
State Bank of India

GB, INDORE

**TENDER FOR PROPOSED
INTERIOR FURNISHING
and associated civil works
OF SBI NEW RACPC
AT UPPER GROUND AND FIRST FLOOR
VIDYARAJ ANNEXE BUILDING,
BASANT VIHAR, RING ROAD, INDORE.**

**TENDER DOCUMENTS
(Tender No.: SBI/RCPC/BVHR/0417/IN01)**

Consultants:

Design Avenues,
MZ-4, Shri Lakshmi Leela Tower, Sapna Sangeeta Road,
Indore - 452001
Tel (M) 9826074756, (O) 0731-4244748

SECTION -I

STATE BANK OF INDIA Notice Inviting Tenders

<ul style="list-style-type: none">State Bank of India (SBI) invites sealed tenders from the contractors empanelled under category ID (work value from Rs.30 Lakh to Rs. 75 Lakh) in Bhopal Circle for INTERIOR FURNISHING WORKS of NEW RACPC at IndoreDetails of tenders are as under :		
1.	Name of Work	INTERIOR FURNISHING WORKS FOR NEW RACPC, STATE BANK OF INDIA , INDORE
2.	Time allowed for completion	45 DAYS
3.	Earnest Money Deposit	Rs. 51,000/- (Rs. Fifty One Thousand Only)
4.	Security Deposit	@ 5% of contract value
5.	Cost of tender documents	-N/A-
6.	Last date and time of receipt of tender	not later than 3:00 PM on 4th May, 2017
7.	Address at which the tenders are to be submitted	CM (GB), STATE BANK OF INDIA , 5, Y. N. Road, Indore
8.	Date and time of opening of tender	3:30 PM on 4th May, 2017
9.	Place of opening tenders	STATE BANK OF INDIA , 5, Y. N. Road, Indore
10.	Defects Liability Period	12 Months from Date of Virtual Completion
11.	Validity of offer	3 Months
12.	Liquidated Damages	0.5% per week, Max 5% of contract value
13.	Value of Interim Certificate	Rs. Fifteen Lakh
In case the date of opening of tenders is declared as a holiday, the tenders will be opened on the next working day at the same time.		
SBI has the right to accept/ reject any/ all tenders without assigning any reasons.		
Availability of tender: Website of State Bank Of India- www.sbi.co.in between 20th April, 2017 and 4th May, 2017		
For and behalf of State Bank of India		

SECTION -II

INSTRUCTIONS TO THE TENDERERS

2.1.0 Scope of Work

Sealed Tenders are invited by M/s Design Avenues for and behalf of State Bank of India for the work of INTERIOR FURNISHING WORKS FOR NEW RACPC OF STATE BANK OF INDIA AT INDORE

2.1.1 Site and Its Location

The proposed work is to be carried out at UPPER GROUND AND FIRST FLOOR, VIDYARAJ ANNEXE BUILDING, BASANT VIHAR, RING ROAD, INDORE.

2.2.0 Tender Documents

2.2.1 The work has to be carried out strictly according to the conditions stipulated in tender consisting the following documents and the most workman like manner,

- i) Instructions to tenderers
- ii) General Conditions of Contract
- iii) Special Conditions of Contract
- iv) Additional Conditions for Electrical Installation
- v) Technical Specifications
- vi) Drawings
- vii) Priced Bid

2.2.2 The above documents shall be taken as complementary and mutually explanatory of one another but in case of ambiguities or discrepancies, shall take procedure in the order given below:

- i) Priced Bid
- ii) Technical Specifications
- iii) Additional Conditions for Electrical Installation
- iv) Special Conditions of Contract
- v) General Conditions of Contract
- vi) Instructions to tenderers

2.2.3 Tenders in only printed forms issued through the Bank website should be placed in sealed cover addressed to the CM (GB), STATE BANK OF INDIA , 5, Y. N. ROAD, INDORE and with the name of the project written on the Envelope and submitted at STATE BANK OF INDIA , 5, Y. N. Road, Indore not later than **3:00 PM on 4th May, 2017 and same shall be opened on 4th May, 2017 at 3:30 PM**

2.2.4 The tender documents are not transferable.

2.3.0 Site Visit

2.3.1 The tenderer must obtain himself on his own responsibility and his own expenses all information and data which may be required for the purpose of filling this tender document and enter into a contract for the satisfactory performance of the work. The tenderer is requested satisfy himself regarding the availability of water , power, transport and communication facilities, the character quality

and quantity of the materials, labour, and law and order situation, climatic conditions local authorities requirement, traffic regulations etc.

