall be entitled to recover or be credited with any outstanding balances due from the contractor for advance paid in respect of any tool, plants and materials and any other sums which at the date of termination were recoverable by the Government from the contractor under the terms of the contract.

A compensation for such eventuality, on account of damages etc. shall be payable @ 0.5% of cost of work remaining incomplete on date of closure i.e. total stipulated cost of the work less the cost of work actually executed under the contract shall be payable.

Clause -14:: CANCELLATION OF CONTRACT IN FULL OR PART ::

- If contractor ::
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(a) at any time makes default in proceeding with the works or any part of the work with due diligence or poor quality of work / workmanship or non-compliance of contract specifications and continues to do so after a notice in writing of 7 days from the Employer and or Engineer-in-Charge; or

(a) commits default in complying with any of the terms and conditions of the Contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the Employer and or Engineer-in-Charge; or

(a) fails to complete the works or items of work with individual dates of completion, on or before the date(s) of completion, and does not complete them within the period specified in a notice in writing is given to him in that behalf by the Employer and or Engineer-in-Charge; or

(a) shall offer or give or agree to give to any person in Bank service or to any other person on his behalf any gift or consideration of any as an inducement or reward for doing or for bearing to do or for having done or forborne to do any act in relation to the obtaining or execution of this or any other Contract for the Employer or;

(a) shall enter into a Contract with the Bank in connection with which commission has been paid or agreed to be paid by him or his knowledge, unless the particulars of any such commission and the terms of payment thereof have been previously disclosed in writing to the Employer /Engineer-in-Charge; or

(a) shall obtain a Contract with the Employer as a result of wrong tendering or other non-bona-fide methods of competitive tendering; or being an individual, or in a firm, any partner thereof shall at any time be adjudged insolvent or have a receiving order or order for administration of his estate made against him or shall take any proceedings for liquidation or composition (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or composition or arrangement for the benefit of his creditors or purport so to do, or if any application be made under any Insolvency Act for the to me being in force for the sequestration of his estate or if a trust deed be executed by him for benefit of his creditors; or

(a) being a company, shall pass a resolution or the Court shall make an order for the winding up of the company or a receiver or manager on behalf of the debenture holders or others shall be appointed or circumstances shall arise which entitle the Court or debenture holders to appoint a receiver or manager; or

(a) shall suffer an execution being levied on his goods and allow it to be continued for a period of 21 days; or

(a) assigns, transfers, sublets (engagement of labour on a piece-work basis or of labour with materials not to be incorporated in the work, shall not be deemed
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(a) the Accepting Authority may, without prejudice to any other right or remedy which shall have accrued or shall accrue thereafter to the Employer, by a notice in writing cancel the contract as a whole or only such of items in default from the Contractor.

The Employer / Engineer-in-Charge shall on such cancellation by the accepting authority have powers to, for which the Contractor shall hereby unconditionally agree ::

(a) to take possession of the Site and any materials, constructional plant, implements, stores, etc., thereon; and/or
(b) to carry out the incomplete work by any means at the risk and cost of the Contractor.

- On cancellation of the Contract in full or in part, the Engineer-in-Charge shall determine what amount, if any, is recoverable from the Contractor for completion of the works or part of the Works or in case the Works or part of the Works is not to be completed, the loss or damage suffered by the Employer. In determining the amount, credit shall be given to the Contractor for the value of the work executed by him up to the time of cancellation, the value of Contractors' materials taken over and incorporated in the work and use of tackle and machinery belonging to the Contractor.

iii.> Any excess expenditure incurred or to be incurred by the Employer in completing the Works or part of the Work or the excess, loss or damages suffered or may be suffered by the Employer as aforesaid after allowing such credit shall without prejudice to any other right or remedy available to Employer in law be recovered from any money due to the Contractor on any account, and if such moneys are not sufficient the Contractor shall be called upon in writing and shall be liable to pay the same within 30 days.

iv.> If the Contractor shall fail to pay the required sum within the aforesaid period of 30 days, the Engineer-in-Charge with the approval of the Employer shall have the right to sell any or all of the Contractor's unused materials, constructional plant, implements, temporary buildings, etc. and adjust the proceeds of sale thereof towards the satisfaction of any sums due from the Contractor under the Contract and if thereafter there be any balance outstanding from the Contractor, it shall be recovered in accordance with the provisions of the Contract.

v.> Any sums in excess of the amounts due to the Employer and unsold materials, constructional plant, etc., shall be returned to the Contractor, provided always that if cost or anticipated cost of completion by the Employer of the Works or part of the Works is less than the amount which the Contractor would have been paid had he completed the Works or part of the Works, such benefit shall not accrue to the Contractor.

In the event of above course being adopted by the Engineer-in-Charge, the contractor shall have no claim to compensation for any loss sustained by him by reason of his having
purchased or procured any materials or entered into any engagements or made any advance on any account or with a view to the execution of the work or the performance of the contract.

Clause -15 :: SUSPENSION OF WORK ::

a) The Contractor shall, on receipt of the order in writing of the Employer, whose decision shall be final and binding on the Contractor, suspend the progress of the Works or any part thereof for such time and in such manner as the Employer may consider necessary so as not to cause any damage or injury to the work for any of the following reasons ::

   (i) on account of any default on the part of the Contractor or;
   (ii) for proper execution of the works or part thereof for reasons other than the default of the Contractor; or
   (iii) for safety of the Works or part thereof.

The Contractor shall, during such suspension, properly protect and secure the Works to the extent necessary and carry out the instructions given in that behalf by the Engineer-in-Charge.

b) If the suspension is ordered for reasons (ii) and (iii) in sub para (a) above.

   (i) the contractor shall be entitled to an extension of time equal to the period of every such suspension PLUS 25%, for completion of the item or group of items of work for which a separate period of completion is specified in the Contract and of which the suspended work forms a part; and

   (i) If the total period of all such suspensions in respect of an item or group of items of work for which a separate period of completion is specified in the Contract exceeds thirty days, the Contractor shall, in addition, be entitled to such compensation as the Employer/Engineer-in-Charge may consider reasonable, in respect of salaries and/or wages paid by the Contractor to his employees and labour at Site, remaining idle during the period of suspension, adding thereto the percentage mentioned in to cover all other expenses including indirect expenses of the Contractor, provided the Contractor submits his claim supported by details to the Employer within fifteen days of the expiry of the period of 30 days.

c) If the Works or part thereof is suspended on the orders of the Employer for more than three-months at a time, except when suspension is ordered for reason (i) in sub-para (a) above, the Contractor shall after receipt of such order serve a written notice on the Employer requiring permission within fifteen days from receipt by the Employer of the said notice, to proceed with the Works or part thereof in regard to which progress has been suspended. If such permission is not granted within that time, the Contractor, if he intends to treat the suspension, where it affects only a part of the works as an omission of such part by the Employer or where it affects whole of the Works, as an
abandonment of the Works by the Employer shall within ten days of expiry of such period of 15 days give notice in writing of his intention to the Employer. In the event of the Contractor treating the suspension as an abandonment of the Contract by the Employer, he shall have no claim to payment of any compensation on account of any profit or advantage which he might have derived from the execution of the work in full but which he could not derive in consequence of the abandonment. He shall, however, be entitled to such compensation, as the Engineer-in-Charge may consider reasonable, in respect of salaries and/or wages paid by him to his employees and labour at Site, remaining idle in consequence and of materials collected which could not be utilised on the Works, adding to the total thereof the percentage mentioned to cover all other expenses including indirect expenses of the Contractor provided the contractor submits his claim supported by details to the Employer within 30 days of the expiry of the period of 3 months; Provided, further, that the contractor shall not be entitled to claim any compensation from the Employer for the loss suffered by him on account of delay by the Employer in the supply of materials, where such delay is covered by difficulties relating to the supply of wagons, force majeure including non-allotment of such materials by controlling authorities, acts of God, acts of enemies of the state/country or any reasonable cause beyond the control of the Employer.

Clause -16:: INSPECTION ::

(i) All works under or in course of execution or executed in pursuance of the Contract shall be at all times be open and accessible to the inspection and supervision of the Engineer-in-Charge and or Employer, his authorised subordinates in charge of the work and to all his superior officers of the Quality Control Organisation of the Employer or any Consultant of the Employer and of the Chief Technical Examiner’s Office under Central Vigilance Commission.

(ii) The Contractor shall at all times during the usual working hours and at all other times at which reasonable notice of the visit of such officers has been given to the contractor, either himself be present to receive orders and instructions and inspections or have a responsible agent duly accredited in writing present for that purpose. Orders given to the contractor’s agent shall be considered to have the same force as if they had been given to the Contractor himself.

(iii) If it shall appear to the Engineer-in-Charge and or Employer or his authorised subordinates in-charge of the work or to the Engineer in charge of Quality Control or any Consultant of the Employer or the Chief Technical Examiner, that any work has been executed with unsound, imperfect, or unskillful workmanship, or with materials or articles provided by him for the execution of the work which are unsound or of a quality inferior to that contracted or otherwise not in accordance with the contract, the contractor shall, on demand in writing, which shall be made within twelve months of the completion of the work, from the Employer and or Engineer-in-Charge specifying the work, materials or articles complained of notwithstanding that the same may have been passed, certified and paid for, forthwith rectify, or remove and reconstruct the work so specified in whole or in part, as the case may require or as the case may be, remove the materials or articles so specified and provide other proper and suitable materials or articles at his own charge
and cost. In the event of the contractor failing to do so within a period specified by the Employer / Engineer-in-Charge in his demand aforesaid, then the contractor shall be liable to pay compensation at the same rate as under the clause 2 for non-completion of the work in time for this default.

IN such case the Engineer-in-Charge may not accept the item of work at the rates applicable under the contract but may accept such items at reduced rates as the Employer or the competent authority may consider reasonable during the preparation of on account bills or final bill if the item is so acceptable without detriment to the safety and without substantially affecting the utility of the item and the structure or he may reject the work outright without any payment and/or get it and other connected and incidental items rectified, or removed and re-executed at the risk and cost of the contractor. Decision of the Engineer-in-Charge to be conveyed in writing in respect of the same will be final and binding on the contractor.

Clause -17::
If the contractor or his working people or servants shall break, deface, injure or destroy any part of building in which they may be working, or any building, road, road curb, fence, enclosure, water pipe, cables, drains, electric or telephone post or wires, trees, grass or grass land, or cultivated ground contiguous to the premises on which the work or any part is being executed, or if any damage shall happen to the work while in progress, from any cause whatever or if any defect, shrinkage or other faults appear in the work within twelve months after a certificate final or otherwise or its virtual completion shall have been given by the Employer/Engineer-in-Charge as aforesaid arising out of defect or improper materials or workmanship the contractor shall upon receipt of a notice in writing on that behalf make the same good at his own expense or in default the Employer/Engineer-in-Charge cause the same to be made good by other workmen and deduct the expense from any sums that may be then or at any time thereafter may become due to the contractor, or from his security deposit, may be refunded after the expiry of six months (after the virtual completion of the work) or after the final bill has been prepared and passed whichever is later, and the remaining fifty (50) percent of the Security Deposit shall be refunded fourteen (14) days after the expiry of the defect liability period of twelve months after the completion of the work except for water proofing works, provided that all the works are carried out as per specifications and condition of contract and all the defect and damages are rectified satisfactorily to the satisfaction of the Employer/Engineer-in-Charge / Architect.

Clause -18::
The contractor shall provide at his own cost all materials (except such special materials, if any as may in accordance with the contract be supplied by the Employer), plant, tools, appliances, 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 specification or other documents forming part of the contract or referred to in these conditions or not, or which may be necessary for the purpose of satisfying or complying with the requirements of the Engineer-in-Charge as to any matter as to which under these conditions he is entitled to be satisfied, or which

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he is entitled to require together with carriage therefor to and from the work. The contractor shall also supply without charge the requisite number of persons with the means and materials, necessary for the purpose of setting out works, and counting, weighing and assisting the measurement for examination at 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 this contract or otherwise and or from his security deposit or the proceeds of sale thereof, or of a sufficient portions thereof.

Clause -18 A::

In every case in which by virtue of the provisions sub-section of Section 12, of the Workmen's Compensation Act, 1923, Employer is obliged to pay compensation to a workman employed by the contractor, in execution of the works, Employer shall be entitled to recover from the contractor the amount of the compensation so paid; and, without prejudice to the rights of the Employer under sub-Section 12, of the said Act, Employer shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due by the Employer to the contractor whether under this contract or otherwise. The Employer shall not be bound to contest any claim made against it under Section 12, of the said Act, except on the written request of the contractor and upon his giving to the Employer full security for all cost for which the Employee might become liable in consequence of contesting such claim.

Clause -18 B::

In every case in which by virtue of the provisions of the Contract Labour (Regulation and Abolition) Act 1970, and of the Contract Labour (Regulation and Abolition) Central Rules, 1971, the Employer is obliged to pay any amounts of wages to a workman employed by the contractor in execution of the works, or to incur any expenditure in providing welfare and health amenities required to be provided under the above said Act and the rules under Clause 19H or under the Contractors’ Labour Regulations, or under the Rules framed by the State or Central Employer from time to time for the protection of health and sanitary arrangements for workers employed by the Contractors, the Employer shall be entitled to recover from the contractor the amount of wages so paid or the amount of expenditure so incurred; and without prejudice to the rights of the Employer under sub-Section (2) of Section 20, and sub-Section (4) of Section 21, of the Contract Labour (Regulation and Abolition) Act, 1970, the Employer shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due by the Employer to the contractor whether under this contract or otherwise. The Employer shall not be bound to contest any claim made against it under sub-Section (1) Section 20 and sub-Section (4) of Section 21, or any other provisions of the said Act, except on the written request of the contractor and upon his giving to the Employer full security for all costs for which the Employer might become liable in contesting such claim.

Clause -19::

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The contractor shall obtain a valid license under the Contract Labour (R&A) Act, 1970, and the Contract Labour (Regulation and Abolition) Central Rules, 1971, before the commencement of the work, and continue to have a valid license until the completion of the work. The contractor shall also abide by the provisions of the Child Labour (Prohibition and Regulation) Act, 1986.

The contractor shall also comply with the provisions of the building and other Construction Workers (Regulation of Employment & Conditions of Service) Act, 1996 and the building and other Construction Workers Welfare Cess Act, 1996.

Any failure to fulfil these requirements shall attract the penal provisions of this contract arising out of the resultant non-execution of the work.

Clause -19 A::

NO labour below the age of eighteen years shall be employed on the work.

Clause -19 B:: PAYMENT OF WAGES ::

a) The contractor shall pay to labour employed by him either directly or through sub-contractors, wages not less than fair wages as defined as per the provisions of the Contract Labour (Regulation and Abolition) Act 1970, and the Contract Labour (Regulation and Abolition) Central Rules, 1971 wherever applicable. Such wages paid shall not less than the wages fixed by the state and/or Central Employer under the Minimum Wages Act applicable to the work.

b) The contractor shall, notwithstanding the provisions of any contract to the contrary, cause to be paid fair wage to labour indirectly engaged on the work, including any labour engaged by his sub-contractors in connection with the said work, as if the labour had been immediately employed by him.

c) In respect of all labour directly or indirectly employed in the works for performance of the contractor’s part of this contract, the contractor shall comply with or cause to be complied with the Contractor’s Labour Regulations made by Employer and or the Employer (State and Central) from time to time in regard to payment of wages, wage period, deductions from wages, recovery of wages not paid and deductions unauthorisedly made, maintenance of wage books or wage slips, publication of scale of wages and other terms of employment, inspection and submission of periodical returns and all other matters of the like nature or as per the provisions of the Contract Labour (Regulation and Abolition) Act, 1970, and the Contract Labour (Regulation and Abolition) Central Rules, 1971, wherever applicable.

d) (i) The Employer and/or his Engineer-in-Charge concerned shall have the right to deduct from the moneys due to the contractor any sum required or estimated to be required for making good the loss suffered by a worker or workers by reason of non-fulfillment of the conditions of the contract for the benefit of the workers,
non-payment of wages or of deductions made from his or their wages which are not justified by their terms of the contract or non-observance of the Regulations.

(ii) Under the provision of Minimum Wages (Central) Rules 1950, the contractor is bound to allow to the labour directly or indirectly employed in the works one way rest for 6 days continuous work and pay wages at the same rate as for duty. In the event of default the Employer and or Engineer-in-Charge shall have the right to deduct the sum or sums not paid on account of wages for weekly holidays to any labour and pay the same to the persons entitled thereto from any money due to the contractor by the Employer.

In cases where the State Government or Government of the Union of India where all inclusive minimum daily wages are fixed and such wages are inclusive of wages for the weekly day of rest, the question of extra payment for weekly holiday would not arise.


f) The contractor shall indemnify and keep indemnified the Employer against payments to be made under and for the observance of the laws aforesaid and the Contractors' Labour Regulations without prejudice to his right to claim indemnify from his sub-contractors.

g) The laws aforesaid shall be deemed to be a part of this contract and any breach thereof shall be deemed to be a breach of this contract.

h) Whatever is the minimum wage for the time being, or if the wage payable is higher than such wage, such wage shall be paid by the contractor to the workmen directly without the intervention of Jamadar and that Jamadar shall not be entitled to deduct or recover any amount from the minimum wage payable to the workmen as and by way of commission or otherwise.

The Contractor shall ensure that no amount by way of commission or otherwise is deducted or recovered by the Jamadar from the wage of workmen.

Clause -19 C::

IN respect of all labour directly or indirectly employed in the work for the performance of the contractor's part of this contract, the contractor shall at his own expense arrange for the safety provisions as per Government and Employer's safety Code framed from time to time and shall at his own expense provide for all facilities in connection therewith. In case the contractor fails to make arrangement and provide necessary facilities as aforesaid he shall be liable to pay a penalty of Rs.200/- for each default and in addition the Engineer-in-Charge shall be at liberty to make arrangement and provide facilities as aforesaid and recover the costs incurred in that behalf from the contractor.
Clause -19 D::

THE contractor shall submit report on every week end, to the Engineer-in-Charge a true statement showing the following:

1. the number of labourers employed by him on the work.
2. their working hours,
3. the wages paid to them,
4. the accidents that occurred during the week showing the circumstances.
5. the number of female workers who have been allowed Maternity Benefit according to Clause 19F and the amount paid to them.

Failing which the contractor shall be liable to pay to Employer a sum not exceeding Rs.200/- for each default or materially incorrect statement. The decision of the Engineer-in-Charge shall be final in deducting from any bill due to the contractor the amount levied as fine and be binding on the Contractor.

Clause -19 E::

The contractor shall comply with or cause to be complied with all the rules framed by the State and / or Central Government from time to time for the protection of health and sanitary arrangements for workers employed, in respect of all labour directly or indirectly employed in the works for the performance of the contractor's part of this contract.

Clause -19 F::

The Contractor shall maintain appropriate records for LEAVE and pay during leave and the same shall be regulated as per relevant / latest labour laws.

Clause -19 G :: DEFAULT AS TO REGULATIONS / RULES ::

(i) In the event of the contractor(s) committing a default or breach of any of the provisions of Contractors' about Regulations and Model Rules for the protection of health and sanitary arrangements for the workers as amended from time to time or furnishing any information or submitting or filling any statement under the provisions of the above Regulations and Rules which is materially incorrect, the contractor shall without prejudice to any other liability pay to the Employer a sum not exceeding Rs.100/- for every default, breach or furnishing, making, submitting, filing such materially incorrect statements and in the event of the contractor(s) defaulting continuously in this respect, the penalty may be enhanced to Rs.50/- per day for each day of default subject to a maximum of 5 percent of the estimated cost of the work put to tender. The decision of the Engineer-in-Charge / Employer shall be final and binding on the contractor s.