The tenderer will be fully responsible for considering the financial effect of any or all the factors while submitting his tender.

2.4.0 Earnest Money

2.4.1 The tenderers are requested to submit the Earnest Money of Rs 51,000/- (Rs. Fifty One Thousand Only). in the form of Demand Draft or banker's Cheque in favour of State Bank of India drawn on any Bank in India.

2.4.2 EMD in any other form other than as specified above will not be accepted. Tender not accompanied by the EMD in accordance with clause 2.4.1 above shall be rejected.

2.4.3 No interest will be paid on the EMD.

2.4.4 EMD of unsuccessful tenderers will be refunded within 30 days of award of Contract.

2.4.5 EMD of successful tenderer will be retained as a part of security deposit.

2.5.0 Initial Security Deposit

The successful tenderer will have to submit a sum equivalent to 2% of contract value less EMD by means of D/D drawn in favour of State Bank of India within a period of 15 days of acceptance of tender.

2.6.0 Security Deposit

2.6.1 Total security deposit shall be 5% of contract value. Out of this 2% of contract value is in the form of initial security deposit which includes the EMD. Balance 3% shall be deducted from the running account bill of the work at the rate of 10% of the respective running account bill i.e. deduction from each running bill account will be 10% till total 3% of the contract value is reached. 50% of the total security shall be paid to the contractors on the basis of architect's certifying the virtual completion. The balance 50% would be paid to the contractors after the defects liability period as specified in the contract.

2.6.2 No interest shall be paid to the amount retained by the Bank as Security Deposit.

2.7.0 Signing of Contract Documents

The successful tenderer shall be bound to implement the contract by signing an agreement and conditions of contract attached herewith within 15 days from the receipt of intimation of acceptance of his tender by the Bank. However, the written acceptance of the tender by the Bank will constitute a binding agreement between the Bank and successful tenderer whether such formal agreement is subsequently entered into or not.

2.8.0 Completion Period

Completion shall be as indicated in the NIT.

2.9.0 Validity of Tender

Tenders shall remain valid and open for acceptance for a period of 3 (Three) months from the date of opening price bid. If the tenderer withdraws his/ her offer during the validity period or makes

modifications in his / her original offer which are not acceptance to the Bank without prejudice to any other right or remedy the Bank shall be at liberty to forfeit the EMD.

2.10.0 Liquidated damages

The liquidated damages shall be 0.5% per week subject to a maximum of 5% of contract value.

2.11.0 Rates and prices

In case of item rate tender.

2.11.1 The tenderers shall quote their rates for individual items both in words and figures in case of discrepancy between the rates quoted in words and figures the unit rate quoted in words will prevail. If no rate is quoted for a particular item the contractor shall not be paid for that item when it is executed.

2.11.2 The amount of each item shall be calculated and the requisite total is given. In case of discrepancy between the unit rate and the total amount calculated from multiplication of unit rate and the quantity the unit rate quoted will govern and the amount will not be considered during execution.

2.11.3 The tenderers should not change the units as specifies in the tender. If any unit is changed the tenders would be evaluated as per the original unit and the contractor would be paid accordingly.

The tenderer should not change or modify or delete the description of the item. If any discrepancy is observed he should immediately bring to the knowledge of the Architect/ SBI.

2.11.4 Each page of the BOQ shall be signed by the authorized person and cutting or overwriting shall be duly attested by him.

2.11.5 Each page shall be totaled and the grand total shall be given.

2.11.6 The rates quoted shall be firm and shall include all costs, allowances, taxes, VAT, levies, etc.

2.12.0 Other Instructions

2.12.1 The sealed cover shall contain the tender documents and the set of drawings, duly filled and signed by the tenderer shall be submitted as the tender for work. It will be obligatory on the part of the tenderer to sign all pages of the tender document after the work is awarded. Tenderer will have to enter into an agreement with the SBI.

2.12.2 Earnest money of the successful tenderer will be liable to be forfeited in case of withdrawal/modification of offer within the validity period and/or in the event of refusal or delay for whatsoever reason(s) on his part for signing the agreement within 7 (Seven) days of the issue of letter of award of the work.

2.12.3 The acceptance of a tender will rest with the State Bank of India Which does not bind itself to accept the lowest tender and reserves to itself the authority to reject any or all the tenders received without assigning of any reason. All tenders wherein any of the prescribed conditions are not fulfilled or are incomplete in any respect are liable to be rejected.

2.12.4 The SBI reserves the right to accept the tender in full or in part and the tenderer shall have no claim for revision of rates or other conditions if his tender is accepted in parts. The SBI also reserves

its right to withdraw or cancel the invitation of Tender without assigning any reason and without any prior notice. The SBI is not bound to accept the lowest tender or bound to assign any reason for rejecting any or all tenders.

2.12.5 Canvassing in connection with tender is strictly prohibited and tenders submitted by Contractors who resort to canvassing will be liable to rejection.

2.12.6 On acceptance of the tender, the name of the accredited representative(s) of the Contractor who would be responsible for taking instructions from the SBI and the Architect shall be communicated to the SBI/Architect/Consultant.

2.12.7 Sales Tax, income tax, service tax, Work Contract Tax or any other tax on material or on finished work in respect of this Contract whether in vogue or likely to be imposed in future shall be payable by the Contractor and the SBI will not entertain any claim whatsoever in this respect at any time. Rates should include all these taxes and must be quoted for the complete work at site inclusive of all costs, taxes, and charges, etc. as applicable in Central or State Sales Tax, Octroi, Royalties etc. on works and material required for use in the execution of this project.

2.12.8 The tender for the work shall not be witnessed by a Contractor or Contractors who himself/themselves has/have tendered or who may and had/have tendered for the same work. Failure to observe this condition would render tenders of the contractor tendering as well as witnessing the tender liable to summary rejection.

2.13.0 The tenderer shall have to submit a Bank Guarantee/ Performance Guarantee of an amount equivalent to the total of difference in quoted and estimated amounts of all ALR items at the SBI's discretion.

SECTION -III

FORM OF TENDER

Date:

To,

Dear sir(s)

**Reg: Proposed New RACPC Of State Bank Of India At Upper Ground And First Floor,
Vidyaraj Annexe Building, Basant Vihar, Ring Road, Indore : Proposed Interior
Furnishing works.**

1. I/We refer to the tender notice issued by you for Interior Furnishing work in connection with the above.
2. I/We have satisfied myself/ourselves as to the site conditions, examined the drawings and all aspect of the tender conditions. Subject to above, I/We de hereby agree, should this tender be accepted in whole or in part, to:
 - 2.1 Abide by and fulfill all the terms and provisions of the said conditions annexed here to:
 - 2.2 Complete the work within (.....) calendar days as stipulated by working in two or three shifts, if considered necessary by the Architects/Consultants at no extra cost to the SBI.
3. I/We have deposited earnest money of Rs..... (Rupees.....) in the form of Demand Draft/pay order which I/We note, will not bear any interest and is subject to forfeiture solely at the SBI's discretion if:
 - 3.1 The work is not commenced by me/us within seven (7) Days from the date of issue of formal work order.
 - 3.2 The agreement of the contract is not executed within 10 days from the award of contract.
4. I/We understand that you are not bound to accept the lowest or any tender you receive.
5. The acceptance of this tender shall constitute a binding contract and any failure as mentioned in item No.4 above shall constitute a breach of contract by us and the tender accepting authority shall be entitled to have the work executed at our risk and cost and to claim extra cost/expenditure incurred by them from us.
6. Our Bankers are:
 - i)
 - ii)
 - iii)

7. Names of partners / directors of our firm:

- i)
- ii)
- iii)

Yours faithfully,

Signature

Name of Partner/Director of the firm:

Name.....

Authorized to sign or name of person

Having power of attorney to sign the contract. : Designation.....

(Certified true copy of power of attorney should be attached.)

Witnesses:

a. Signature.....

Name.....

Address.....

.....

b. Signature.....

Name.....

Address.....

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SECTION -IV

ARTICLE OF AGREEMENT

Articles of Agreement made this.....day of2.....

BETWEEN

State Bank Of India, (hereinafter called “the SBI”) which expression should include its successors and assignee of the one part andhereinafter called “the Contractor” of the other part, which expression should include its successor and assignee.

WHEREAS the SBI is desirous of executing Interior Furnishing work for its NEW RACPC at VIDYARAJ ANNEXE BUILDING, BASANT VIHAR, RING ROAD, INDORE and has caused drawings, specifications and bill of quantities and Tender Documents shown and describing the work to be done to be prepared by M/s Design Avenues. (hereinafter called the ‘Architect/Consultant’)

AND WHEREAS the Tender Notice, Conditions of Contract, Specifications, Drawings, the Bill of Quantities and accepted correspondence (hereinafter referred to as “the Contract Documents”) have been signed by or on behalf of the parties hereto.