(ii) Should it appear to the Engineer-in-Charge/ Employer that the contractor(s) is/are not properly observing and complying with the provisions of the Contractor's Labour Regulations and Model Rules and the provisions of the Contract Labour (Regulation and Abolition) Act 1970, and the Contract Labour (R & A) Central Rules 1971, for the protection of health

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
and sanitary arrangements for work-people the Engineer-in-Charge/ Employer shall have power to give notice in writing to the contractor(s) requiring that the said Rules be complied with and the amenities prescribed therein be provided to the work-people within a reasonable time to be specified in the notice. If the contractor(s) shall fail within the period specified in the notice to comply with and observe the said Rules and to provide the amenities to the work-people as aforesaid, the Engineer-in-Charge shall have the power to provide the amenities hereinbefore mentioned at the cost of the contractor(s). The contractor(s) shall erect, make and maintain at his/their own expenses and approved standards all necessary huts and sanitary arrangements required for his/their work-people on the site in connection with the execution of the works, and if the same shall not have been erected or constructed, according to approved standards, the Engineer-in-Charge/ Employer shall have power to give notice in writing to the contractor(s) requiring that the said huts and sanitary arrangements be remodeled and/or reconstructed according to approved standards, and if the contractor(s) shall fail to remodel reconstruct such huts and sanitary arrangements according to approved standards within the period specified in the notice, the Engineer-in-Charge/ Employer shall have the power to remodel or reconstruct such huts and sanitary arrangements according to approved standards at the cost of the contractor(s).

Clause -19 - I :: COMPLIANCE AS TO EMPLOYEES' SERVICE ::

THE Engineer-in-Charge/ Employer may require the contractor to dismiss or remove from the site of the work any person or persons in the contractors' employment who may be incompetent or misconduct himself or undesirable person and the contractor shall forthwith comply with such requirements.

Clause -19- K :: ILLEGAL OCCUPATION ::

The contractor shall undertake to see that the building under repairs is not occupied by anybody unauthorisedly during construction, and is handed over to the Employer through his Engineer-in-Charge with vacant possession of complete building. If such building though completed is occupied illegally, then the Employer shall have the option to refuse to accept the said building/buildings in that position, and delay in acceptance on this account will be treated as delay in completion and for such delay a levy upto 5% of estimated cost put to tender may be imposed by the Employer whose decision shall be final both with regard to the justification and quantum and be binding on the Contractor.

However, the Employer may request the contractor through a notice to remove the illegal occupation any time on or before construction and delivery.

Clause - 20 :: COMPLIANCE WITH STATUTE ::

THE Contractor shall comply with all the provisions of the Minimum Wages Act, 1948, Contract Labour (Regulation and Abolition) Act 1970, EPF & MP Act 1952, ESI Act and amendments from time to time and rules framed thereunder and other labour laws affecting contract labour that may be brought into force from time to time.
Clause - 21 :: ASSIGNMENT ::

The contract shall not be assigned or sublet without the written approval of the Employer. And if the contractor shall assign or sublet his contract, or attempt to do so, or become insolvent or commence any insolvency proceedings or make any composition with his creditors or attempt to do so, or if any bribe, gratuity, gift, loan, perquisite, reward or advantage pecuniary or otherwise, shall either directly or indirectly, be given, promised or offered by the contractor, or any of his servants or agent to any officer or person in the employ of the Employer in any way relating to his office or employment, or if any such officer or person shall become in any way directly or indirectly interested in the contract, the Employer shall have power to adopt any of the courses specified in Clause 3 hereof as he many deem best suited to the interest of the Employer and in the event of any of these courses being adopted the consequences specified in the said Clause 3 shall ensue.

Clause - 22 :: REASONABLE COMPENSATION ::

All sums payable by way of compensation under any of these conditions shall be considered as reasonable compensation to be applied to the use of the Employer without reference to the actual loss or damage sustained.

Clause - 23 :: APPROVAL FOR CHANGE IN CONSTITUTION ::

Where the contractor is a partnership firm, the previous approval in writing of the Employer shall be obtained before any change is made in the constitution of the firm. Where the contractor is an individual business concern such approval as aforesaid shall likewise be obtained before the contractor enters into any partnership agreement where under the partnership firm would have the right to carry out the works hereby undertaken by the contractor. If previous approval as aforesaid is not obtained, the contract shall be deemed to have been assigned in contravention of Clause 21 hereof and the same action may be taken, and the same consequences shall ensue as provided in the said Clause 21.

Clause - 24 :: DIRECTIONS AS TO WORK ::

All works to be executed under the contract shall be executed under the direction and subject to the approval in all respects of the Engineer-in-Charge/ Employer who shall be entitled to direct at what point or points and in what manner are to be commenced, and from time to time carried on.

Clause - 25 :: SETTLEMENT OF DISPUTES AND ARBITRATION ::

(i) It shall be accepted as an inseparable part of the contract that in matters regarding conditions & clauses of contract, quality of materials, workmanship, removal or rejection of improper work, interpretation of the drawings and specifications, measurements of materials and/or items of work, mode of procedure and carrying out of the work, the decision of the Employer which shall be given in writing, shall be final, conclusive and binding on the contractor.

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
ii) (A) If the contractor considers any work demanded of him to be outside the requirements of the contract, or considers any drawings record or decision given in writing by the Engineer-in-Charge on any matter in connection with or arising out of the contract or carrying out of work, to be unacceptable, he shall promptly within 15 days request the Accepting Authority in writing for written instruction or decision. Thereon, the Accepting Authority shall give his written instructions or decision within a period of two months from the receipt of the contractor's letter.

(B) Upon receipt of such written instructions or decision the contractor shall promptly proceed without delay to comply with such instructions or decisions. If the Accepting Authority fails to give his instructions or decision in writing within a period of two months after being requested or if the contractor is dissatisfied with the instructions or decision of the Accepting Authority Employer, the Contractor may within 30 days appeal to the Appointing Authority who shall afford an opportunity to the contractor to be heard and to offer evidence in support of his appeal and give his decision in writing within a period of Thirty (30) days from the receipt of the contractor’s request. If the contractor is dissatisfied with the decision of the appointing authority, then the contractor shall within a period of Thirty (30) days from receipt of the decision of the Appointing authority shall indicate his intention to refer the dispute to Arbitration, failing which the said decision of the Appointing authority shall be final and conclusive and not referable to adjudication by the Arbitrator.

iii) All disputes or differences in respect of which decisions have not been final, binding and conclusive as above shall be referred for adjudication by the arbitration by a Sole Arbitrator appointed as follows:

Within Thirty (30) days of receipt of notice from any party to the contract for appointment of the Arbitrator the Appointing authority, in charge of the work at the time of such appointment shall send to the contractor a panel of three names of persons who shall not presently be connected with the work.

The contractor shall within fifteen (15) days of receipt of this list select and communicate to the Appointing authority the name of one person from the list who shall then be appointed as the sole arbitrator by the Appointing authority.

If contractor fails to communicate his selection of name of the person, within Fifteen (15) days as stipulated, the Appointing authority shall without delay select one person from the list and appoint him as Sole Arbitrator.

If the Appointing authority fails to send such a list within Thirty (30) days as stipulated, the contractor shall send a similar list to the Appointing authority within fifteen (15) days. The Appointing authority shall then select one person from the list and appoint him as the Sole Arbitrator within Thirty (30) days of the receipt of the list. If the Appointing authority fails to do so then the contractor shall communicate to the Appointing authority the name of one person from the list who shall then be the Sole Arbitrator.
If the Arbitrator so appointed is unable or unwilling to act or resigns his appointment or vacates his office due to any reason whatsoever another sole Arbitrator shall be appointed in the manner aforesaid. Such person shall be entitled to proceed with the reference from the stage at which it was left by his predecessor.

iv) It is term of this contract that the party invoking arbitration shall give a list of disputes with amounts claimed in respect of each such dispute along with the notice for appointment of arbitrator and giving reference to the rejection by the Appointing authority of the appeal and a copy of his notice(s) of intention to refer the dispute to arbitration of such disputes as mentioned in Part (ii) above failing which the notice for appointment of the Arbitrator shall not be treated as notice for appointing the arbitrator.

v) It is also a term of this contract that no person other than a person appointed by Appointing authority, in charge of the work as aforesaid should act as arbitrator and if for any reason that is not possible, the matter shall not be referred to arbitration at all.

vi) It is also a term of the contract that if the contractor does not make any demand for appointment of arbitration in respect of any claims in writing as aforesaid within 90 days of receiving the intimation from the Appointing authority that the final bill is ready for payment, the claim of the contractor shall be deemed to have been waived and absolutely barred and the Employer shall be discharged and released of all liabilities under the contract in respect of these claims. No party shall be entitled to bring any claim to arbitration if the arbitrator has not been appointed before the expiry of sixty days after defect liability period.

vii) The arbitration shall be conducted in accordance with the provisions of the Indian Arbitration and Conciliation ACT 1996, or any statutory modification or re-enactment thereof and the rules made thereunder and for the time being in force shall apply to the arbitration proceeding under this clause.

viii) The Arbitrator may from time to time with the consent of the parties enlarge the time for making and publishing the award.

ix) It is also a term of this contract that the Arbitrator shall ad judicial on only such disputes as are referred to him by the appointing authority and give separate award against every dispute and claim referred to him and in all cases where the total amount of the claims by any party exceed the amount, the arbitrator shall give reasons for the award separately for every dispute.

(i) It is also a term of the contract that any fees, TA, DA and other charges are payable to the Arbitrator shall be paid by both the parties equally.

(i) The venue of the arbitration shall be such a place as may be fixed by the Arbitrator in his sole discretion.
xi) It is also a term of the contract that the Arbitrator shall be deemed to have entered on
the reference on the date of first hearing. The fees, and charges of the Arbitrator shall, if
required to be paid before the award is made and published, be paid half and half by each
of the parties. The cost of the reference and of the award (including the fees, if any, of
the Arbitrator) shall be in the discretion of the Arbitrator who may direct to and by
whom and in what manner, such costs or any part thereof shall be paid and fix or settle
the amount of costs to be so paid.

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

Clause - 26:: INDEMNITY ::

The Contractor shall keep and hold the Employer & Architect indemnified and harmless
from time to time and at all times against all actions, prosecutions proceedings, claims,
suits, liabilities (including statutory liability), penalties, demands, charges, costs (including
legal costs) and expenses, damages, losses and any other expenses which may be caused to
or suffered by or made or taken against the Employer arising out of:

- The breach, default or non-performance of undertakings, warranties, covenants or
  obligations by the contractor, non-compliance of safety rules, regulations, instructions by
  the contractor and mishaps occurring at the site due to faulty work executed by the contractor.

- Any contravention or Non-compliance with any applicable laws, regulations, rules,
  statutory or legal requirements by the Bidder.

Further, the Contractor shall indemnify, protect and save the Employer against all claims,
losses, costs, damages, expenses, action suits and other proceedings, resulting from
infringement of any law pertaining to patent, trademarks, copyrights etc. or such other
statutory infringements in respect of the services offered by the contractor.

All Indemnities shall survive notwithstanding expiry or termination of the contract and
contractor shall continue to be liable under the indemnities.

There is no limit to claims made by the Employer / third parties in case of infringement of
Intellectual property rights or for claims relating to the loss of damage to real property and
tangible personal property and for bodily injury or death and in these cases the liability will
be unlimited “.

Indemnity format is enclosed as Annexure - 20. The same to be duly filled and submitted
by the successful bidder in a non-judicial stamp paper of appropriate value.

Clause - 27:: ESTIMATE ::

When the estimate on which a tender is made includes lump sum in respect of parts of
the work the contractor may be entitled to payment in respect of the items of work
involved or the part of the work in question at the same rates as are payable under this
contract for such items, or if the part of the work in question is not, in the opinion of the
Engineer-in-Charge capable of measurement, the Employer may at his discretion pay the
lump-sum amount entered in the estimate, and the certificate in writing of the Employer
shall be final and conclusive against the contractor with regard to any sum or sums payable to him under the provisions of the clause.

Clause -28:: ACTION WHERE NO SPECIFICATIONS ARE SPECIFIED::
In the case of any class of work for which there is no such specifications as referred to in Clause 11, such work shall be carried out in accordance with the Bureau of Indian Standards Specifications. In case there are no such specifications in Bureau of Indian Standards, the work shall be carried out as per manufacturers’ specifications, if not available then as per District Specifications. In case there are no such specifications as required above, the work shall be carried out in all respects in accordance with the instructions and requirements of the Engineer-in-Charge.

Clause - 29:: LIEN ::

(a) Whenever any claim or claims for payment of a sum of money arises out of or under the contract against the contractor, the Engineer-in-Charge or the Employer shall be entitled to withhold and also have a lien to retain such sum or sums in whole or in part from the security, if any deposited by the Contractor and for the purpose aforesaid, the Engineer-in-Charge or the Employer shall be entitled to withhold the security deposit, if any, furnished as the case may be and also have a lien over the same pending finalization or adjudication of any such claim. In the event of the security being insufficient to cover the claimed amount or amounts or if no security has been taken from the contractor, the Engineer-in-Charge or the Employer shall be entitled to withhold and have a lien to retain to the extent of such claimed amount or amounts referred to above, from any sum or sums found payable or which may at any time thereafter become payable to the contractor under the same contract or any other contract with the Employer pending finalization or adjudication of any such claim.

(b) Any sum of money due and payable to the contractor (including the security deposit returnable to him) under the contract may be withheld or retained by way of lien by the Engineer-in-Charge or the Employer or any other contracting person or persons through Engineer-in-Charge against any claim of the Engineer-in-Charge or the Employer or such person or persons in respect of payment of a sum of money arising out of or under any other contract made by the contractor with the Engineer-in-Charge or the Employer or with such other person or persons.

(a) It is an agreed term of the contract that the sum of money or moneys so withheld or retained under the lien referred to above by the Engineer-in-Charge or the Employer will be kept withheld or retained as such by the Engineer-in-Charge or the Employer till the claim arising out of or under the contract is determined by the arbitrator (if the contracts governed by the arbitration clause) or by the competent court, as the case may be and that the contractor will have no claim for interest or damages whatsoever on any account in respect of such withholding or retention under the lien referred to above and duly notified as such to the contractor. For the purpose of this clause, where the contractor is a partnership firm or a limited company, the Engineer-in-Charge or the Employer shall be entitled to withhold and also have a lien to retain towards such claimed amount or amounts in whole or in part from any sum

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Clause -29 A:: RIGHT TO AUDIT/TECHNICAL EXAMINATION ::

The Employer shall have the right to cause an audit and technical examination of the works and the final bills of the contractor including all supporting vouchers, abstract, etc., to be made even after payment of the final bill and if as a result of such audit and technical examination any sum is found to have been overpaid in respect of any work done by the contractor under the contract or any work claimed to have been done by him under the contract and found not to have been executed, the contractor shall be liable to refund the amount of over-payment and it shall be lawful for the Employer to recover the same from him in the manner prescribed in clause 29 or in any other manner legally permissible and if it is found that the contractor was paid less than what was due to him under the contract in respect of any work executed by him under it, the amount of such under payment shall be duly paid by the Employer to the contractor, without any interest thereon; Provided that the contractor shall not be entitled to payment of any sum paid short where such payment has been agreed upon between the Employer and Engineer-in-Charge on the one hand and the contractor on the other under any term of the contract permitting payment for work after assessment by the Employer and Engineer-in-Charge.

Clause - 30:: CONTROLLED AREA LABOUR ::

THE contractor shall not employ coal mining or controlled area labour falling under any category whatsoever on or in connection with the work or recruit labour from area within a radius of 32 km (20 miles) of the controlled area Subject as above the contractor shall employ imported labour only i.e., depot imported labour or labour imported by contractors from area, from which import is permitted. Where ceiling price for imported labour has been fixed by State or Regional Labour Committees not more than that ceiling price shall be paid to the labour by the contractor.

The contractor shall immediately remove any labourer who may be pointed out by the Engineer-in-Charge as being a coal mining or controlled area labourer. Failure to do so shall render the contractor liable to pay to Government a sum calculated at the rate of Rs.10/- per day per labour. The certificate of the Engineer-in-Charge about the number of coal mining or controlled area labourer and the number of days for which they worked shall be final and binding upon all parties to this contract.

The aforesaid stipulation in this clause is one in which the public are interested within the meaning of the exception in Section 74 of Indian Contract Act, 1872.

Any area which may be declared a ‘controlled Area’ by or with the approval of the Central Government.

Clause - 31 :: WATER SUPPLY
The contractor(s) shall make his/their own arrangements for water required for the work and nothing extra will be paid for the same. This will be subject to the following conditions:

(i) That the water used by the contractor(s) shall be fit for construction purposes to the satisfaction of the Engineer-in-Charge.

(ii) The Engineer-in-Charge shall make alternative arrangements for supply of water at the risk and cost of contractor(s) if the arrangements made by the contractor(s) for procurement of water are in the opinion of the Engineer-in-Charge, unsatisfactory.

Clause - 32 :: ALTERNATE WATER SUPPLY ::

(i) Where there is no piped water supply arrangement and the water is taken by the contractor from the banks OH & UG Storage, if any, charge at 1 % (one percent) of the Gross value of the work shall be recovered from the contractor on that account. The contractor shall, however, provide water at such hours of the day that it does not interfere with the normal routine of the users. He will also be responsible for all damage and abnormal repairs arising out of his use, the cost of which shall be recoverable from him. The Engineer-in-Charge shall be the final authority to determine the cost recoverable from the contractor on this account and his decision shall be binding on the contractor.

(ii) The contractor shall be allowed to provide storage tank on employers land for taking water by pumping at his own cost, for construction purposes only after he has got permission of the Engineer-in-Charge in writing. No charges shall be recovered from the contractor on this account, but the contractor shall be required to provide necessary safety arrangements to avoid any accidents or damage to adjacent buildings, roads and caused due to construction and subsequent maintenance of the wells and shall restore the ground to its original condition after the wells are dismantled on completion of the work.

Clause - 33 :: TRUST ::

Notwithstanding anything contained to the contrary herein, where any material for the execution of the contract are procured with the assistance of the Employer either by issue from Employers stocks or purchase made under orders or permits or licenses issued by the Employer or with the assistance of the Employer the contractor shall hold the said materials economically and solely for the purpose of the contract and not dispose of them without the written permission of the Employer and return, if required by the Engineer-in-Charge, all surplus or unserviceable materials that may be left with him after the completion of the contract or at its termination for any reason whatsoever on being paid or credited such price as the Engineer-in-Charge shall determine having due regard to the condition of the materials. The price allowed to the contractor however shall not exceed the amount charged to him excluding the element of storage charges. The decision of the Engineer-in-Charge shall be final and conclusive. In the event of breach of the aforesaid condition the contractor shall in addition to throwing himself open to action for contravention of the terms of the license or permit and/or for criminal breach of trust, be liable to the Employer for all moneys, advantages or profits resulting or which in the usual course would have resulted to him by reason of such breach.
Clause - 34 :: ARRANGEMENTS OF MACHINERY EQUIPMENT ::

The contractor shall arrange at his own expense all tools, plant, machinery and equipment required for execution of the work.

Clause - 35 :: UNDERTAKING BY THE CONTRACTOR & DLP ::

The contractor shall be responsible for rectifying defects noticed in the works within a year (i.e. one year) from the date of completion of the work. For specialised works the guarantee shall be for 5 to 10 years as specified in BOQ.

Clause - 36 :: CONTRACTORS SUPERINTENDENCE, SUPERVISION, TECHNICAL STAFF & EMPLOYEE ::

(i) The contractor shall provide all necessary superintendence during execution of the work and as long thereafter as may be necessary for proper fulfilling of the obligations under the contract.

The contractor shall immediately after receiving letter of acceptance of the tender and before commencement of the work, intimate in writing to the Employer the name, qualifications, experience, age, address and other particulars along with certificates, of the principal technical representative to be in charge of the work. Such qualifications and experience shall not be lower than specified. The Employer shall within 30 days of receipt of such communication intimate in writing his approval or otherwise of such a representative to the contractor. Any such approval may at any time be withdrawn and in case of such withdrawal the contractor shall appoint another such representative according to the provisions of this clause. Decision of the tender accepting authority shall be final and binding on the contractor in this respect. The work shall be started only after such a principal technical representative is appointed.

If the contractor (or any partner in case of firm/company) who himself has such qualifications, it will not be necessary for the said contractor to appoint such a principal technical representative but the contractor shall disengage and appoint a responsible agent to represent him to be present at the work whenever the Contractor is not in a position to be so present. All the provision applicable to the Principal Technical representative under this clause will also be applicable in the case of contractor or his responsible agent. The Principal Technical representative and/or the contractor shall on receiving reasonable notice from the Engineer-in-Charge or his designated representative(s) in charge of the work in writing or in person or otherwise, present himself to the Engineer-in-Charge and/or at the site of work, as required, to take instructions.

Instructions given to the principal technical representative or the responsible agent shall be deemed to have the same force as if these have been given to the contractor. The Principal Technical Representative and/or the contractor or his responsible authorised agent shall be actually available at site at least on two working days every week, these days shall be determined in consultation with the Engineer-in-Charge as well as fully during important stages of execution of work, during recording of measurement of works...
and whenever so required by the Engineer-in-Charge by a notice as aforesaid and shall also note down instructions conveyed by the Engineer-in-Charge or his designated representative in the site order book and shall affix his signature in token of noting down the instructions and in token of acceptance of measurements. There shall be no objection if the representative/agent looks after more than one work and not more than three works in the same station provided these details are disclosed to the Engineer-in-Charge and he shall be satisfied that the provisions and the purpose of this clause are fulfilled satisfactorily.

If the Engineer-in-Charge, whose decision in this respect is final and binding on the Contractor is convinced that no such technical representative or agent is effectively appointed or is effectively attending or fulfilling the provision of this clause, a recovery shall be effected from the Contractor, the of the Engineer-in-Charge as recorded in the site order book and measurements recorded in Measurement Books shall be final and binding on the contractor.

Further if the Contractor fails to appoint a suitable technical representative or responsible agent and if such appointed person(s) or not effectively present or do not discharge their responsibilities satisfactorily, the Engineer-in-Charge shall have full powers to suspend the execution of the work until such date as a suitable agent is appointed and the Contractor shall be held responsible for the delay so caused to the work. Contractor shall submit a certificate of employment of the technical representative/responsible agent along with every on account bill/final bill and shall produce evidence if at any time so required by the Engineer-in-Charge.

(ii) The contractor shall provide and employ on the site only such technical assistants as are skilled and experienced in their respective fields and such foremen and Supervisory staff as are competent to give proper supervision to the work.

The contractor shall provide and employ skilled, semi-skilled and unskilled labour as is necessary for proper and timely execution of the work.

The Engineer-in-Charge shall be at liberty to object to and require the contractor to remove from the works any person who in his opinion misconduct himself, or is incompetent or negligent in the performance of his duties or whose employment is otherwise considered by the Engineer-in-Charge to be undesirable. Such person shall not be employed again at works site without the written permission of the Engineer-in-Charge and the persons so removed shall be replaced as soon as possible by competent substitutes.

Clause - 37:: TAXES ::

(i) Goods & Services Taxes, Entry Tax, Cess, Profession tax, turnover tax or any other tax on materials and/or completed works unless otherwise specifically excluded in respect of this contract shall be payable by the contractor and Employer shall not entertain any claim whatsoever in this respect other than normal payment for completed item of work at the accepted rate.
(ii) Goods & Services Taxes (Item rates) on works contract on finished works wherever applicable shall be paid by Bank as per extant rules.

(iii) The contractor shall deposit royalty and obtain necessary permit for supply of the red bajri, stone, kankar etc. from local authorities. All the accepted rates for the work shall be deemed to include all such charges.

(i) If pursuant to or under any law, notification or order any royalty, cess, fee or the like becomes payable by the Employer and does not at any time become payable by the contractor to the State Government and/or the local authorities in respect of any material used by the contractor in the works then in such a case, it shall be lawful to the Employer and the Employer will have the right and be entitled to recover the amount paid in the circumstances as aforesaid from dues of the contractor.

**Clause - 38:: TENDERED RATES ::**

(i) All tendered rates shall be inclusive of all taxes, royalties, cess and levies etc as stated in clause-37.1 and payable under respective statutes. However, pursuant to the Constitution (Forty Sixth amendment) Act, 1982, if any further new tax royalties cess or levy is imposed by Statute, after the date of receipt of tenders, and the contractor there upon necessarily and properly pays such taxes/levies the contractor shall be reimbursed the amount so paid, provided such payments, if any, is not, in the opinion of the Employer (whose decision shall be final and binding on the contractor) attributable to delay in execution of work within the control of the contractor.

(ii) The contractor shall keep necessary books of accounts and other documents for the purpose of this condition as may be necessary and shall allow inspection of the same by a duly authorised representative of the Employer and/or the Engineer-in-Charge and further shall furnish such other information/document as the Engineer-in-Charge may require from time to time.

(iii) The contractor shall, within a period of 30 days of the imposition of any such further tax royalties, cess, or levy, pursuant to the constitution (Forty sixth Amendment) Act 1982, give a written notice thereof to the Employer and Engineer-in-Charge that the same is given pursuant to this condition, together with all necessary information relating thereto.

**Clause - 39:: DEATH ::**

Without prejudice to any of the rights or remedies under this contract if the contractor dies, the Employer shall have the option of terminating the contract without compensation to the contractor.
Clause -40:: METHOD TO CALCULATE CONSUMPTION OF MATERIALS ::

(i) After completion of the work and also at any intermediate stage in the event of non-reconciliation of materials issued, consumed and in balance, theoretical quantity of materials issued by the Employer or the material brought by the contractor for use in the work shall be calculated on the basis and method given hereunder:-

a) Quantity of cement shall be calculated on the basis of quantity of cement required for different items of works shown in the Schedule of Rates. In case any item is executed for which standard constants for the consumption of cement or bitumen are not available in the above mentioned statement or cannot be derived from the same shall be calculated on the basis of standard formula to be laid down by the Employer or Engineer-in-Charge.

a) Theoretical quantity of steel reinforcement or structural steel sections shall be taken as the quantity required as per design or as authorised by Engineer-in-Charge.

a) For any other material as per actual requirement and as approved by the Engineer-in-Charge.

(ii) Such theoretical consumption statements shall be prepared at every bill stage for the consumption of cement, steel (diameter wise and section wise) Bitumen and any other material specified by the Engineer-in-Charge in the same method and manner as in sub para (i) above even if such materials are procured by the contractor and not issued by the Employer.

(iii) Over the theoretical quantities of materials so computed a variation shall be allowed as specified. The difference in the net quantities of material actually issued to or procured by the contractor and the theoretical quantities including such authorised variation, if not returned by the contractor (for materials issued by the Employer) or if not fully reconciled to the satisfaction of the Engineer-in-Charge shall be recovered at the rates specified, without prejudice to the provision of the relevant conditions regarding return of materials governing the contract. In the case of materials procured by the contractor the cost of such material used less than the theoretical requirement shall be recovered at full market Rate plus the cartage cost to site.

(iv) The said action under this clause is without prejudice to the right of the Employer to take action against the contractor under any other conditions of the contract for not doing the work according to the prescribed specifications.

Clause - 41::

The work (whether fully constructed or not) and all materials, machines, tools and plants, scaffolding, temporary buildings and other things connected therewith shall be at the risk of the contractor until the work has been delivered to the Employer and a certificate from Engineer in charge to that effect obtained. In the event of the work or any materials properly brought to the site for incorporation in the work being damaged or
destroyed in consequence of hostilities or warlike operation, the contractor shall when ordered (in writing) by the Engineer-in-Charge to remove any debris from the site, collect and properly stack or remove in store all serviceable materials salvaged from the damaged work and shall be paid at the contract rates in accordance with the provision of this agreement for the work of clearing the site of debris, stacking or removal of serviceable material and for reconstruction of all works ordered by the Engineer-in-Charge, such payments being in addition to compensation up to the value of the work originally executed before being damaged or destroyed and not paid for. In case of works damaged or destroyed but not already measured and paid for, the compensation shall be assessed by the Engineer-in-Charge up to Rs.5,000/- and by the Employer concerned for a higher amount. The contractor shall be paid for the damages/destruction suffered and for the restoring the material at the rate based on analysis of rates tendered for in accordance with the provision of the contract. The certificate of the Engineer-in-Charge regarding the quality and quantity of materials and the purpose for which they were collected shall be final and binding on the contractor.

Provided always that no compensation shall be payable for any loss in consequence of hostilities or war-like operations (a) unless the contractor had taken all such precautions against air raid as are deemed necessary by the Engineer-in-Charge (b) for any material etc. not on the site of the work or for any tools, plant, machinery, scaffolding, temporary building and other things not intended for the work.

IN the event of the contractor having to carry out reconstruction as aforesaid, he shall be allowed such extension of time for its completion as is considered reasonable by the employer.

Clause - 42 :: APPRENTICES ::

THE contractor shall comply with the provisions of the Apprentices Act, 1961 and the rules and orders issued there under from time to time. The contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions of the said Act.

Clause - 43 :: CLEARANCE CERTIFICATE ::

Security Deposit of the work shall not be refunded till the contractor produces a clearance certificate from the Labour Officer. As soon as the work is virtually complete the contractor shall apply for the clearance certificate to the Labour Officer under intimation to the Engineer-in-Charge. The Engineer-in-Charge, on receipt of the said communication, write to the Labour Officer to this effect till six months after the date of completion, it will be deemed to have received the clearance certificate and the Security Deposit will be released if otherwise due.

Clause - 44:: DAMAGES & INSURANCE ::

THE Contractor shall be responsible for all injury to the work or workmen to persons, animals or things and for all damages to the structural and/or decorative part of property

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which may arise from the operations or neglect of himself or of any sub-contractor or of any of his or a sub-contractors 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 interalia, any damages to buildings whether immediately adjacent or otherwise, and any damage to roads, streets, footpaths or ways as well as damages caused to the buildings and the works forming the subject if this contract by rain, wind or other inclemency of the weather. The contractor shall indemnify the employer and hold harmless in respect of all and any expenses arising from such injury or damages to persons or property as aforesaid and also in respect of any claim made in respect of injury or damage under any acts of compensation or damage consequent upon such claim.

THE Contractor shall reinstate all damage of every sort mentioned in this clause, so as to deliver the whole of the contract works complete and perfect in every respect and so as to make good or otherwise satisfy all claims for damages to the property or third parties. The contractor shall effect the insurance necessary and indemnify the employer entirely from all responsibility in this respect. The insurance must be placed with a company approved by the employer and must be effected jointly in the name of the contractor and the employer and the policy lodged with the latter. The scope of insurance is to include loss or damage to the work and workmen due to carelessness, accident including fire, earthquake, floods, etc., damage or loss to the contract itself till this is made over a complete state. Insurance is compulsory and must be effected from the very initial stage. The contractor shall also be responsible for anything which may be excluded from damage to any property arising out of incidents, negligence or defective carrying out of this contract.

THE employer shall be at liberty and is hereby empowered to deduct the amount of any damages, compensations, costs, charges and expenses arising or occurring from or in respect of any such claim or damages from any sums due or to become due to the contractor.

**Clause - 45:: INSURANCE ::**

The contractor shall insure the works and keep them insured until the virtual completion of the contract against loss or damages by fire and/or earthquake, flood. The insurance must be placed with a company approved by the Employer, in the joint names of the employer and the contractor for such amount and for any further sum if called to do so by the employer and lodge receipts of premiums paid with the employer within 21 days from the date of issue of letter of acceptance unless otherwise instructed. In default of the contract insuring as provided above, the employer on his behalf may so insure and deduct the premiums paid from any money due or which may become due to the contractor. The contractor shall as soon as the claim under the policy is settled or the work reinstated by the insurance company should they elect to do so, proceed with due diligence will the completion of the works in the same manner as though the damages has not occurred and in all respects under the conditions of the contract. The contractor in case of rebuilding or reinstatement after fire shall be entitled to extension of time for completion as the employer/architect may deem fit.

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SPECIAL CONDITIONS OF CONTRACT

• **Scope:**

1.1 The works to be governed by this contract shall cover all works as specified in BOQ, along with all services, including all materials, labour, delivery and transportation up to destination, safe custody at site, insurance, erection, testing and commissioning of the entire works.

1.2 The Contractor shall obtain all the permanent service connections i.e. Electricity power load, Electricity Power, Water and Sewerage connections and shall bear any incidental expenses. Any statutory payments, deposits, fee made to the appropriate authorities for permanent services connections shall be reimbursed by the Employer provided the receipts/ deposits are in the name of the Bank of India.

1.3 The Contractor shall also be responsible to obtain all the Temporary service connections i.e. Electricity Power, Water and Sewerage connections and shall bear any incidental expenses, fees, deposits, monthly consumption charges required for the construction work.

• The works to be undertaken by the contractor shall inter alia include the following:
  - Preparation of detailed SHOP drawings and AS BUILT drawings wherever applicable.
  - Obtaining of Statutory permissions where-ever applicable and required.
  - Pre-commissioning tests as per relevant standard specifications, code of practice, Acts and Rules wherever required.
  - Warranty obligation for the equipment’s and/or fittings/fixtures supplied by the contractor.

• All the hidden items such as reinforcement steel, water supply lines, drainage pipes, conduits, sewers etc. are to be properly tested as per the design conditions before covering and their measurements in measurement book duly test checked shall be deposited with Engineer in charge or his authorized representative, prior to hiding these items.

• **Precautionary Measures:**

2.1 Temporary barricading shall be provided at site by the contractor at his own cost. The barricading physically define the boundaries of the plot for restricted entry to only those involved in the work and also to prevent any accident and also not causing any inconvenience to the traffic. Any further barricading as required for basement excavation at Site shall be provided by the contractor at his own cost. The barricading should be made in suitable size, shapes and number as directed by Engineer-in-charge.
without any extra cost. It shall be dismantled and taken away by the contractor after completion of the work at his own cost with the approval of Engineer-in-charge.

- Contractor shall take all precautionary measures to avoid any damage to adjoining property. All necessary arrangement shall be made at his own cost.

- The contractor shall take all precautions to prevent his workmen and employees from removing and damaging any Flora (tree/plant/vegetation) from the site.

- The contractor shall take all precautions to avoid accidents by exhibiting necessary caution boards day and night, speed limit boards, red flags, red lights and providing barriers. He shall be responsible for all damages and accidents caused to work due to negligence on his part. No hindrances shall be caused to traffic, during the execution of the work. In case of any accident of the labourers / contractual staff, the entire responsibility will rest on the contractor and any compensation under such circumstances, if becomes payable, shall be entirely borne by the contractor.

- The contractor, his authorized representative, workmen etc. shall strictly observe orders pertaining to fire precautions prevailing in the area.

- The Contractor shall take all necessary precautions to prevent any nuisance or inconvenience to the owners, tenants or occupants of the adjacent properties and to the public in general. The Contractor shall take all care, as not to damage any other adjacent property or other services running adjacent to the plot. If any damage is done, the same shall be made good by the Contractor at his own cost and to the entire satisfaction of the Engineer-in-Charge. The Contractor shall use such methodology and equipment’s for execution of the work, so as to cause minimum environmental pollution of any kind during construction, to have minimum construction time and minimum inconvenience to road users and to the occupants of the buildings on the adjacent plot and public in general, etc. He shall make good at his own cost and to the entire satisfaction of the Engineer in Charge any damage to roads, paths, cross drainage works or public or private property whatsoever caused, due to the execution of the work or by traffic brought thereon, by the Contractor. Further, the Contractor shall take all precautions to prevent any pollution of streams and waterways. All waste or superfluous materials shall be carted away by the Contractor, entirely to the satisfaction of the Engineer-in-Charge. Utmost care shall be taken to keep the noise level to the barest minimum so that no disturbance as far as possible is caused to the occupants / users of adjoining buildings. No claim what so ever on account of site constraints mentioned above or any other site constraints not specifically stated here, shall be entertained from the Contractor. Therefore, the Contractors are advised to visit site and get first hand information of site constraints. Accordingly, they should quote their tenders. Nothing extra shall be payable on this account.

- General cleanliness of the site and Stacking & Storage of Materials:
3.1 The site of work shall be always kept clean in general strictly adhering to approved job layout/specifications. The Contractor shall take all care to prevent any water-logging at site. The waste water shall not be allowed to be collected at site. It may be directly pumped into the public drainage system with prior approval of the concerned authorities. For discharge into public drainage system, necessary permission shall be obtained from relevant authorities after paying the necessary charges, if any, directly to the authorities. The work shall be carried out in such a way that the area is kept clean and tidy. All the fees/charges in this regard shall be borne by the Contractor. Nothing extra shall be payable on this account.

- The contractor shall take instructions from the Engineer-in-Charge regarding collection and stacking of materials at any place. No excavated earth or building rubbish shall be stacked on areas where other buildings, roads, compound wall, services etc are to be constructed. The stacking shall be done as per stacking plan. However, if any change is required, the same shall be done with the approval of Engineer-in-Charge.

- For construction works which are likely to generate malba / rubbish, contractor shall dispose of malba, rubbish & other unserviceable materials and wastes at his own cost to the dumping ground notified by local authorities and under no circumstances these shall be stacked / dumped even temporarily, outside the construction premises.

3.4 The contractor shall not stack building material / malba on the road or on the land owned by any other authority, as the case may be. In case, the Contractor is found stacking the building material / malba as stated above, he shall be liable to pay the stacking charges as may be levied by local body or authority and also to face penal action as per the rules, regulations and bye-laws of the said body or authority. The Engineer-in-Charge shall be at liberty to recover the sums due but not paid to the concerned authorities on the above counts from any sums due to the contractor including amount of the Security Deposit or Retention Money in respect of this contract or any other contract.

3.5 The contractor shall construct suitable godown, yard at the site of work for storing all other materials so as to be safe against damage by sun, rain, damages, fire, theft etc. at his own cost and also employ necessary watch and ward establishment for the purpose at his cost.

4. Laboratory Equipment:

4.1 The contractor shall provide at his own cost suitable measuring tapes, weighing, surveying and leveling and measuring arrangements as may be necessary at site for checking. All such equipments shall be got calibrated in advance from laboratory, approved by the Engineer-in-Charge. Nothing extra shall be payable on this account. Minimum equipments as required for field tests shall be provided at site without any extra cost to the Employer.