AND WHEREAS the Contractor has agreed to execute upon and subject to the conditions set forth herein and Schedule of items and quantities, General Conditions of Contract, Specifications and all correspondences exchanged by or between the parties from the submission of tender till the award of work, both letters inclusive (all of which are collectively hereinafter referred to as and/or described in the said specification and included in the schedule of items and quantities at the respective rates therein other sum as shall become payable there under (Hereinafter referred to as “the said contract amount”).

NOW IT IS HEREBY AGREED AS FOLLOWS

1. In consideration of the said contract amount to be paid at the time in the manner set forth in the said conditions, the Contractor will upon and subject to the said Conditions execute and complete the works shown upon the said Drawings and described in the said specifications and the schedule of items and quantities.
2. The SBI shall pay the Contractor the said contract amount, or such other sum as shall become payable, at the time and in the manner specified in the said conditions.
3. The Architect/Consultant in the said condition shall mean M/s Design Avenues, or in the event of their ceasing to be Architect/Consultants for the purpose of this contract for whatever reason, such other person as shall be nominated for that purpose by the SBI, provided always that no person subsequently appointed to be Architect/Consultant under this contract shall be entitled to discharge overrule any previous decisions or approval or direction given or expressed in writing by the Architect/Consultant for the time being.
4. The said conditions and Appendices thereto shall be read and considered as forming part of this Agreement, and the parties hereto shall respectively abide by, submit themselves to the said conditions and perform the agreements on their part respectively in the said conditions contained.
5. The plans, agreements and documents mentioned herein shall form the basis of this contract.
6. This contract is neither a fixed lump sum contract nor a piece work contract but is a contract to carry out the work in respect of the proposed NEW RACPC OF STATE BANK OF INDIA AT VIDYARAJ ANNEXE BUILDING, BASANT VIHAR, RING ROAD, INDORE. Interior Furnishing work as per the scope described and to be paid for according to actual measured quantities (as approved) at the rates contained in the schedule of rates and probable quantities or as provided in the said conditions. Any increase in quantities/ cost should have prior written approval of the SBI.
7. The SBI reserves to itself the right of altering the drawings and nature of the work by adding to or omitting any items of work or having portions of the same carried out without prejudice to this contract.

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8. Time shall be considered as the essence of this contract and the contractor hereby agrees to commence the work on the day on which he is instructed to take possession of the site or from --- ---- days after date of issue of formal work order as provided for in the said conditions whichever is later and to complete the entire work within----- (--) calendar month/s subject nevertheless to the provisions, if any, for extension of time.
 9. All payments by the SBI under this contract will be made only at -----
 10. Any action, legal or otherwise arising under this agreement shall be at-----in accordance with the stipulation laid down in the general conditions of contract.
 11. That the several parts of this contract have been read by the contractor and fully understood by the contractor

IN WITNESS WHEREOF the SBI and the Contractor have set their respective hands to these presents and two duplicates hereof the day and year first hereinabove written.

IN WITNESS WHEREOF the SBI has set its hands to these presents through its duly authorized official and the Contractor has caused its common seal to be affixed hereunto and the said two duplicates / has caused these presents and the said two duplicates hereof to be executed on its behalf, the day and year first hereinabove written.

SIGNED & DELIVERED by the hand of Shri-----

(Name and Designation)

In the presence of:

(1)	-----
Name and Address	-----

(2)	-----
Name and Address	-----

SIGNED AND DELIVERED by Shri-----

(1)	-----
Name and Address	-----

(2)	-----
Name and Address	-----

Signed on behalf of State Bank Of India by its duly authorized official

SECTION -V

GENERAL CONDITIONS OF CONTRACT

Except where provided for in the description of the individual items in the schedule of quantities and in the specifications and conditions laid down hereinafter and in the drawings, the work shall be carried out as per standard specifications and under the direction of the SBI/Architect/Consultant.

5.1.0 DEFINITIONS

“Contract” means the documents forming the tender and the acceptance thereof and the formal agreement executed between Stat Bank Of India (Client) and the contractor, together with the documents referred therein including these conditions, these specifications, designs, drawing and instructions issued from time to time by the Architects/SBI and all these documents taken together shall be deemed to form one contract and shall be complementary to one another.