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5. Setting Out of works
5.1 The contractor shall establish, maintain and assume responsibility for grades, lines, levels and bench marks. Contractor shall report any errors or inconsistencies regarding grades, lines, levels, dimensions to the Engineer-in-Charge before commencing work. Commencement of work shall be regarded as the contractor’s acceptance of such grades, lines, levels and dimensions and no claim shall be entertained at a later date for any errors found.

5.2 If at any time, any error in the respect of setting out appears during the progress of the work, the contractor shall, at his own expense rectify such error if so required, to the satisfaction of the Engineer-in-Charge.

a) The contractor shall provide, protect and maintain temporary / permanent benchmarks at the site of work throughout the execution of the work. These bench marks shall be got checked by the Engineer-in-Charge or his authorized representatives. The work at different stages shall be checked with reference to bench marks maintained for the said purpose. All such reference points shall be in relation to the levels and locations, given in the Architectural and plumbing drawings. Nothing extra shall be payable on this account.

- The approval by the Engineer-in-Charge, of the setting out by the contractor, shall not relieve the contractor of any of his responsibilities and obligation to rectify the errors/defects, if any, which may be found at any stage during the progress of the work or after the completion of the work.

5.3 The contractor shall be entirely and exclusively responsible for the horizontal, vertical and other alignments, the level and correctness of every part of the work and shall rectify effectively any errors or imperfections therein. Such rectifications shall be carried out by the contractor at his own cost to the instructions and satisfaction of the Engineer-in-charge.

5.4 The Contractor shall carry out survey of the work area, at his own cost, setting out the layout of building in consultation with the Engineer-in-Charge & proceed further. Any discrepancy between the architectural drawings and actual layout at site shall be brought to the notice of the Engineer-in-charge. It shall be responsibility of the Contractor to ensure correct setting out of alignment. Survey instruments only shall be used for layout, fixing boundaries, and centre lines, etc. including theodolites. Nothing extra shall be payable on this account.

6. Architectural, Structural and Integrated Service Drawings:

6.1 Although tender drawings are made available with the Tender, the working & detailed architectural drawings and structural drawings shall be issued as and when required according to the program chart submitted by the contractor. It is the duty of

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the contractor to intimate the requirement of drawings reasonably well in advance and no hindrance shall be allowed on this account.

6.2 The work shall be carried out in accordance with the Architectural drawings and Structural drawings, to be issued from time to time, by the Engineer-in-Charge. Before commencement of any item of work, the contractor shall correlate all the relevant architectural and structural drawings issued for the work, nomenclature of items, specifications etc. and satisfy himself that the information available there from is complete and unambiguous. The figures & the written dimensions of the drawing shall supersede the measurement by scale. The discrepancy, if any, shall be brought to the notice of the Engineer-in-Charge for immediate decision before execution of the work. The contractor alone shall be responsible for any loss or damage occurring by the commencement of work on the basis of any erroneous and/ or incomplete information and no claim, whatsoever shall be entertained on this account. The delay caused on account of non-timely action by the contractor in resolution of the differences whatsoever shall not be considered as valid ground for extension of time unless otherwise accepted by Engineer in charge.

6.3 The information and site data shown in the drawings and mentioned herein and also elsewhere in the tender documents are being furnished for general information and guidance only. The Engineer-in Charge/ Employer shall not bear responsibility for lack of such knowledge and also the consequences thereof. The Engineer-in-charge/ Employer in no case shall be held responsible for the accuracy thereof or any interpretation/ or conclusions drawn there from by the contractor.

6.4 Before taking up the work, the contractor shall be provided with working drawings for various civil and electrical services showing details of lay out plan including sectional elevations and the contractor shall plan and mobilize his resources as per the working drawings and as per the site conditions to facilitate convenient execution, installation as well as maintenance of these services. Nothing extra shall be payable on this account.

7. Scaffolding & Staging:

7.1 Wherever required for the execution of work, all the scaffolding shall be provided and suitably fixed, by the contractor. The scaffolding shall be provided strictly with steel double scaffolding system, suitably braced for stability, with all the accessories, gangways, etc with adjustable suitable working platforms to access the areas with ease for working and inspection. Single scaffolding system is strictly prohibited and shall invite necessary action. It shall be designed to take all incidental loads. It should cater to the safety features for workmen. Nothing extra shall be payable on this account. It shall be ensured that no damage is caused to any structure due to the scaffolding.

8. Procurement of materials and Basic rate:

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8.1 All material shall only be brought at site as per program finalized with the Engineer-in-Charge. Any pre-delivery of the material not required for immediate consumption shall not be accepted and thus not paid for.

8.2 The contractor shall procure the required materials in advance so that there is sufficient time for testing of the materials and approval of the same before use in the work.

8.3 If the rate of the material selected by Bank is higher / lower than the above basic rate proportionate cost adjustment shall be made.

8.4 Base price shall be the actual price quoted by the authorized stockist / wholesalers / showroom including excise duty and excluding cess, octroi, GST and all other duties levied by the statutory / local authority and also excluding loading, unloading and carriage/ transportation cost to the site of work, overheads, storage charges at site.

9. Quoted Rates and other conditions for payment: The rates quoted by the Contractor for the descriptions given in the Schedule of quantities (BOQ) are deemed to be inclusive of the following apart from other inclusions elsewhere stipulated in these documents:

9.1 Site clearance, setting out work, profile, establishment of reference bench mark(s), taking spot levels, construction of all safety and protection devices, barriers, barricading, signage, labour safety, welfare, preparatory works, working during monsoon, working at all depths, height, lead, lift and location etc until / unless specified otherwise, and any other incidental works required to complete this work. Nothing extra shall be payable on this account.

9.2 For works below ground level the contractor shall keep that area free from water. If dewatering or bailing out of water is required the contractor shall do it and nothing extra shall be paid except otherwise provided in the items of Schedule of quantities.

9.3 Any legal or financial implications resulting out of disposal of earth shall be sole responsibility of the contractor. Nothing extra over the schedule shall be paid on this account.

9.4 All labour, material, tools and plants, temporary water, sewerage, electricity connection charges & works and other inputs involved/ required in the execution of the item.

- Conducting Tests materials and works wherever stipulated

9.6 Any cement slurry added over base surface (or) for continuation of concreting for better bond is deemed to have been built in the items.

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9.7 For completing the work in time, the Contractor might be required to work in two or more shifts (including night shifts). No claim whatsoever shall be entertained on this account, not with-standing the fact that the Contractor may have to pay extra amounts for any reason, to the labourers and other staff engaged directly or indirectly on the work according to the provisions of the labour and other statutory bodies regulations and the agreement entered upon by the Contractor with them.

- The Contractor shall arrange to give all notices as required by any statutory / regulatory authority and obtain all requisite licenses wherever required and shall pay to such authority all the fees that is required to be paid for the execution of work. Nothing extra shall be payable on these accounts.

- All ancillary and incidental facilities required for execution of work like labour camp, stores, fabrication yard, offices for Contractor, watch and ward, temporary ramp required to be made for working at the basement level, temporary structure for plants and machineries, water storage tanks, installation and consumption charges of temporary electricity, telephone, water etc. required for execution of the work, liaison with municipal / statutory authorities etc., protection works, barricading, testing facilities / laboratory at site of work, facilities for all field tests and for taking samples etc. during execution or any other activity which is necessary (for execution of work and as directed by Engineer-in-Charge), shall be deemed to be included in rates quoted by the Contractor for various items in the Schedule of quantities. Nothing extra shall be payable on these accounts.

9.10 Final testing of the installation:
The Contractor shall demonstrate trouble free functioning of all the Plumbing, sanitary, electrical and E & M installations and services. The Engineer-in-Charge or his authorized representatives shall carry out final inspection of these various Plumbing, sanitary, electrical and E & M services and installations. Any defect(s) noticed during demonstration shall be rectified by the Contractor at his own cost to the entire satisfaction of the Engineer-in-Charge. Nothing extra shall be payable on this account.

9.11 Contributions towards the EPF & ESI for the labour, employees engaged by the contractor wherever applicable shall be paid by the Contractor, Nothing extra shall be payable on this account.

- Local laws :

10.1 The Contractor shall keep himself fully informed of all acts and laws of the Central & State Governments, all orders, decrees of statutory bodies, tribunals having any jurisdiction or authority, which in any manner may affect those engaged or employed and anything related to carrying out the work. All the rules & regulations and bye-laws laid down by Collector / Municipal authorities etc. and any other statutory bodies shall

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be adhered to, by the contractor, during the execution of work. The Contractor shall also adhere to all traffic restrictions notified by the local authorities.

10.2 The contractor shall ensure that applicable permits mandated by the local bodies and in case warranted for this work are obtained as required under the Applicable Laws.

10.3 The building work shall be carried out in the manner complying in all respects with the requirements of relevant bye-laws of the local body and sanctioned plans under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-Charge and nothing extra shall be paid on this account.

11. Water Supply & Sanitary Installations & Testing:

The contractor shall give performance test of the entire installation(s) as per the CPWD standing specifications before the work is finally accepted and nothing extra whatsoever shall be payable to the contractor for the test.

12. Recording of Hindrances:-

12.1 Whenever any hindrance whether on part of Employer or on part of contractor, comes to the notice of the Engineer in charge, the contractor should at once make a note of such hindrance in the register kept at site, and immediately make a report to the Engineer in charge within a week.

- Each hindrance should be entered in the Hindrance Register, (as per Annexure 14) which should be authenticated by the Engineer in charge and Contractor. The Employer shall review the Hindrance Register at least once in a month.

12.3 The hindrances on part of contractor are also to be entered in the Hindrance Register.

- The hindrance register shall be submitted at the time of payment of each Running Account Bill.

13. Progress and monitoring of work:

- The contractor shall submit the progress report for the work done during previous month to the Engineer-in-charge on or before 5th day of each month. The progress report shall contain the following, apart from whatever else may be required as specified:-

- Construction schedule of the various components of the work through a bar chart for the next three months (or as may be specified), showing the inter milestones, targeted tasks and up to date progress. At least 3 digital photographs showing all the parts of the work in various stages during construction/repairs/restoration/concealed works in soft and hard copy have to be submitted in every monthly progress report.
• Progress chart of the various components of the work that are planned and achieved, for the month as well as cumulative up to the month, with reason for deviations, if any in a tabular format.

• The Contractor shall do proper sequencing of the various activities by suitably staggering the activities within various pockets in the plot so as to achieve early completion.

14. Project review meetings:
The contractor, immediately on award of work shall submit details of his key personnel to be engaged for the work at site. In addition, he shall furnish the Employer detailed organization involved with the work.

**Monthly Review Meetings:** Shall be attended by Contractor / their representatives who can take independent decisions along with Engineer-in-charge and Bank’s representatives.

15. Hardware and sanitary wares:

15.1 Engineer-in-Charge will take a decision regarding make of materials, model numbers of equivalent Door/window hardware/ sanitary ware at the time of execution, in case the stipulated make or model mentioned, is not available. However, in case, the equivalent make or model so approved, is cheaper than the make or model already mentioned in Preferred makes list, the price adjustment will be made based on the difference in market rate.

16. Inspection & Audit of works:

16.1 In addition to the provisions of relevant clauses of the contract, the work shall also be open to inspection by the Bank internal inspection and other Government authorities. The contractor shall at times during the usual working hours and at all times at which reasonable notices of the intention of the Engineer-in-charge/ Employer or other authorized officers as stated above to visit the works shall have been given to the contractor, either himself be present to receive the orders and instructions or have a responsible representative duly accredited in writing, to be present for that purpose.

16.2 Any instructions given by the above authorities shall be followed by the contractor. Further any recoveries ordered by the above authorities shall be made from the amount payable to the contractor or such amounts shall be paid by the contractor to the Bank.

17. Submission of Insurance policies:
No work shall be commenced by the Contractor unless he obtains the Insurance Policies as mentioned under Clauses of contract. Also, no payment shall be made to the Contractor / no permission for continuation of works on expiry of insurance policies unless renewed by the Contractor. Nothing extra shall be payable on this account. No
claim of hindrance (or any other claim) shall be entertained from the contractor on these accounts.

18. Chasing work:

The work should be planned in a systematic manner so that chase cuttings in the walls, ceilings and floors is minimized. Wherever absolutely essential, the chase shall be cut using chase cutting machines. Chases will not be allowed to be cut using hammer / chisel. The electrical boxes should be fixed in walls simultaneously while raising the brick work. The contractor shall ensure proper co-ordination of various disciplines viz. building works, sanitary & water supply & electrical installations etc.

19. Warranty or Guarantee period for specialized works:

The warranty or Guarantee period for the works of water proofing and anti-termite shall be Ten (10) years from the date of completion of the works. The contractor shall make good / rectify the defects occurring during the above period. Security deposit equivalent to 10% of the value of the item shall be retained by the Bank for a period of warranty/guarantee. The warranty/guarantee shall be provided by the principal company for both material & application.

20. External Laboratory: Wherever tests are stipulated for the Materials, concrete etc the same shall be tested at any government, semi government or NABL approved private laboratories.

21. Licensed agencies: The contractor shall engage licensed plumbers, electricians of required class as per the statutory rules for the works related to plumbing, sanitary, electrical works. Prior approval of the Employer shall be obtained by producing the copy of the Licenses before commencing these works.

22. Maintenance of Registers

The Contractor will be required to maintain the following registers at site of work and should produce the same for inspection of the Bank/ Engineer in charge wherever desired by them. Type of Register to be maintained are:

i) Register No. - I : Hindrance to work

ii) Register No. - II : Labour attendance

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TECHNICAL SPECIFICATIONS FOR INTERIOR FURNISHING, ELECTRICAL & AIR-CONDITIONING WORKS

FURNISHING GENERAL
This specification is for work to be done, item to be supplied and materials to be used in the works as shown and defined on the drawings and described herein, all under the supervision and to the satisfaction of the Competent Authority. Competent authority means Architects / Engineer in charge.

The workmanship is to be the best and of high standard, use must be made of special tradesmen in all respects of the work and allowances must be made in the rates for doing so.

The materials and items to be provided by the contractor shall be approved by the Competent Authority in accordance with any samples which will be submitted for approval by Contractor and generally in accordance with the Specifications. Also if products are specified in the catalogue reference, the contractor will be required to obtain the approval of the Competent Authority before using a materials. The Contractor shall produce all invoices, vouchers or receipts for any material if called upon to do so by the Competent Authority.

Samples of all materials are to be submitted to the Competent Authority for approval before the Contractor orders or delivers the materials at site. Samples together with the their packing are to be provided free of charge by the Contractor and should any materials be rejected, they will be removed from the site at the Contractor’s expense. All samples will be retained by the Competent Authority for comparison with materials, which will be delivered at the site. Also, the Contractor will be required to submit specimen finishes of colours, fabrics etc. for the approval of the Competent Authority before proceeding with the work.

The contractor shall be responsible for providing and maintaining and boxing or other temporary coverage required for the protection of dresses or finished work if left...
unprotected. He is also to clean out all shelving’s, out ends and other waste from all parts of the works before coverings or in-fillings are constructed.

Templates, boxes and moulds shall be accurately set out and rigidly constructed so as to remain accurate during they are in use.

All unexposed surface of timber e. g. false ceiling, backing fillets, backs of door frames, cupboard framing, grounds, etc. are to be treated with two coats of approved timber preservative before fixing or converging.

Only first class workmanship will be accepted. Contractor shall maintain uniform quality and consistency in workmanship throughout.

JOINERY:
Joinery is to be prepared immediately after the placing of the contract, framed up, bonded and wagered. Any portions that are wrapped or found with other defects are to be replaced before wedging up. The whole of the work is to be framed and finished in a workmen-like manner in accordance with the detailed drawings wrought and wherever required, fitted with all necessary metal ties, straps, belts, screws, glue etc. Running beaded joints are to be cross-tongued with teak wherever 1(1/2) thick double cross tongued. Joiners work generally to be finished with fine sand/glass paper.

Joints: All joints shall be standard mortise and tenon, dowel, dovetail, and cross-halved. Nailed or glued butt joints will not be permitted, screws, nails etc. will be standard iron or wire of oxidized nettle fold tenon should fit the mortises exactly.

Nailed or glued butt joints will not be permitted except in exceptional cases with approval of Competent Authority.

Where screws shown on a finished surface, those will be sunk and the whole plugged with a wood plug of the same wood and grain of the finished surfaces will be neatly punched and the hole filled with wood filler to match the colour.

Should joints in joiner’s work open, or other defects arise within the period stated for defect liability in the contract and the clause thereof, be deemed by the Competent Authority to be due such defective joinery shall be taken down, and refilled, redecorated.
and/or replaced if necessary and any work disturbed shall be made good at the Contractor’s expense.

Nails spikes and bolts shall be of lengths and weights approved by the Competent Authority. Nails shall comply with is 1959-1960 or equivalent approved quality sample. Brass-headed nails are to comply with B. S. 1210. Wire staples shall comply with B. S. 1494 or equivalent.

The contact surface of dowels, tenons wedges etc., shall be glued with an approved adhesive.

Where glued, joinery and carpentry work is likely to come into contact with moisture, the glue shall be waterproof.

HARDWARE AND METALS:
The hardware throughout shall be of approved manufacture or supplier well-made and equal to in every respect to the samples to be deposited with the Competent Authority. The contractor may be required to produce and provide samples from many different sources before the Competent Authority takes decision and he should allow his rates for doing so.

Fittings generally shall be brass oxidized, unless otherwise specified and shall be suitable for their intended purpose. In any case, it will have to be approved by Competent Authority before the Contractor procures it at site of work.

Screws are to match the finish of the article to be fixed, and to be round or flat headed or counter sunk as required.

The contractor should cover up and protect the brass and bronze surfaces with a thick grease or other suitable productive material, renew as necessary and subsequently clean off away on connection.

Aluminum and stainless steel shall be of approved manufacture and suitable for its particular application. Generally, the surface of aluminum shall have an anodized finish and both shall comply with the samples approved by the Competent Authority. All stainless
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Steel sheets shall be 304 S. S. Japan or equivalent with gauge as specified but not thinner than 16G.

All steel, brass, bronze, aluminum and stainless steel articles shall be subjected to a reasonable test at the Contractor’s expense.

All brazing and welds are to be executed in a clean and smooth manner rubbed down and left in the flattest and tidiest way, particularly where exposed.

Chromium plating shall be in accordance with I. S. Standard or as per approved specification for normal outdoor conditions and shall be on a base material of copper or brass.

GLAZIER:
All glass to be of approved manufacturer complying with IS 3548-1966 as per approved quality and sample to be of the selective qualities specified and free from bubbles, smoke, air holes and other defects.

Polished plate glass shall be “glazing glass” (G. G.) quality and that for mirrors shall be “silvering quality” (S.G.) conforming to IS 3438-1965 or as per approved sample and quality.

The compound for glazing to metal is to be a special non-hardening compound manufactured for the purpose and of a brand and quality approved by the Competent Authority.

While cutting glass, proper allowance be made for expansion. Each square of glazing to be in one whole sheet. On completion of work clean all glass inside and cut, replace all cracked scratched and broken panes and leave in good condition.

PAINT AND POLISHES:
All material required for the works shall be of specified and approved manufacturer, delivered to the site in the manufacturer’s container’s name or trade mark with a description of the contents and colour. All materials are to be stored on the site.

Spray painting with approved machines will be permitted only if written approval has been obtained from the Competent Authority prior to painting. No spraying will be permitted in the case of priming costs nor where the soiling of adjacent surfaces is likely to occur. Theuzzle and pressure to be so operated as to give an even coating throughout to the satisfaction of the Competent Authority. The paint used for spraying is to comply generally
with the specification concerned and is to be specially prepared by the manufacturer for spraying. Thinning of paint made for brushing will not be allowed.

Wood preservative shall be Solignum or other equal and approved impregnating wood preservative and all concealed woodwork shall be treated with wood preservative.

All brushes, tools, pots kettles etc. used in carrying out the work shall be clean and free from foreign matter and are to be thoroughly cleaned out before being used with a different type of class of materials.

All iron or steel surfaces shall be thoroughly scraped and rubbed with wire brushes and shall be entirely free from rust, mill scale etc. before applying the priming coat.

Surfaces of now wood work which to be painted are to be rubbed down, cleaned, down to the approval of the Competent Authority.

Surfaces of previously painted woodwork which are to be painted are to be cleaned down with soap and water, detergent solution or approved solvent to remove dirt, grease etc. Whilst wet the surfaces shall be flatted down with a suitable abrasive and then rinsed down and allowed to dry. Minor areas of defective paint shall be removed by scraping back to a firm edge and the exposed surface touched in with primer as described and soaked with putty. Where woodwork has been previously painted or polished and it is to be newly polished, with scrapping, burning off or rubbing down and making surface properly.

Surfaces of previously painted metal which shall be painted are to be cleaned down and flattened down as described in surfaces of any rust and loose scale shall be removed.
completely by chipping, scrapping and wire brushing back to the bare metal and touched in with primer as described.

UPHOLSTRY:
This will be of first class standard workmanship with webbing, no-sag springs, coiled springs, padding and filling as specified on drawing. Covering fabrics will be seen, tufted, and corded as shown on the drawing and as approved by the Competent Authority.

Cushion Vents: Brass “cushion Vents” should be installed at the back or under side or seat cushions (especially those covered in leather vinyl plastic or very tightly woven fabric) to allow air to escape easily and to prevent torn seems.

Materials: Finished timber shall be of the type specified. Furnishing fabrics, colour, pattern, substance to be as specified, no variations of this will be permitted unless with prior approval of the Competent Authority.

POLISH:
French polish: The basic material shall be shellac dissolved in mentholated spirit.

Preparation:
The timber must be well sanded and cleaned and the grain filled with grain filler. Any staining must be done before applying the polish.

Equipment:
The polishing rubber the most important implement in French polish shall consist of a pad of cotton wool, which acts as a reservoir for the polish, and a cover of soft white linen of cotton fabric, similar to a well-worn handkerchief which acts as a fitter. The rubber must never be dipped into the polish; it should be charged by pouring the polish on to the pad with the cover removed.

Application:
Work evenly over the surface with a slow figure-of-eight motion until the timber is coated with a thin layer of polish. The object is to apply a series of thin coats, allowing only a few
minutes for drying between the coats. When a level and even-bodied surface is obtained the work is ready for the second stage i.e. spiriting off.

Allow the work to stand for at least eight hours, then take a fresh rubber with a double thickness of cover material and charge it with mentholated spirit. The object of spiriting off into and remove the rubber marks and to give the brilliance of finish.

Finally, work in the direction of the grain and continue until the surface is free from smears and rubber marks then leave to harden off.

Wax polish:
Wax polish shall contain silicones and driers. A good silicon wax is to be used not a creamy or spray. The timber shall be sealed first with another finish such as Ron seal, before applying wax.

Application:
Apply coat of the sealer by brush or cloth direct to the unfilled timber, working it well in and finishing evenly with the grain. Allow to dry thoroughly then sand lightly with fine abrasive paper. Apply a heavy coat of wax by cloth on flat surfaces, with a stiff brush. Work it well into the timber and finish off by stroking with the grain before leaving to harden. Leave for four hours before rubbing up with a soft brush. Finally, buff the grain with a soft cloth.

Transparent Coloured Polyurethane (Melamine)
This shall be applied where natural grain of the wood is required to show. Polyurethane gives tough surface which resist chipping, scratching and boiling water.

Application:
Clean off all grease and wax with an abrasive and white spirit, this should not be applied in humid conditions. Apply the first coat, preferably of clear hard glaze with a cloth pad. Leave this to dry for at least six hours, then apply further coats with a paintbrush. If you wait for longer than 24 hours between coats, rub down the previous coat with fine glass
paper or a medium grade of steel wool. Obtain a matt finish, if required, by giving a final coat of clear Reseal Matt coat.

TIMBER:
Only seasoned Teakwood to be used.
Use of Rose wood wherever specified.

All the wood shall be properly seasoned, natural growth and shall be free from worm holes, loose or dead knots or other defects, saw die square and shall not suffer warping, splitting or other defects.

The moisture content shall not exceed 12%.

All internal frame work shall be treated with approved wood preservative.

All wood brought to site should be clean shall not have any preservative or other coating/covering.

All rejected decayed, bad quality wood shall be immediately removed from site.

All wood brought to site must be stacked-stored properly as per instructions.

PLYWOOD:
Plywood/medium density fibre board/teak practical board/ Veneer shall be as specified in the approved list of manufacturers shall be used.
Commercial ply shall confirm I. S. I. 303 of approved make.

Marine plywood shall generally conform to generally I. S. 303 BWR or unless specified I.S.710-1980(BWP)

Particle board shall be phenol formaldehyde bonded and generally conform to I. S. 3087-1965.

Only 3mm to 4mm thick straight-grained groups matching approved veneers shall be used.
No extra claim will be entertained for veneer if found of extra thickness.

MAIN FRAMELESS DOOR & FIXED GLAZING -
The approximate dimension is Width 8.0 mts X 11.5 mts Height.

Providing and Errecting in position Fully Glazed Double Leaf Frameless Door with 12mm thk clear toughened glass with Dorma patch fittings such as Bottom Patch PT 10 with SS covers-2 nos, Top Patch PT 10 with SS covers-2 nos, Patch with plate PT 30-1 no, Over Panel Patch PT 40 with SS covers-1 no, Corner Lock US 10 with SS covers-2 nos, Lock keeper plate -5.190-2 nos, Floor Spring BTS 75V with standard spindle screws and SS cover plates-2 nos, Pull Handle TGD130033S (40mm dia X Full Height of the door)-2 pairs, PFF GT1-Ceiling / Façade Bracket-14 nos, Aluminum U Channel-13 mts. Gap of 3.5mm to be maintained between

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every two glass panels. Gaps to be sealed with clear silicone sealant. Before sealing the gaps masking tape to be stuck on the edge of the glass in such a way that only the gap is visible. Any spillage of the sealant while sealing the gaps is only on the masking tape which shall be peeled off after the silicone sealant in the gap between the glasses is dry. The contractors shall note that all damages to the floor work to be reinstated without any extra cost including making & filling of the necessary holes etc complete to the satisfaction.

PARQUETTE WOODEN FLOORING -
Providing Parquette Wooden Flooring with the following Specifications:
Type: Original-Vintage
Thickness: 8 to 9mm thk
Weight: 8.2 kg/sq mts.
Core Material: HDF regular
Backing: Sound Bloc CS

Material Properties:

The material shall have a wear resistance, impact resistance, indentation resistance, resistance to rolling castors, resistance to furniture legs, stain resistance, resistance to burning cigarettes, slip resistance and resistance to color fading.

Apart from the above properties, the material shall have following additional properties:

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensional Stability</td>
<td>Less than 0.9 mm</td>
</tr>
<tr>
<td>Surface Soundness</td>
<td>More than 1.0 N per sq mm</td>
</tr>
<tr>
<td>Impact Sound Resistance</td>
<td>17 to 19 dB</td>
</tr>
<tr>
<td>Thermal Insulation</td>
<td>0.07 sq mts</td>
</tr>
<tr>
<td>Electrostatic charge</td>
<td>4 KV</td>
</tr>
<tr>
<td>Thickness Swelling</td>
<td>Less than 12%</td>
</tr>
</tbody>
</table>

Material Storage & Pre-requisites:
The material shall be stored in unopened packages at normal room temperature (More than 18 deg C) at least 0.5m from the walls, for at-least 48 hours prior to the installation. The contractor shall ensure that the boards are undamaged and free from any faults before installation. The contractor shall use felt pads and castor cups on furniture legs and provide external doormats inside all the external doorways to protect the floor at the time of handover. A maintenance guide of the approved company shall be made available any time and handed over to the client at the time of handover.

Material Installation:
The normal method of installation of Parquette Wooden Flooring is in a random installation pattern taking into consideration the type of installation pattern desired for the purpose of aesthetics or any technical reasons. The desired temperature in the room at the time of installation shall be at least 18 deg C and RH in the range of 30 to 80%. The joinery is tongue & grooved in an interlocking pattern including beading at the end. A teak moulding of size

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45 X 45 shall be provided and installed at the joinery junction of the wall and the floor as per the approved manufacturer’s specifications. The quoted rate shall be inclusive of leveling the surface, polishing etc complete to the satisfaction.

**Mode of Measurements**

The false ceiling shall include vertical supporting system as per site conditions taking rate of A.C. ducts, light fittings, grooves extra supports for openings, diffusers supports & will be measured in sq. ft. room wise & actual exposed surface will be measured.

All type of Flooring or carpets shall be measured in square feet with no payments for cutting, wastage, leads, diff. adhesives, grippers, cleaning etc.

Storage units area will be measured in elevation in Sq. Ft. (i.e. Height X Length) including grooves, making holes, locks, handles, shelves as per drawing, hinges, tower bolts, ball catch polishing to surfaces etc.

In case of paneling the paneled surfaces only will be measured.

Movable Furniture only the number will be taken into account. Unless otherwise Stated.

For False Ceiling only the actual quantity from wall to wall or partition to partition in the premises will be measured. No extra amounts will be paid for cuttings made for light fixtures, grills for A.C. etc.

In case of counters only length will be measured.

The length of the sofa will be considered unless otherwise stated.

The timber sizes mentioned are out of sizes.

**ELECTRICAL TECHNICAL SPECIFICATIONS.**

The Interior installation work shall confirm to the following I.S. Standards (latest additions), Local Supply Authorities Rules and Regulations and Fire Safety Norms.

1) IS: 732 Code of Practice for Interior wiring installation (System Voltage not exceeding 650V)

2) IS:1646 Code of Practice for fire safety of buildings (General Interior Installation).


4) IS:2667 Fittings for rigid steel conduits for Interior fittings.
5) IS:2509 Rigid non-metallic conduits for Interior installations.

6) IS:1293 Pin Plugs and Sockets.

7) IS: 694 PVC insulated cables with copper conductors for voltages up to 1100 Volts.

8) IS:9532 Specification for conduits for Interior Installation

9) IS:3854 5A & 15A Switches.


A-01. POINT WIRING:

a) METAL CONDUITS:

All conduit pipes shall confirm to IS 9537 PART-II 1981. Metal conduits shall be ERW black enameled 20mm/25mm as the case may be depending upon the number of wires permitted as table-1. The conduits shall be fixed to walls/ceiling with M.S. saddles and spacers at an interval of 1 meter and on either side of bends.

All conduit accessories shall be 16 gauge & bends shall be of inspection type. All bends, couplers, threaded portions etc. Shall be painted with anti-corrosive paint. Bends in the pipes shall be done with bending hickies.

All pipes shall be cleaned for sharp burrs. Switch boxes shall be of G.I. 16G/14G. The switch boxes shall be concealed as per site requirement & as per Architect’s/Consultant’s Instructions.

Point shall be controlled with 5A switch or directly from DB as specified in schedule of quantities. Where plate type switches are not specified the switch board shall have 3mm thick hylum sheet on which switches shall be mounted.

The wiring shall be carried out with multi stranded PVC insulated copper wires of 1.5 sq. mm. 2nos (Phase & Neutral) & 2.5sqmm(Earth). In all cases the earth shall be of green color and neutral shall be black color. All wires used shall be of 660 V grade. The point wiring shall be inclusive of circuit wiring from Distribution Board to the switch board unless otherwise stated in schedule of quantities. The circuit wiring shall be with 3 nos. of 2.5 sq. mm PVC insulated multi stranded copper conductors color coded as detailed above. The rate shall also be inclusive of any chasing as directed by

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the Architects/Consultant/Client's Engineer to conceal the drops and finishing the same.

In case of group control directly from Distribution Board, the primary point shall be from D.B. to the first point and secondary point from first point to the next point looped. The point shall terminate into the 3 plate-ceiling rose.

While laying the conduits in the slab before casting the slab, all drops shall be laid accurately to fall in position of the switchboard. Junction boxes shall be sand filled. All joints shall be airtight. Conduits shall be fastened to the re-enforcement properly so that the conduits do not get dislocated while casting the slab. All conduits shall have 18 swg fish wire.

b) PVC CONDUITS:

The PVC Conduits shall confirm to latest IS standards and shall be of medium gauge. The conduits shall be joined with PVC adhesive at Joints. The Conduits shall be fixed to walls/ceilings with GI, Spaces and Saddles at an interval of 60 cms & on either side of bends. The number of wires drawn in the conduits shall be as per table 1. The point wiring shall be controlled as in (a) above. The wiring shall be done with 2nos. of 1.5 sq. mm (Phase & Neutral) & 2.5sqmm (earth) PVC Insulated, copper conductors, multi stranded and color coded with green as earth and black neutral.

The circuit wiring shall be with 3 nos. of 2.5 sq. mm PVC insulated, copper conductors, multi stranded from distribution board to switch board and the rate shall be included in the point wiring unless otherwise stated in the schedule of quantities. All other details shall be as for metal conduits.

C) CASING CAPPING/ TRUNK AND TRUNKING:

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

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

A-02. DISTRIBUTION BOARDS:

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These shall be of sheet metal and of standard design with copper bus bars. The board shall be fixed at accessible heights. The boards shall be solidly fixed to walls/partitions, concealed or open as directed. All connections inside the distribution board shall be neatly arranged and tied with PVC strings. The MCB's shall be of 9 KA for fault level. The distribution boards shall be suitably earthed. Legend shall be written on D.B. with paint for identification of D.B. & Circuits.

A-03. CABLES:

Cables shall confirm to IS 1554-1976. Cables shall be heavy duty, armored, PVC insulated & PVC sheathed 1.1 KV grade aluminum or copper. Cable shall be fixed with G.I spacers & saddles at an interval of 45 cms and on every side of bends. The bending radii of cables shall be as per manufacturer’s instructions and in no case it shall be less than 12 times the overall diameter of the cable. Cable shall be so installed that they are not subject to mechanical damage. If there is a bend in the cable enclosed in a conduit, care has to be taken to prevent undue compression of insulation. This applies also to the top of vertical runs of longer than 5 meters where there could be compression caused by the weight of unsupported vertical cables. Cables may rest without fixing in horizontal runs or ducts or trunking. The cables run in cable trays shall be fixed with cable ties at intervals of not more than 30 cms. No joints in the cables shall be permitted unless the cables exceed the standard drum length. Joints if so necessary shall be located in accessible position. Termination of the cables shall be done with heavy duty copper/Aluminum lugs and brass cable glands.

Cables laid under ground shall be to a minimum depth of 750 mm. It shall be ensured that cables laid underground are free of water lines, sewage lines etc. The trenches shall be at least 30 cm wide & filled with 10 cms thick of layer of dry sand on which the cable shall be laid. Further, 10 cms thick sand layer shall be put on the cable over which a brick layer shall be kept. The trench shall than be back filled with soft earth, rammed and consolidated to original level. Cable route indicators shall be laid at intervals of 20 metres and at all change in directions.

For cables laid on walls aluminum tags shall be fixed showing the size of the cable and the feeder number of the cable. These tags shall be at each ends and at least one or two places at intermediate positions.

The mode of measurement of the cables shall be as follows:

i) For top entry of the cable, the measurement shall be taken up to the bottom of that switch-gear.

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

A-04. SWITCH FUSE UNITS:

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
Switch Fuse Units shall be of sheet metal or iron clad with HRC fuses as described in schedule of quantities. The unit shall be of robust construction of standard specified make, design to withstand adverse working conditions. It shall have quick break type mechanism with ON and OFF position indicators of the operating handle. The switch shall be interlocked so that the unit cannot be opened in ON condition. The interior shall be so arranged that clearance from live parts are adequate and shrouded. Manufacturer’s instructions shall be followed for installation of switch fuse units. The switch shall be solidly earthed. The switch shall be mounted on walls on angle iron support grouted to wall. The supports shall be treated for rust treatment & painted with 2 coats of synthetic enamel paint. The height of the switch board shall be such that it is accessible for operation & maintenance.

A-05. POWER PANELS:
The Power panels shall be fabricated from MS sheet steel 16 gauge and shall be of compartmental design. The main supporting framework shall be of angle iron or of heavier gauge sheet metal. The panel shall be self-supporting design, dust and vermin proof, dead front and fully interlocked with isolating switches. The panel-mounted switches shall have interlock defeat for testing and inspection.

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

The panel shall have separate cable ally and a bus bar chamber. The bus bars shall be rigid hard drawn tinned electrolytic copper & sleeved with heat shrinkable sleeves. The current density shall not exceed 1.25 amp per sqmm and the neutral bus shall be rated for capacity of phase bus unless otherwise stated in schedule of quantities/drawings. However, the minimum size of bars shall be 25mmx3mm.

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

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

A-06. EARTH PITS/STATION:

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The Earthing station shall be done as per IS 3043 (1981) and as per drawing no. E1. The earth pit shall be at least 2.5mtrs deep with GI Plate electrode. The GI plate electrode shall be hot dipped of 600mm x 600 mm x 6mm thick. The size for copper electrode shall be 600x600x3mm thk. An alternate layer of salt and charcoal shall be filled up to 200 mm above the top of the electrode. The electrode shall be connected with 25mm x 6 mm thick GI Flat which shall be terminated with nuts and bolts into brick masonry chamber on top. The brick masonry chamber shall be of size 300mm x 300mm x 300mm deep which will carry the funneling arrangement for watering. A GI Flat of 25 mm x 3 mm from brick masonry chamber to the switch gear inside the switch room shall be laid under ground and/or fixed to walls and the rate for this shall be paid as a separate item.

A-07. INSTALLATION OF ELECTRIC FITTINGS:

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

A-08 POWER FACTOR CORRECTION PANEL:

The power factor correction panel shall be fabricated from sheet steel & powder coated. The panel shall be compartmentalized with tinned copper bus bars TPN as described for power panels.

The power capacitors shall be APP type, low loss, 3 phase, delta connected & self discharged type.

The power factor control shall be done by automatic power factor control relay for controlling the power factor within the set limits by auto switching of required capacitor Banks. The required Capacity /P.F Banks shall be as per schedule of quantities. The P.F. shall be automatically corrected to near Unity.

The C.T. ratio given in the Schedule/diagram is indicative. The same shall be matched for correct operation depending upon the operating load. The relay shall be totally microprocessor based for setting the desired target power factor band. The APFC relay shall have indications like power ON, low current etc & shall be of required stages as per schedule of quantities. The P.F Panel shall have Auto Manual switching facility.

The general specification shall be as follows:

i) System supply voltage 415 volts.

ii) C.T. secondary rating 5 A, 5 VA Burden.

iii) Output switching capacity 5A at 230 V AC & 2A at 440 V AC, Operating temperature, 10 degree Centigrade to 50 degree Centigrade. Accuracy better than 1%. Low current release 10% of full rated C.T.

iv) Switching time between stages 4 to 6 seconds.

v) Range of indications of PF 0.5 lag to 0.5 lead digital.