In the contract the following expression shall, unless the context otherwise requires, having the meaning hereby respectively assigned to them.

5.1.1 “SBI” shall mean State Bank Of India, (Client) a body corporate created under State Bank Of India Act 1955, having it’s corporate centre at State Bank Bhavan, Madam Cama Road, Mumbai-400021 and a LHO at Bhopal and includes the client’s representatives, successors and assignees.

“Architects/Consultants” shall mean M/s Design Avenues or in the event of their ceasing to be the Architects/Consultants for the purpose of this contract, such other person/s as the bank shall nominate for the purpose.

5.1.2 “Site Engineer” Shall mean an Engineer appointed by the bank as their representative to give instructions to the contractors.

5.1.3 “The Contractor” shall mean the individual or firm or company whether incorporated or not, undertaking the work and shall include legal personal representative of such individual or the composing the firm or company and the permitted assignees of such individual or firms or company. The expression **“Works”** or **“Work”** shall mean the permanent or temporary work described in the “Scope Of Work” and /or to be executed in accordance with the contract and includes materials, apparatus, equipment, temporary supports, fittings and things of all kinds to be provided, the obligations of the contractor hereunder and work to be done by the contractor under the contract.

5.1.4 “Engineer” Shall mean the representative of the Architect /consultant.

5.1.5 “Drawings” Shall mean the drawings prepared by the architect and issued by the engineer and referred to in the specifications and any modifications of such drawing as may be used by the engineer from time to time.

“Contract Value” Shall mean the value of the entire work as stipulated in the letter of acceptance of tender subject to such additions thereto or deductions there from as may be made under the provision herein after contained.

5.1.6 “Specifications” shall mean the specifications referred to in the tender and any modifications thereof as may time to time be furnished or approved by the architect/ consultant.

5.1.7 “Act of Insolvency” shall mean any act as defined by the Presidency Town Insolvency Act or in Provisional Insolvency Act or any amending statutes.

5.1.8 “The Schedule of Quantities” shall mean the schedule of quantities as specified and forming part of this contract.

5.1.9 “Priced Schedule of Quantities” shall mean the schedules of quantities duly priced with the accepted quoted rates of the contractor.

5.1.10. “Month” means calendar month.

5.1.11 “Week” means seven consecutive days.

5.1.12 “Day” means a calendar day beginning and ending at 00 hrs and 24 hrs respectively.

5.2.0 SCOPE OF WORK

The contractor shall carry out, complete and maintain the said work in every respect strictly in accordance with this contract and with the directions of and to the satisfaction of the Bank to be communicated through the architect/ consultant. The architect/ consultant at the directions of the Bank from time to time issue further

drawings and/ or written instructions, details, directions and explanations which are hereafter collectively referred to as Architect's/ Consultant's instruction in regard to: the variation or modification of the design, quality or quantity of work or the addition or omission or substitution of any work, any discrepancy in the drawings or between the BOQ and/ or drawings and/ or specifications, the removal from the site of any other materials thereof, the demolition, removal and/ or re-execution of any work executed by him, the dismissal from the work of any person employed/ engaged thereupon.

5.3.0 LETTER OF ACCEPTANCE

Within the validity period of the tender the Bank shall issue a letter of acceptance either directly or through the architect by registered post or otherwise depositing at the address of the contractor as given in the tender to enter into a Contract for the execution of the work as per the terms of the tender. The letter of acceptance shall constitute a binding contract between the SBI and the contractor.

5.4.0 CONTRACT AGREEMENT

On receipt of intimation of the acceptance of tender from the SBI/ Architect the successful tenderer shall be bound to implement the contract and within fifteen days thereof he shall sign an agreement in a non- judicial stamp paper of appropriate value.

5.5.0 DETAILED DRAWINGS AND INSTRUCTIONS

The Bank through its Architect/Consultant shall furnish with reasonable promptness additional instruction by means of drawings or otherwise necessary for proper execution of the work. All such drawings and instructions shall be consistent with contract documents, true documents thereof and reasonable inferable there from. Immediately after receipt of the work order of the contract, the contractor shall prepare a progress schedule and submit the same to the Bank through the Architect/Consultant for approval, which shall indicate the dates for the starting and completion of the various stages of constructions