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A-10. TESTING OF INTERIOR INSULATION:

The following tests shall be carried out after completion of the Interior insulation work.
1) Insulation Resistance Test.
2) Polarity Test of Switches.
3) Earth Continuity Test.

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

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

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

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

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

3) Earth Continuity Test: The Earth Continuity Conductor including metal conduits and metallic envelopes of cables in all cases shall be tested for electric continuity and Interior furnishings works category of 50 lacs to 100 lacs only.
resistance of the same along with the earthing lead but excluding any added resistance or earth leakage 
circuit breaker measured from connection with earth electrode to any point in the earth 
continuity conductor in the completed insulation shall not exceed 1 ohm.

AIR CONDITIONING TECHNICAL SPECIFICATIONS
SPLIT DUCTABLE AIRCONDITIONERS

AIR COOLED CONDENSING UNIT:
The condensing unit shall be comprised of the following:
Compressor (scroll/reciprocating)
- Condenser coil
- Condenser fan with motor.
- Sheet steel casing & suitable base frame
- Electrical isolating switch.

- Compressor:- The outdoor units shall comprise of one compressors with internally built high and low pressure cutouts

- Condenser Coil: - One single/double circuited condenser coil, of 3/8” O.D. copper tubing (22 G) with serrated and extended aluminum fins. Tubes shall be arranged in a staggered design for better efficiency. Condenser coil working pressure to be 300 psi.

- Condenser Fan With Motor:- Axial flow fan for condenser shall be adequately sized and shall be direct driven. The fans shall be selected for low noise level and speed shall not exceed 920 rpm. Condenser fan motor to be IP55 (suitable for outdoor mounting) and all electrical components shall be housed in a water proof enclosure.

- Sheet Metal Casing: - All duly enclosed in a G.I. powder coated steel sheet cabinet duly made weather proof. The outdoor units shall be mounted on mild steel stands to be provided by the contractor, to suit the site conditions.

INDOOR UNITS

The indoor units shall comprise of a single/double circuited cooling coil, evaporator fan with fan motor duly enclosed in a G.I. powder coated steel sheet cabinet. Suitable angle iron bracing for unit suspension shall be provided. The drain tray shall be insulated and the cabinet shall be acoustically insulated if so required by the contractor to ensure noise level is within acceptable norms as determined and accepted by the client. Filters shall be easily removable and cleanable.

REFRIGERANT PIPING

The refrigerant piping shall be out of hard / soft quality 22 gauges, pre-pressure tested, copper seamless pipe, of sizes as calculated to limit the pressure drop to 2 F in the suction line and 1 F in the liquid line and hot gas line. The tenderer should ensure that the units

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
are capable of delivering the rated capacity and meet the inside design conditions based on the locations of the indoor and outdoor units as shown on the relevant drawing, and also ensure that the air-conditioning units can perform, at the distances and elevation differences between the indoor and outdoor units.

Refrigerant pipes should be supported on grooved wooden stripes suitable to accommodate the insulated refrigerant pipes. The piping should be clamped to these wooden strips using a ‘C’ clamps. The distance between two supports should not be more than 5 ft. wherever the pipes are running on the floor or exposed to view should be covered with 18 G GI tray plastic tray.

DRAIN PIPING

Drain piping out of PVC / G.I. medium class pipe shall have to be provided from the indoor unit to the drain point identified by the client. Interconnection between the drain outlet of the indoor unit and the drain pipe may be carried out using P.V.C. hard non-kinkable pipe with excellent water-proof clamping arrangement at the both ends to thoroughly ensure that no water droplets trickle down. A ‘U’ traps of minimum 2 depth, constructed out of hard P.V.C. elbows shall be installed just at the drain outlet of the indoor unit.

TESTING & BALANCING

After completion all duct systems shall be tested for air leakage. The entire air distribution system shall be balanced to supply return or exhaust the air quantities as required in the various regions to maintain the specified room conditions.

INSULATION

General:

The insulating materials shall be manufactured by the approved manufacturers and specifically intended for the services specified.

The thickness of insulation shall be as specified. When thickness specified are more than 60 mm, and then multilayers insulation with inner layer of 50 mm thickness is to be applied.

Recommended Thickness - Thickness of insulating Material will be as under

<table>
<thead>
<tr>
<th>Pipes and equipment</th>
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</tr>
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<tbody>
<tr>
<td>Temp. Range</td>
<td></td>
</tr>
<tr>
<td>Deg-F</td>
<td></td>
</tr>
<tr>
<td>30-40</td>
<td>12-75</td>
</tr>
</tbody>
</table>

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Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
SAFETY CODE

i. Suitable scaffolds should be provided for workmen for all works that cannot safely be done from the ground, or from solid construction except such short period work as can be done safely from ladders. When a ladder is used an extra mazdoor shall be engaged for holding the ladder and if the ladder is used for carrying materials as well, suitable footholds and handholds shall be provided on the ladder and the ladder shall be given an inclination not steeper than $\frac{1}{4}$ to 1 ($\frac{1}{4}$ horizontal and 1 vertical).

ii. Scaffolding or staging more than 3.6 m (12 feet) above the ground or floor, swung or suspended from an overhead support or erected with stationary support shall have guard rail properly attached bolted, braced and otherwise secured at least 90 cm (3 feet) high above the floor or platform of such scaffolding or staging and extending along the entire length of the outside and ends thereof with only such opening as may be necessary for the delivery of materials. Such scaffolding or staging shall be so fastened as to prevent it from swaying from the building or structure.

iii. Working platform, gangways, and stairways should be so constructed that they should not sag unduly or unequally, and if the height of the platform or the gangway or the stairway is more than 3.6m (12 feet) above ground level or floor level, they should be closely boarded, should have adequate width and should be suitably fastened as described in (ii) above.

iv. Every opening in the floor of a building or in a working platform be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing whose minimum height shall be 90 cm (3 feet).

v. Safe means of access shall be provided to all working platforms and other working places. Every ladder shall be securely fixed. No portable single ladder shall be over 9 m. (30 feet) in length while the width between side rails in rung ladder shall in no case be less than 29 cm (11 ½") for ladder upto and including 3 m (10 feet) in length. For longer ladders this width should be increased at least $\frac{1}{4}''$ for each additional 30 cm (1 foot) of length. Uniform step spacing shall not exceed 30 cm (12"). Adequate precautions shall be taken to prevent danger from electrical equipment. No materials on any of the sites of work shall be so stacked or placed as to cause danger or inconvenience to any person or the public. The contractor shall provide all necessary fencing and lights to protect the public from accident, and shall be bound to bear the expenses of defence of every suit, action or other proceedings at law that may be brought by any persons for injury sustained owning to neglect of the above precautions and to pay any damages and cost 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.

vi. Excavation and Trenching :: All trenches, 1.2 m (four feet) or more in depth, shall at all times be supplied with at least one ladder for each 30 m. (100 feet) in length or fraction thereof. Ladder shall be extended from bottom of the trench to at least 90 cm (3 feet) above the surface of the ground. The side of the trenches which are 1.5 m (5 feet) or more in depth shall be stepped back to give suitable slope or securely held by timber bracing, so as to avoid the danger of sides to collapse. The excavated material shall not be placed within 1.5m (5 feet) of the edges of the trench or half of the depth of the trench which

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
ever is more. Cutting shall be done from top to bottom. Under no circumstances undermining or undercutting shall be done.

vii. > Demolition:: Before any demolition work is commenced and also during the process of the work :-

a) All roads and open areas adjacent to the work site shall either be closed or suitably protected.
b) No electric cable or apparatus which is liable to be a source of danger over a cable or apparatus used by the operator shall remain electrically charged.
c) All practical steps shall be taken to prevent danger to persons employed from risk of fire or explosion or flooding. No floor, roof or other part of the building shall be so overloaded with debris or materials as to render it unsafe.

viii. > All necessary personal safety equipment as considered adequate by the Engineer-in-Charge should be kept available for the use of the person employed on the site and maintained in a condition suitable for immediate use, and the contractor should take adequate steps to ensure proper use of equipment by those concerned ::-

a. Workers employed on mixing asphaltic materials, cement and lime mortars shall be provided with protective footwear and protective goggles.
b. Those engaged in white washing and mixing or stacking of cement bags or any material which is injurious to the eyes shall be provided with protective goggles.
c. Those engaged in welding works shall be provided with welder’s protective eye shields.
d. Stone breakers shall be provided with protective goggles and protective clothing and seated at sufficiently safe intervals.
e. When workers are employed in sewers and manholes, which are in use, the contractors shall ensure that the manhole covers are opened and ventilated at least for an hour before the workers are allowed to get into the manholes, and the manholes so opened shall be cordoned off with suitable railing and provided with warning signals or boards to prevent accident to the public.
f. When workers are employed in sewers and manholes, which are in active use, the contractor shall ensure that the following safety measures are adhered to :-

i) Entry for workers into the line shall not be allowed except under supervision of the Architect or any other higher officer.
ii) At least 5 to 6 manholes upstream and downstream should be kept open for at least 2 to 3 hours before any man is allowed to enter into the Manholes for working inside.
iii) Before entry, presence of toxic gases should be tested by inserting wet lead acetate paper, which changes colour in the presence of such gases and gives indication of their presence.
iv) Presence of oxygen should be verified by lowering a detector lamp into the manhole. In case, no oxygen is found inside the sewer line, workers should be sent only with Oxygen kit.
iv) Safety belt with rope should be provided to the workers. While working inside the manholes such rope should be handled by two men standing outside to enable him to be pulled out during emergency.

v) No smoking or open flames be allowed near the blocked manholes being cleaned.

vi) The Malba obtained on account of cleaning of blocked manholes and sewer lines should be immediately removed to avoid accidents on account of slippery nature of the malba.

vii) Workers should not be allowed to work inside the manhole continuously. He should be given rest intermittently. The Engineer-in-Charge may decide the time up to which a worker may be allowed to work continuously inside the manhole.

viii) Gas masks with oxygen cylinder should be kept at site for use in emergency.

ix) Air blowers should be used for flow of fresh air through the manholes. Whenever called for, Portable air blowers are recommended for ventilating the manholes. The Motors for these shall be vapour proof and of totally enclosed type. Non sparkling gas engines also could be used but they should be placed at least 2 meters away from the opening and on the lowered side protected from wind so that they will not be source of friction on any inflammable gas that might be present.

x) The workers engaged for cleaning the manholes/sewers should be properly trained before allowing to work in the manhole.

xi) The workers shall be provided with Gumboots or non-sparking shoes, bump helmets and gloves, non-sparking tools, safety lights and gas masks and portable air blowers (when necessary). They must be supplied with barrier cream for anointing the limbs before working inside the sewer lines.

xii) Workmen descending a manhole shall try each ladder step or rung carefully before putting his full weight on it to guard against insecure fastening due to corrosion of the rung fixed to manhole wall.

xiii) If a man has received a physical injury he should be brought out of the sewer immediately and adequate medical aid should be provided to him.

xiv) The extent to which these precautions are to be taken depend on individual situation but the decision of the Engineer-in-Charge regarding the steps in this regard to be taken in an individual case will be final”.

a. The contractor shall not employ men below the age of 18 years and women on the work of painting with products containing lead in any form. Wherever men above the age of 18 are employed on the work of lead painting, the following precautions should be taken ::

i) NO paint containing lead or lead products shall be used except in the form of paste or readymade paint.

ii) Suitable face masks should be supplied for use by the workers when paint is applied in the form of spray or a surface having lead paint dry rubbed and scrapped.

iii) Overalls shall be supplied by the contractors to the workmen and adequate facilities shall be provided to enable the working painters to wash during the cessation of work.

Whenever men above the age of 18 are employed on the work of lead painting, the following principles must be observed for such use::
I. a. White lead, sulphaste of lead, or products containing these pigments shall not be used in painting operation except in the form of paste or of paint ready for use.

b. Measures shall be taken in order to prevent danger arising from the application of paint in the form of spray.

c. Measures shall be taken, whenever practicable, to prevent danger arising from dust caused by dry rubbing down and scraping.

II. a. Adequate facilities shall be provided to enable working painters to wash during and on cessation of work.

b. Overall shall be worn by all the working painters during the whole of the working period.

c. Suitable arrangements shall be made to prevent clothing put off during working hours being soiled by painting materials.

III. a. Cases of lead poisoning and of suspected lead poisoning shall be notified and subsequently verified by a medical man appointed by the competent authorities of the Employee.

b. The Employer may require, when necessary a medical examination of workers.

c. Instructions with regard to the special hygienic precautions to be taken if the painting work shall be distributed to working painters.

ix.> When the work is done near any place where there is risk of drowning, all necessary equipment’s should be provided and kept ready for use and all necessary steps taken for prompt rescue of the person in danger and adequate provision should be made for prompt first aid treatment of all injuries likely to be sustained during the course of the work.

x.> Use of hoisting machines and tackle including their attachments, anchorage and supports shall conform to the following standards or conditions::

1) a. These shall be of good mechanical construction, sound material and adequate strength and free from patent defects and shall be kept in good repair and in good working order.

b) Every rope used in hoisting or lowering materials or as a means of suspension shall be of durable quality and adequate strength, and free from patent defects.

2). Every crane driver or hoisting appliance operator shall be properly qualified and no person under the age of 21 years should be in charge of any hoisting machine including any scaffolding winch or give signals to operator.

3). In case of every hoisting machine and of every chain ring hook, shackle swivel and pulley block used in hoisting or a means of suspension the safe working load shall be ascertained by adequate means. Every hoisting machine and all gear referred to above shall be plainly marked with the safe working load. In case of a hoisting machine having a variable safe working load, each safe working load and the conditions under which it is applicable

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shall be clearly indicated. No part of any machine or any gear referred to above in this paragraph shall be loaded beyond the safe working load except for the purpose of testing.

4). In case of Employer’s machines, the safe working load shall be notified by the Electrical Engineer-in-Charge. As regards contractors’ machines the contractors shall notify the safe working load of the machine to the Engineer-in-Charge whenever he brings any machinery to site of work and get it verified by the Electrical Engineer concerned.

xi.> Motors, gearing, transmission, electric wiring and other dangerous parts of hoisting appliances should be provided with efficient safeguards. Hoisting appliances should be provided with such means as will reduce to the minimum the risk of accidental descent of the load. Adequate precautions should be taken to reduce to the minimum the risk of any part of a suspended load becoming accidentally displaced. When workers employed on electrical installations which are already energised, insulating mats, wearing apparel, such as gloves, sleeves and boots as may be necessary should be provided. The workers should not wear any rings, watches and carry keys or other materials which are the good conductors of electricity.

xii.> All scaffolds, ladders and other safety devices mentioned or described herein shall be maintained in safe conditions and no scaffold, ladder or equipment shall be altered or removed while it is in use. Adequate washing facilities should be provided at or near places or work.

xiii.> These safety provisions should be brought to the notice of all concerned by display on a notice board at a prominent place at work spot. The person responsible for compliance of the safety code shall be named therein by the contractor.

xiv.> To ensure effective enforcement of the rules and regulations relating to safety precautions the arrangements made by the contractor shall be open to inspection by the Labour Officer of the Government, Engineer-in-Charge of the Employer or their representatives.

xv.> Notwithstanding the above clauses from (i) to (xiv) there is nothing in these to exempt the contractor from the operations of any other Act or Rule in force in the Republic of India.

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Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
MODEL RULES FOR PROTECTION OF HEALTH AND SANITARY ARRANGEMENTS FOR WORKERS EMPLOYED BY CONTRACTORS

1>. Application::

These rules shall apply to all building and construction works in which twenty or more workers are ordinarily employed or are proposed to be employed on any day during the period during which the contract work is in progress.

2>. Definition::

Work place means a place where twenty or more workers are ordinarily employed or are proposed to be employed in connection with construction work on any day during the period during which the contract work is in progress.

3>. First Aid facilities::

(1) At every work place there shall be provided and maintained, so as to be easily accessible during working hours, first-aid boxes at the rate of not less than one box for 150 contract labour or part there of ordinarily employed.

(2) The first-aid box shall be distinctly marked with a red cross on white ground and shall contain the following equipment, namely::-

   a.> For work places in which the number of contract labour employed does not exceed 50.
   Each first-aid box shall contain the following equipments ::-

   i.  6 small sterilised dressings.
   ii. 3 medium size sterilised dressings.
   iii. 3 large size sterilised burn dressings.
   iv. 1 (30 ml.) bottle containing a two percent alcoholic solution of iodine.
   v. 1 (30 ml.) bottle containing salvolatile having the dose and mode of administration indicated on the label.
   vi. 1 snake-bite lancet.
   vii. 1 (30 gms) bottle of potassium permanganate crystals.
   viii. 1 pair scissors.
   ix. 1 copy of the first aid leaf let issued by the Director General, Factory Advice Service and Labour Institutes, Government of India.
   x. 1 bottle containing 100 tablets (each of 5 grams) of aspirin.
   xi. Ointment for burns.
   xii. A bottle of suitable surgical antiseptic solution.

(3) Adequate arrangements shall be made for immediate recoupment of the equipment when necessary.

(4) Nothing except the prescribed contents shall be kept in the First- aid box.

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
(5) The first Aid box shall be kept in charge of a responsible person who shall always be readily available during the working hours of work place.

(6) A person in charge of the First Aid box shall be a person trained in First-Aid treatment, in work places where the number of contract labour employed is 150 or more.

(7) In work places where the number of contract labour employed is 500 or more and hospital facilities are not available within easy distance of the works. First/Aid posts shall be established and run by a trained compounder. The Compounder shall be on duty and shall be available at all hours when the workers are at work.

(8) Where work places are situated in places which are not towns or cities, a suitable motor transport shall be kept readily available to convey injured person or person suddenly taken ill to the nearest hospital.

4>. Drinking water::

(a) In every work place there shall be provided and maintained at suitable places, easily accessible to labour, a sufficient supply of cold water fit for drinking.

(b) Where drinking water is obtained from an intermittent public water supply, each work place shall be provided with storage where such drinking water shall be stored.

(c) Every water supply of storage shall be at a distance of not less than 50 feet from any latrine, drain or other source of pollution. Where water has to be drawn from an existing well which is within such proximity of latrine, drain or any other source of pollution, the well shall be properly chlorinated before water is drawn from it for drinking. All such wells shall be entirely closed in and be provided with a trap-door which shall be dust and waterproof.

(d) A reliable pump shall be fitted to each covered well, the trap-door shall be kept locked and opened only for cleaning or inspection which shall be done at least once a month.

5>. Washing facilities::

(i) In every work place adequate and suitable facilities for washing shall be provided and maintained for the use of contract labour employed therein.

(ii) Separate and adequate screening facilities shall be provided for the use of male and female workers.

(iii) Such facilities shall be conveniently accessible and shall be kept in clean and hygienic condition.

6>. Latrines and Urinals::

(i) Latrines shall be provided in every work place on the following scale, namely:-
(a) Where females are employed there shall be at least one latrine for every 25 females.
(b) Where males are employed, there shall be at least one latrine for every 25 males.

Provided that where the number of males or female exceeds 100, it shall be sufficient if there is one latrine for 25 males or females, as the case may be, upto the first 100 and one for every 50 thereafter.

(ii) Every latrine shall be under cover and so partitioned off as to secure privacy, and shall have proper door and fastenings.

(iii) Construction of latrines: The inside walls shall be constructed of masonry or some suitable heat-resisting non-absorbent materials and shall be cement washed inside and outside at least once a year. Latrines shall not be of a standard lower than bore-hole system.

(iv) a. Where workers of both sexes are employed, there shall be displayed outside each block of latrine and urinal, a notice in the language understood by the majority of the workers “For Men only” or “For Women Only” as the case may be.

- The notice shall also bear the figure of a man or of a woman as the case may be.

(v) There shall be at least one urinal for male workers upto 50 and one for female workers upto fifty employed at a time. Provided that where the number of male or female workmen, as the case may be, exceeds 500, it shall be sufficient if there is one urinal for every 50 males or females upto the first 500 and one for every 100 or part thereof, thereafter.

(vi) a. The latrines and urinals shall be adequately lighted and shall be maintained in a clean and sanitary condition at all times.

b. Latrines and urinals other than those connected with a flush sewerage system shall comply with the requirements of the Public Health Authorities.

(i) Water shall be provided by means of a tap or otherwise so as to be conveniently accessible in or near the latrines and urinals.

(viii) Disposal of excreta: Unless otherwise arranged for by the local sanitary authority, arrangements for proper disposal of excreta by incineration at the work place shall be made by means of a suitable incinerator. Alternately excreta may be disposed of by putting a layer of night soil at the bottom of a pucca tank prepared for the purpose and covering it with a 15 cm layer of waste or refuse and then covering it with a layer of earth for a fortnight (when it will turn into manure).

(ix) The contractor shall, at his own expense, carry out all instructions issued to him by the Engineer-in-Charge to effect proper disposal of soil and other conservancy work in respect of the contractors' workmen or employees on the site. The contractor shall be responsible for payment of any charges which may be levied by Municipal or Cantonment Authority for execution of such work on his behalf.

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7>. Provision of shelter during rest::
At every place there shall be provided, free of cost, four suitable sheds, two for meals and the other two for rest separately for the use of men and women labour. The height of each shelter shall not be less than 3 meters from the floor level to the lowest part of the roof. These shall be kept clean and the space provided shall be on the basis of 0.6 sq.mt. per head.

Provided that the Engineer-in-Charge may permit, subject to his satisfaction, a portion of the building under construction or other alternative accommodation to be used for the purpose.

8>. Creches::
(a) At every work place, at which 20 or more women worker are ordinarily employed, there shall be provided two rooms of reasonable dimensions for the use of their children under the age of six years one room shall be used as a play room for the children and the other as their bed-room. The rooms shall be constructed with the specification as similar to these given in para 2 (a) of clause 19 H.

(b) The rooms shall be provided with suitable and sufficient openings for light and ventilation. There shall be adequate provision of sweepers to keep the places clean.

(c) The contractor shall supply adequate number of toys and games in the play room and sufficient number of cots and bedding in the bed room.

(d) The contractor shall provide one dais to look after the children in the crèches when the number of women workers does not exceed 50 and two dais when the number of women workers exceed 50.

(e) The use of the rooms earmarked as crèches shall be restricted to children, their attendants and mothers of the children.

9>. Anti-Malarial precautions::
The contractor shall at his own expense, conform to all anti-malarial instructions including the filling up of any borrow pits which may have been dug by him.

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Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
NOTE:-

1. The contractor shall produce samples before procurement of the material for approval of the Employer for all materials required for works. Samples can be submitted from any of the above makes and they shall conform to specifications. Samples as approved by the Employer shall only be used on the works and the decisions of the Employer regarding sample shall be final.

2. In respect of materials for which approved makes are not specified as above, the same shall be decided by Employer and shall be as per sample got approved from Employer before procurement.

3. The contractor shall submit samples of all materials three months before the date of work for approval from the Employer.

LIST OF RECOMMENDED MATERIALS – CIVIL & INTERIOR WORKS

<table>
<thead>
<tr>
<th>S. No. &amp; Material</th>
<th>Approved Brand/ Manufacturers</th>
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<tbody>
<tr>
<td>1. SBR Polymer</td>
<td>Sunanda Chemicals Pvt Ltd,</td>
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<tr>
<td></td>
<td>Roffe, Fosroc, Dr. Fixit, BASF</td>
</tr>
<tr>
<td>2. Water Proofing Compound</td>
<td>Sunanda Chemicals Pvt Ltd,</td>
</tr>
<tr>
<td></td>
<td>Roffe, Fosroc, Dr. Fixit, BASF</td>
</tr>
<tr>
<td>3. Grouting Additive, Compound</td>
<td>Sunanda Chemicals Pvt Ltd,</td>
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<tr>
<td></td>
<td>Roffe, Fosroc, Dr. Fixit, BASF</td>
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<tr>
<td>4. Superfluid Micro Concrete</td>
<td>Sunanda Chemicals Pvt Ltd,</td>
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<tr>
<td></td>
<td>Roffe, Fosroc, Dr. Fixit, BASF</td>
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<tr>
<td>5. Tile Joint filler</td>
<td>Sunanda Chemicals Pvt Ltd,</td>
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<tr>
<td></td>
<td>Roffe, Fosroc, Dr. Fixit, BASF</td>
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<tr>
<td>6. Carbon / Glass Fibre (Wrapping)</td>
<td>BASF, JSR, KRISHNA CONCHEM</td>
</tr>
</tbody>
</table>

8. All other Construction, Repairs,

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**Restoration & Strengthening**

<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
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<tbody>
<tr>
<td>Chemicals</td>
<td>Sunanda Chemicals Pvt Ltd, Roffe, Fosroc, Dr. Fixit, BASF</td>
</tr>
</tbody>
</table>

9. Veneers (Natural) | Durian, Century, Samrat, Mayur (4 mm thk) |

10. Laminates      | Silicon, Sunmica, Durian, Greenlam |

11. Hardware       | Godrej, Kich. Hettich, Dorma |

12. Adhesive       | For wood- Fevicol For Stainless Steel, Brass, Glass - Ciba’s Araldite. |

13. Paint of all types | Asian Paints, I.C.I. (Deluxe) Berger, Sunanda Chemicals, BASF |

14. Door Closers / | Dorma, Godrej, Hemco, Hardwyn. Floor Spring |

15. Soft Board     | Anil Hard Board Co. |

16. Locks          | Godrej. |

17. Wood Preservatives | Asian, Bison-British Paints or equivalent approved by Architect. |

18. Polyurathene foam | U-foam or equivalent. |

19. Pest Control   | PCI, Godrej or approved by Architect |

20. Teak Wood      | Best quality teak, Well seasoned, free from sap, Knots, cracks, uniform in colour. |

21. Glass / Glazing & Structural Glazing | Glaverbell / Saint Gobain, Pilkington, ASAHI Modiguard |

22. PVC Flooring   | Premier Vinyl, Krishna Vinyl |

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23. Gypsum Board  
India Gypsum Ltd.

24. Mineral Fibre ceiling  
Armstrong, AMF – Exclusive range.

25. Venetian blinds & Roller blinds  
Hunter Douglas, Vista, Mac

26. Sliding channels  
Earl Bihari

28. Tile adhesives  
Sunanda Chemicals, Pedelite, Roff

29. Ceramic & Vitrified tiles  
RAK, Euro, Johnson, Kajaria.

30. Plumbing fixtures  
Jaguar, Marco

31. Sanitary fixtures  
American Standards, Roca, Parryware.

32. Structural Steels  
Tata Steel, SAIL

33. Aluminium Sections  
Jindal or Indal

34. ACP  
Alcobond, Durabuild, Alstrong, Eurobond.

35. Special Fittings  
Dorma / Kich/Hettich

36. All Repair Work / Construction chemicals  
Sunanda Specialty Coatings Pvt Ltd. / Dr. Fixit

37. Fire Doors  
Godrej, Royale Touch

38. Bison Board  
Bison

39. Calcium Silicate board  
Hilux, Promatec

40. Sun Control Film & Reflective films  
Llumar, 3M

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41. Cement	Ultratech, ACC, Ambuja, JK
42. Reinforcement Steel /
Structural Steel	TATA, SAIL
43. Glazing Sealants	DOW Corning, GE Sealant
44. SS Railing	Kitch, Hettich
45. Textured Paint	Oikos, Heritage, Spectrum
46. Sanitary Assesories	Kimberly Clark
47. CHEMICAL USED FOR
ANTI-TERMITE TREATMENT
CHLORPYERIPHOS 20%EC
NOCIL (Dursban TC), LUPIN (Classic 20)
MONTARI INDUSTRIES (Pyramid)
48. Flush doors	Royal Touch, Mayur, Anchor, kit, Durian
49. General Miscellaneous Material List:

| BITUMEN | a) INDIAN OIL | b) HINDUSTAN PETROLEUM | c) ASSAM OIL |
| PVC STRIPS, PVC NOSING, PVC WATER STOPS, PVC HAND RAIL | a) FIXOPAN BY FIXOPAN ENGINEERS PVT. LTD. | b) CALIPLAST | c) WAVIN |
| WHITE PORTLAND CEMENT | a) BIRLA WHITE | b) JK WHITE |
| DISTEMPER | a) JENSON AND NICOLSON | b) BERGER PAINTS | c) ICI | a) ASIAN PAINT | e) SHALIMAR |
| SYNTHETIC ENAMEL PAINT | a) JENSON AND NICOLSON | b) BERGER PAINTSI | c) ICI | d) ASIAN PAINT | f) SHALIMAR | g) NEROLAC |
| MARBLE CHIPS | a) CHHOTAUDAIPUR | b) NATHDWARA |

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
<table>
<thead>
<tr>
<th>Category</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>TERRAZZO TILES</td>
<td>a) NITCO b) MODERN c) GEM</td>
</tr>
<tr>
<td>CERAMIC TILES</td>
<td>a) KAJARIA b) H &amp; R JOHNSON c) BELL CERAMIC</td>
</tr>
<tr>
<td>FACTORY MADE FLUSH DOOR SHUTTERS</td>
<td>a) KITPLY INDUSTRIES LTD. b) JWALA c) CENTURY</td>
</tr>
<tr>
<td>EXPANSION BOLT</td>
<td>a) HILTI b) FISHER</td>
</tr>
<tr>
<td>GLAZING SEALANT</td>
<td>a) DOW CORNING b) GE SEALANT</td>
</tr>
<tr>
<td>NOVAPAN ALUMINIUM FLUSH DOOR</td>
<td>a) AGV ALUMINIUM PVT. LTD. b) SHIVALCO</td>
</tr>
<tr>
<td>PRESS STEEL DOOR FRAME</td>
<td>a) PRESS METAL CORPORATION b) SATJI ENGG. INDUSTRIES c) ANDNA</td>
</tr>
<tr>
<td>POLYCARBONATE SKYLIGHT</td>
<td>a) COXWELL DOMES b) HINDUSTAN ALCOX LTD. c) LEXUS d) LEXAN</td>
</tr>
<tr>
<td>RCC HUME PIPE</td>
<td>a) INDIAN HUME PIPE b) JAIN HUME PIPE</td>
</tr>
<tr>
<td>WELDING ELECTRODE</td>
<td>a) ADVANI OERLIKON</td>
</tr>
<tr>
<td>WELDED MESH</td>
<td>a) SHAKTI WELD MESH b) IRC c) MULTIWELD WIRE CO.</td>
</tr>
<tr>
<td>PUTTY</td>
<td>a) SHALIMAR b) ASIAN PAINT c) SNOCEM INDIA LTD. d) BERGER PAINTS</td>
</tr>
<tr>
<td>BRASS/POWDER COATED HARDWARE</td>
<td>a) ERLBEHARI b) PARMAR c) DORMA d) Hetchit e) PALLADIUM</td>
</tr>
<tr>
<td>STAINLESS STEEL</td>
<td>a) SALEM STAINLESS STEEL (SAIL)</td>
</tr>
<tr>
<td>ROLLING SHUTTERS</td>
<td>a) DIANA b) RAMA c) SARTAJ</td>
</tr>
<tr>
<td>POTTERY TILES</td>
<td>a) RAJA b) SWASTIC</td>
</tr>
<tr>
<td>SILICONE</td>
<td>a) NISIWA b) COATSIL c) PERMACOTE</td>
</tr>
<tr>
<td>ALUMINIUM ALLOY EXTRUDED SECTION</td>
<td>a) INDAL b) JINDAL c) HINDALCO</td>
</tr>
<tr>
<td>FLOAT GLASS</td>
<td>a) MODI GUARD b) INDO ASAHI c) TATA FLOAT</td>
</tr>
</tbody>
</table>

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
<table>
<thead>
<tr>
<th>Category</th>
<th>Brands</th>
</tr>
</thead>
</table>
| ALUMINIUM DOORS, WINDWS, VENTILATORS, FIXED GLAZING |  a) ALKARMA  
  b) AJIT INDIA  
  c) NAIR ARKIMETRALS  
  d) SHIVALCO |
| IMPREGRANATED FIBRE BOARD                  |  a) SHALITEX BY SHALIMAR TAR PRODUCTS |
| UPVC PIPES AND FITTINGS, PVC FITTINGS AND FRAMES PIPIS ETC. |  a) LAKSHMI  
  b) SUPREME  
  c) PRICE  
  d) PRAKASH  
  e) PRAYAG  
  f) POLYMERS  
  g) FINOLEX |
| MILD STEEL PIPES, PLATES, CHEQUERRED PLATE, BEAMS, STRIPS ETC. |  a) TISCO  
  b) SAIL  
  c) RASHTRIA ISPAT |
| RESIN BASED ADHESIVE                       |  a) FEVICOL  
  b) VAMICOL |
| NON-METALIC MINERAL BASED FLOOR HARDENER   |  a) “DRYSHAKE” BY MC BRAUCHMIE  
  b) FOSROC  
  c) SUNANDU CHEMICALS |
| LIME                                       |  SATANA LIME WORKS |
| POLYSULPHIDE SEALANT FOR EXPANSION JOINTS  |  a) CHOKSEY CHEMICAL  
  b) STRUCTURAL WATER PROOFING CO.  
  c) SHALIMAR TAR PRODUCTS  
  d) SUNANDA CHEMICALS |
| SANITARY FITTINGS & FIXTURES, ELECTRICAL:  | **-**  
  Mastic Compound: Tarplastic of Shalimar tar products  
  Nahani Traps: Neco, Reiko, Cieco  
  A.C.Pipes: Swastic, Guru  
  G.I.Pipes: ITC make, ISI marked, TATA  
  PVC flush tank: Commander, Prince  
  C.I.Pipes: Neco, BIS  
  Switches, switch fuses, plugs, holders, sockets and all other electrical fixtures: Anchor  
  Epoxy: Sunanda specialty chemicals (I) Ltd. Dr. Fixit  
  Steel Fiber Reinforced Concrete Manhole Covers: Pratibha Industries  
  Micro silica: Elkem Materials |

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.

### LIST OF APPROVED MAKES – INTERIOR FURNISHING WORKS

<table>
<thead>
<tr>
<th>S. No. &amp; Material</th>
<th>Approved Brand/ Manufacturers</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Plywood B.W.R. (710) Grade phenol Bonded</td>
<td>Mayur ply, Samrat ply, Archid Ply, Timex Ply Bonded</td>
<td></td>
</tr>
<tr>
<td>2. Particle Board (Exterior Grade Eco Friendly, Wood free)</td>
<td>Ken Board, Euro Board, Eco boards, ASIS Industries</td>
<td></td>
</tr>
<tr>
<td>3. Veneers (Natural) (4mm thk.)</td>
<td>Durian, Samrat, Kit ply, Century, Greenlam.</td>
<td></td>
</tr>
<tr>
<td>4. Laminates</td>
<td>Samrat Mica, Amulya, Archidply, Sunmica(AICA) Optus, Timex</td>
<td></td>
</tr>
<tr>
<td>5. Hardware</td>
<td>Windor, Kich or Approved by Bank</td>
<td></td>
</tr>
<tr>
<td>6. Adhesive</td>
<td>For wood- Fevicol, Vamicol For Stainless Steel, Brass, Glass - Ciba’s Araldite.</td>
<td></td>
</tr>
<tr>
<td>7. Paint</td>
<td>I.C.I. (Deluxe) Nerolac, Asian, Berger</td>
<td></td>
</tr>
<tr>
<td>8. Door Closers Floor Springs</td>
<td>Dorma, Windor,</td>
<td></td>
</tr>
<tr>
<td>10. Locks</td>
<td>Godrej. Dorma, Windor,</td>
<td></td>
</tr>
<tr>
<td>11. Wood Preservatives</td>
<td>Asian, Bison-British Paints or equivalent approved by Architect.</td>
<td></td>
</tr>
<tr>
<td>12. Rubber Foam</td>
<td>MM Rubber foam, or equivalent</td>
<td></td>
</tr>
<tr>
<td>13. Polyurathene foam</td>
<td>U-foam or equivalent.</td>
<td></td>
</tr>
<tr>
<td>14. Pest Control</td>
<td>PCI, Godrej or approved by Bank</td>
<td></td>
</tr>
<tr>
<td>15. Teak Wood</td>
<td>Best quality teak, Well seasoned, free from sap, Knots, cracks, uniform in colour.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Item</td>
<td>Brands/Manufacturers</td>
</tr>
<tr>
<td>----</td>
<td>-----------------------------</td>
<td>-----------------------------------------------------</td>
</tr>
<tr>
<td>16</td>
<td>Glass</td>
<td>Modiguard, Saint Gobain, ASAHI, Treveni</td>
</tr>
<tr>
<td>17</td>
<td>PVC Flooring</td>
<td>Premier Vinyl, Krishna Vinyl</td>
</tr>
<tr>
<td>18</td>
<td>Gypsum Board</td>
<td>India Gypsum Ltd, Daiken.</td>
</tr>
<tr>
<td>19</td>
<td>Mineral Fibre ceiling</td>
<td>Armstrong, AMF, Daiken.</td>
</tr>
<tr>
<td>20</td>
<td>Venetian blinds</td>
<td>Hunter Douglas, Vista, Mac</td>
</tr>
<tr>
<td>21</td>
<td>Sliding channels</td>
<td>Earl Bihari</td>
</tr>
<tr>
<td>22</td>
<td>Chair stands</td>
<td>Pitroda, Parmar</td>
</tr>
<tr>
<td>23</td>
<td>Tile adhesives</td>
<td>Pedelite, Roff, Sunanda</td>
</tr>
<tr>
<td>24</td>
<td>Ceramic &amp; Vitrified tiles</td>
<td>Johnson, Kajaria, Nitco, Bell</td>
</tr>
<tr>
<td>25</td>
<td>Plumbing fixtures</td>
<td>Jaguar, Marc</td>
</tr>
<tr>
<td>26</td>
<td>Sanitary fixtures</td>
<td>Nycers, Parryware, Hindustan</td>
</tr>
<tr>
<td>27</td>
<td>Structural Steels</td>
<td>Tata Steel</td>
</tr>
<tr>
<td>28</td>
<td>Aluminium Sections</td>
<td>Jindal or Indal</td>
</tr>
<tr>
<td>29</td>
<td>ACP</td>
<td>Alcobond, Alu-K-Bond, Durabuild, Alstrong.</td>
</tr>
<tr>
<td>30</td>
<td>Special Fittings</td>
<td>Dorma.</td>
</tr>
</tbody>
</table>

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
**MODULAR FURNITURE / WORKSTATION**

(MAKE: GODREJ, DURIAN or Equivalent
(As per approval from Engineer In-charge of Bank & Their decision will be final in the matter)

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Make/Brand</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>PLY BOARD &amp; PLY WOOD</td>
<td>As above</td>
</tr>
<tr>
<td>2.</td>
<td>LAMINATE</td>
<td>As above</td>
</tr>
<tr>
<td>3.</td>
<td>METALLIC LAMINATE</td>
<td>As above</td>
</tr>
<tr>
<td>4.</td>
<td>VENEER</td>
<td>As above</td>
</tr>
<tr>
<td>5.</td>
<td>ADHESIVES</td>
<td>FEVICOL</td>
</tr>
<tr>
<td>6.</td>
<td>FURNITURE HARDWARE &amp; LOCKS</td>
<td>As above</td>
</tr>
<tr>
<td>7.</td>
<td>WOOD</td>
<td>As above</td>
</tr>
<tr>
<td>8.</td>
<td>PUTTY</td>
<td>SHALIMAR PAINT / ATUL GLASS</td>
</tr>
<tr>
<td>9.</td>
<td>DOOR CLOSER, FLOOR SPRINGS</td>
<td>HAFELE / DORMA</td>
</tr>
<tr>
<td>10.</td>
<td>DOOR HANDLES &amp; LOCKS</td>
<td>HAFELE / DORMA</td>
</tr>
<tr>
<td>11.</td>
<td>WHITE BOARD</td>
<td>ALKOSIGN / ALTOP</td>
</tr>
</tbody>
</table>

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.

### LIST OF APPROVED MANUFACTURERS FOR LT ELECTRICAL WORKS

(Make to be used only after approval from the Bank / Consultant)

<table>
<thead>
<tr>
<th>S.N.</th>
<th>MATERIALS</th>
<th>APPROVED MANUFACTURERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Moulded Case Circuit Breaker (MCCB)</td>
<td>i) Legrand</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ii) L &amp; T</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ii) Siemens</td>
</tr>
<tr>
<td>2</td>
<td>Switch Fuse Unit (SFU)</td>
<td>i) L &amp; T</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ii) Siemens</td>
</tr>
<tr>
<td></td>
<td></td>
<td>iii) ABB</td>
</tr>
<tr>
<td>3</td>
<td>Contactors</td>
<td>i) L &amp; T</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ii) Siemens</td>
</tr>
<tr>
<td></td>
<td></td>
<td>iii) Schneider</td>
</tr>
<tr>
<td>4</td>
<td>Meters</td>
<td>i) L &amp; T</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ii) IMP</td>
</tr>
<tr>
<td>5</td>
<td>LT cable</td>
<td>i) R.R. cable</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ii) Finolex</td>
</tr>
<tr>
<td></td>
<td></td>
<td>iii) Havells</td>
</tr>
<tr>
<td>6</td>
<td>Cable Termination</td>
<td>i) Dowells</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ii) Comet</td>
</tr>
<tr>
<td>7</td>
<td>Cable Tray</td>
<td>i) Profab</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ii) Metalemms</td>
</tr>
<tr>
<td></td>
<td></td>
<td>iii) Asian Ancillary Corporation</td>
</tr>
<tr>
<td>8</td>
<td>Conduit Steel / PVC</td>
<td>i) Precisions</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ii) Supreme</td>
</tr>
<tr>
<td>9</td>
<td>Wires</td>
<td>i) R.R. Kable</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ii) Legrand</td>
</tr>
<tr>
<td></td>
<td></td>
<td>iii) Havells</td>
</tr>
<tr>
<td></td>
<td>Item Description</td>
<td>Brands</td>
</tr>
<tr>
<td>---</td>
<td>-----------------</td>
<td>--------</td>
</tr>
<tr>
<td>10</td>
<td>Modular Switches &amp; Sockets with PVC Box</td>
<td></td>
</tr>
<tr>
<td></td>
<td>i) Legrand</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ii) Anchor Chroma</td>
<td></td>
</tr>
<tr>
<td></td>
<td>iii) Elleys</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Distribution Board, MCB &amp; ELMCB</td>
<td></td>
</tr>
<tr>
<td></td>
<td>i) Legrand</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ii) Siemens</td>
<td></td>
</tr>
<tr>
<td></td>
<td>iii) Hager</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Data Cable &amp; accessories</td>
<td></td>
</tr>
<tr>
<td></td>
<td>i) D-Link</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ii) Amp</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Telephone cable</td>
<td></td>
</tr>
<tr>
<td></td>
<td>i) Delton</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ii) Finolex</td>
<td></td>
</tr>
<tr>
<td></td>
<td>iii) National</td>
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<tr>
<td>14</td>
<td>Light Fixtures</td>
<td></td>
</tr>
<tr>
<td></td>
<td>i) Wipro</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ii) Philips</td>
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</tr>
<tr>
<td></td>
<td>iii) Syska Led</td>
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</tr>
<tr>
<td>15</td>
<td>Tubes, PL's &amp; CFL's</td>
<td></td>
</tr>
<tr>
<td></td>
<td>i) Philips</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ii) Wipro</td>
<td></td>
</tr>
<tr>
<td></td>
<td>iii) Trulite</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Ceiling Fan</td>
<td></td>
</tr>
<tr>
<td></td>
<td>i) CG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ii) Havells</td>
<td></td>
</tr>
<tr>
<td></td>
<td>iii) Bajaj</td>
<td></td>
</tr>
<tr>
<td></td>
<td>iv) Orient</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Exhaust Fan</td>
<td></td>
</tr>
<tr>
<td></td>
<td>i) CG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ii) Almonard</td>
<td></td>
</tr>
<tr>
<td></td>
<td>iii) Alstom</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Speakers</td>
<td></td>
</tr>
<tr>
<td></td>
<td>i) BOSCH</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ii) Ahuja</td>
<td></td>
</tr>
<tr>
<td></td>
<td>iii) Philips</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Amplifier</td>
<td></td>
</tr>
<tr>
<td></td>
<td>i) BOSCH</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ii) Ahuja</td>
<td></td>
</tr>
<tr>
<td></td>
<td>iii) Philips</td>
<td></td>
</tr>
</tbody>
</table>

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
LIST OF APPROVED MANUFACTURERS FOR HVAC (VRV/ VRF) WORKS

(Make to be used only after approval from the Bank)

<table>
<thead>
<tr>
<th>S.N.</th>
<th>MATERIALS</th>
<th>APPROVED MANUFACTURERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SUPPLY OF VRF / VRV UNITS</td>
<td>LG / VOLTAS/ CARRIER / MITHUBISHI / TOHSHIBA / HITACHI or Equivalent</td>
</tr>
</tbody>
</table>

Note:

Regarding selecting the make against each item among the preferred makes as specified above, decision of Employer shall be final.

If the makes as mentioned above are not available at the time of execution, the contractor shall get the make approved from the engineer-in-charge and employer before using the same in the work.
To,
The General Manager,
Bank of India, Head Office,
Premises Department, 3rd Floor,
Star House 2, Bandra-Kurla Complex,
Mumbai 400 052.

Name of Work: Civil, Interior Furnishing, Electricals & Air-Conditioning Works

I/We have read and examined the notice inviting tender specifications applicable, Drawings and Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate and all other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the Bank of India within the time specified, at the rates specified in the attached schedule of quantities and in accordance in all respects with the specifications, designs drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the conditions of contract and with such materials as are provided for, by, and in all respects in accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for hundred and twenty days from the due date of submission thereof and not to make any modifications in its terms and conditions.

A sum of Rs. 1,35,000.00 is hereby forwarded in Demand Draft / P.O. as Earnest Money Deposit. If I/We, fail to commence the work specified I/We agree that the Bank shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely otherwise the said earnest money shall be retained by it towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, upto maximum of the percentage mentioned in Schedule ‘F’ and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clauses 12.2 and 12.3 of the tender form.

I/We hereby declare that I/We treat the tender documents, drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived therefrom to any persons other than a person to whom I/We am / are authorised to communicate the same or use the information in any manner prejudiced to the safety of the state.

I/We fully understand that you are not bound to accept the lowest or any tender you may receive.

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
Shri.______________________________, Partner/Proprietor/________________, is the person authorised to negotiate commercial and technical terms and conditions and sign on behalf of the firm any Agreement, Bills and receipts for this work.

I/We agree that should I/We fail to deposit the full amount of initial security deposit and/or fail to commence the work specified in the above memorandum, an amount equal to the amount of the earnest money mentioned in the form of invitation of tender shall be absolutely forfeited to the Bank of India and the same, may at the option of the Bank of India be recovered without prejudice to any other right or remedy available in law, out of the deposit in so far as the same may extend in terms of the said bond and in the event of deficiency out of any other money due to me/us under this contract or otherwise.

I/We agree that until a formal agreement on stamp paper is prepared and signed, this tender with your written acceptance thereof shall constitute a binding contract between us.

Signature of Contractor
Postal Address

Telephone No.

Dated the: _______ day of ____________ 2020

Witness:
Name:
Address:

Occupation:

♦ ♦ ♦ ♦ ♦ ♦ ♦
This agreement made the ____________ day of the month of ____________ in the year 2020 BETWEEN, Bank of India a body corporate constituted under the Banking Companies (Acquisition and Transfer of Undertakings) Act, 1970, having its Head Office, at represented by Head Office, ______________ its duly constituted attorney (hereinafter referred to as Bank) of the ONE PART; and Shri/M/s ______________ S/D/o ____________________________ resident of ______________ the sole proprietor of M/s ____________________________ having office at _______________/the partnership firm represented by its Managing / duly authorised partner, having an administrative / principal office at ______________/a company / body corporate being its registered office at ______________ duly represented at ___________________________ duly represented by its constituted and authorised Managing Director, Shri ___________________ and (hereinafter called the Contractor) of the other part WHEREAS THE Bank is desirous that certain works should be constructed viz., ____________________________ and has accepted the tender dt. ____________ furnished by the contractor for the constructions, completion and performance of such works.

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.,

a) Notice Inviting Tender
b) The Tender Form
c) General Rules and Directions to tenderers.
d) Conditions of contract and clauses of contract along with Annexures thereto.
e) Schedule of quantities (BOQ) includes Prices and tendered amount.
f) Tender drawings.
g) Technical Specifications for the work.
h) Safety code and Model rules for the protection of health, sanitary arrangements for workers employed.
i) Letter of Acceptance.
j) Letters from and to the Contractor, if any, leading to and prior to acceptance letter.
Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.

3. In consideration of the payments to be made by the Bank to the Contractor the Contractor hereby covenants and agrees with the Bank to construct, complete and perform the works in conformity in all respects and subject to all terms and conditions/rules as mentioned in the aforesaid documents which shall form part of this agreement.

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

Signed, sealed and delivered by the said contractor, _________________________ to bank __________________________ in the presence of:

Signature of the Contractor (with seal)

Signature of Bank Official (with seal)

♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦
Annexure: 1

Existing infrastructure items pertaining to 6th floor & available on the site to be offered as a rebate items

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>PAC 29 Units (3 Tr. &amp; 10 Tr.) &amp; CAC – 11 Units (2 Tr. &amp; 17 Tr.) Including Indoor &amp; outdoor units, Copper Piping &amp; Power cables</td>
</tr>
<tr>
<td>2</td>
<td>Electrical Panels with Bus bar &amp; Breakers</td>
</tr>
<tr>
<td>3</td>
<td>2 Nos. of UPS with Batteries (300 Kva)</td>
</tr>
<tr>
<td>4</td>
<td>FM 200 Cylinders - 9 Nos.</td>
</tr>
<tr>
<td>5</td>
<td>All interior items i.e. False Ceiling, partitions, furniture etc.</td>
</tr>
<tr>
<td>6</td>
<td>All Electrical cables and fixtures pertaining to 6th Floor</td>
</tr>
<tr>
<td>7</td>
<td>Other items as advised by DC officials (if any)</td>
</tr>
</tbody>
</table>

All the bidders are advised to visit the site for making them well versed items available at the site.

ANNEXURE-2:

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
FORMAT OF MEASUREMENT BOOK

MEASUREMENT BOOK PAGES NOS. 1 TO .................

<table>
<thead>
<tr>
<th>Tender Item No.</th>
<th>Description</th>
<th>Measurement details (L, B, D/H)</th>
<th>Quantity</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

Site Engineer  Architect  Contractor

Checking/Test checking Engineer Date of checking/Test checking

NOTE:

Checking and test checking pertains to items wherever initialed.

ANNEXURE-3:
FORMAT FOR RUNNING BILL

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
Running A/C Bill

Name of Contractor:
Name of Work:
Sl. No. of this Bill:
No. and Date of Previous Bill:
Reference to Agreement No:
Date of written order to commence:
Date of Completion as per agreement:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Item Description</th>
<th>Unit</th>
<th>Rate (Rs.)</th>
<th>As per tender Qty, Amount (Rs.)</th>
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<tbody>
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<table>
<thead>
<tr>
<th>Upto Previous R/A Bill Qty. Amount (Rs.)</th>
<th>Upto Date (Gross) Qty. Amount (Rs.)</th>
<th>Present Bill Qty. Amount (Rs.)</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.</td>
<td>7.</td>
<td>8.</td>
<td>9.</td>
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</tbody>
</table>

Note:
- If part rate is allowed for any item, it should be ______________________
  Indicated with reasons for allowing such a rate. Net value since
- If adhoc payment is made, it should be mentioned previous bill specifically.

ACCOUNT OF SECURED ADVANCE, IF ADMISSIBLE ON MATERIALS HELD AT SITE BY THE CONTRACTOR

<table>
<thead>
<tr>
<th>No.</th>
<th>Item</th>
<th>Quantity</th>
<th>Unit</th>
<th>Amount</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
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</table>

Total value of materials at site.

Secured Advance @ __________________% of above value B

CERTIFIED (i) that the materials mentioned above have actually been brought by the contractor to the site of the work and no advance on any quantity of any of this item is outstanding on their security (ii) that the materials are of imperishable nature and are all required by the contractor for use in the work in connection with the items for which rates of finished work have been agreed upon.

Dated signature of Site Engineer

---

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
Preparation of the bill

Designation __________________

Dated Signature of Bank’s Architects

(Name of the Architects)

____________________________________

Dated & Signature of Contractor

**CERTIFICATE**

The measurements on the basis of which the above entries for the Running Bill No. ______________ were made have been taken jointly on ______________ and are recorded at pages _______ to _________ of measurement book No. ______________

The work recorded in the above mentioned measurements has been done at the site satisfactorily as per tender drawings, conditions and specifications.

<table>
<thead>
<tr>
<th>Signature of Contractor or contractor’s representative</th>
<th>Signature of Architect or Architect’s representative</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>Date</td>
</tr>
<tr>
<td>Seal</td>
<td>Seal</td>
</tr>
</tbody>
</table>

Test Check by Bank’s authorized representative

<table>
<thead>
<tr>
<th>Signature of Bank Official</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Date</td>
<td></td>
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<tr>
<td>Seal</td>
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</tbody>
</table>

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
**ANNEXURE-4:**

**FORMAT FOR RATE ANALYSIS OF ITEMS**

- **MATERIAL**
  
  1. Basic Cost of Material  
     - Rs. ______________
  
  2. Wastage - 5%  
     - Rs. ______________

- **Labour:** As per Standard  
  
  Labour output and labour input required for the particular item using quoted labour rates.

- **Machinery / Tools**  
  
  Inputs of Machinery / Tools requirements as per the item and hire charges as per market.

**TOTAL** (I) + (II) + (III)  

- Rs. ______________

- **Tax Liability**  
  
  [As per contractual clauses will be added]  

- **Add - ½ % for water charges**  
  
  ½ % for Electricity  

- **Any other Expenditure (please specify)**  
  
  **Total**  

  Contractor Profit & OH - 15%  

  **GRAND TOTAL**  

  Rs. ______________

TDS will be deducted as per standard norms and recovery shall be made for water and electricity as per tender conditions.

---

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
**ANNEXURE-5:**

**FORMAT OF SITE ORDER BOOK**

Name of the Work ________________________________________________

Date of Commencement____________________________________________

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Remarks / Instructions of the Site Engineer / Architect</th>
<th>Dated Initials of Site Engineer / Architect</th>
<th>Initials of the Contractor / Contractors Representative for having received the instructions</th>
<th>Action taken with date</th>
<th>Dated initials of the Site Engineer</th>
<th>Remarks of the Architect / Bank Officials</th>
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Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
ANNEXURE- 6:

**FORMAT OF HINDRANCE REGISTER**

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of Contractor</th>
<th>Date of State of Work</th>
<th>Name of Work</th>
<th>Period of Completion</th>
<th>Agreement No</th>
<th>Date of Completion</th>
<th>Signature Site Engineer/ Project Engineer</th>
<th>Sl. No.</th>
<th>Nature of Hindrance</th>
<th>Date of occurrence of Hindrance</th>
<th>Date of which Hindrance was removed</th>
<th>Period of Hindrance</th>
<th>Remarks</th>
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(Name & Address)

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
ANNEXURE- 7:

INDEMNITY FORMAT

THIS DEED OF INDEMNITY executed at ...................... (Place) on this ............. day of .................................. month of year two thousand and Twenty (2020)

By.........................................................(herein after called the contractor) duly represented
by proprietor/one of its partners/director Sri ........................................, aged..............years, son of Sri..............................................................residing at .................................................................

In favour of

Bank of India, a body corporate constituted under the Banking companies (Acquisition and Transfer of undertakings) Act, 1970, having its Head Office, ____________________ & represented by its Head Office________________________.

Whereas the contractor had applied for the tender ..........................................................

Whereas the tender submitted by the contractor for the above mentioned work was accepted by Bank of India and the work of .......................................................... has been awarded in favor of the contractor vide Ref No .................................................................

And whereas for undertaking the work warded as per the above noted reference, the contractor has entered into contract with Bank of India on ..............................

Now this Deed Witnessed that in pursuance of the aforesaid contract dated ................................and in consideration of Bank of India having agreed to make payment on the bills claimed by the contractor herein based on the works completed in respect of the above referred contract, the contractor hereby indemnifies and keep harmless Bank of India & its Architect/consultant and its officials/staff from time to time and at all times against all actions, prosecutions proceedings, claims, suits, liabilities (including statutory liability), penalties, demands, charges, costs (including legal costs) and expenses, damages, losses and any other expenses which may be caused to or suffered by or made or taken against the Employer arising out of:

- The breach, default or non-performance of undertakings, warranties, covenants or obligations by the contractor, non-compliance of safety rules, regulations, instructions by the contractor and mishaps occurring at the site due to faulty work executed by the contractor.

Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.
Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.

- Any contravention or Non compliance with any applicable laws, regulations, rules, statutory or legal requirements by the contractor.

Further, the Contractor indemnifies to protect and save Bank of India & its Architect/consultant and its officials / staff from against all claims, losses, costs, damages, expenses, action suits and other proceedings, resulting from infringement of any law pertaining to patent, trademarks, copyrights etc. or such other statutory infringements in respect of the services offered by the contractor.

All Indemnities shall survive notwithstanding expiry or termination of the contract and contractor shall continue to be liable under the indemnities.

There is no limit to claims made by the Employer/third parties in case of infringement of Intellectual property rights or for claims relating to the loss of damage to real property and tangible personal property and for bodily injury or death and in these cases the liability will be unlimited “.

Signature of Contractor with Seal
Tender to be submitted by Contractors empanelled in Bank of India, Head Office under Interior Furnishing Works category of 50 lacs to 100 lacs only.