- 5.5.1 The work is to be carried out in accordance with drawings, specifications, the schedule of quantities and any further drawings or any other instructions, which may be given by the SBI/Architect/Consultant, during the execution of the work. The work shall be executed in conformity therewith and the contractor shall not work without proper drawings and instructions.
- 5.5.2 All drawings relating to work given to the Contractor together with a copy of schedule of quantities are to be kept at site and the Employer/ Architect/Consultant shall be given access to such drawings or schedule of quantities whenever necessary.
- 5.5.3 Detail fabrication drawings where required are to be prepared by the Contractor and have these approved by Architects/Consultants before taking up execution.
- 5.5.4 The Contractor shall ask in writing for all clarifications and schedule of quantities or to additional instructions at least 15 days ahead from the time when it is required for implementation so that the SBI/Architect/Consultant may be able to give decision thereon.
- 5.5.5 Should any detail, essential for efficient completion of the work be omitted from the drawings/specifications, it shall be the responsibility of the contractor to inform the SBI/Architect/Consultant and to furnish and install such detail with SBI's/Architect's/Consultant's concurrence, so that upon completion of the proposed work the same becomes acceptable.
- 5.5.6 SBI/Architects/Consultant may in their absolute discretion issue further drawings and / or written instructions, details, directions and explanations, which are hereafter collectively referred to as " The SBI's / Consultant's/ Architect's instructions" in regard to:
 - The variation or modification of the design quality or quantity of work or the addition or omission or substitution of any work
 - Any discrepancy in the drawing or between the schedule of quantities and / or drawing and / or specifications

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- The removal from the site of any defective material brought thereon by the contractor and the substitution of any other material thereof
 - The demolition, removal and / or re-execution of any work executed by the contractor/s
 - The dismissal from the work of any person employed thereupon.
 - The opening up for inspection of any work covered up.
 - The rectification and making good of any defects under clauses hereinafter mentioned and those arising during the Defect Liability period

The contractor shall forthwith comply with and duly execute any work comprised in such SBI's / Architect's / Consultant's instruction provided always that verbal instructions, directions and explanations given to contractor or his representative upon the work by the SBI/Architect/Consultant, if involving a variation, be confirmed in writing to the contractors immediately. No work for which rates are not specifically mentioned in the priced schedule of quantities, shall be taken up without written permission of the SBI / Architect / Consultant. Rates of items not mentioned in the priced schedule of quantities shall be fixed by the SBI in consultation with the Architect/Consultant as provided in Clause "Variation".

5.6.0. COPIES FURNISHED

The contractor on the signing hereof of the contract shall be furnished by the SBI through its Architect/Consultant free of charge with a copy of the priced schedule of quantities/rates, two copies of each of the said drawings and one copy of specification and two copies of all further drawings issued during the progress of the work.

5.7.0 OWNERSHIP OF DRAWING

All drawings, specification and copies thereof furnished by the SBI through its Architect/Consultant are the property of the SBI. They are not to be used on other work, and with the exception of the signed contract set, are to be returned to the SBI on request on completion of the work.

5.8.0 FAILURE BY CONTRACTOR/S TO COMPLY WITH SBI'S / ARCHITECT'S / CONSULTANT'S INSTRUCTION

If the contractor after receipt of written notice from the SBI and/ or the Architect/Consultant requiring compliance of any instructions within ten days fails to comply with such instructions, the SBI through the Architect/Consultant, may employ other person, to carry out any such instructions whatsoever that may be necessary to give effect thereto and pay all cost in connection therewith. The contractor shall either pay the SBI the cost incurred by the SBI due or to become due to the contractor.

5.9.0 TENDERER SHALL VISIT THE SITE

Intending tenderer shall visit the site and make himself thoroughly acquainted with the local site condition, nature and requirements of the work, facilities of transport condition, availability of labour and materials, access and storage of materials and removal of rubbish. The tenderer shall provide in the tender for cost of carriage, freight and other charges as also for any special difficulties and including police restriction for transport etc. for proper execution of work as indicated in the drawings. The successful tenderer will not be entitled to any claim or compensation for difficulties faced or losses incurred on account of any site condition which existed before the commencement of the work or which in the opinion of the SBI/Architect/Consultant, might be deemed to have reasonably been inferred as so existing before commencement of work.

5.10.0 TENDERS

The entire tender paper issued to the tenderer should be submitted fully priced and also signed on the last page together with initials on every page. Initial/Signature will indicate the acceptance of the tender papers by the tenderer.

The schedule of quantities shall be filled in as follows:

5.10.1 The "Rate" column to be legibly filled in ink in both English figures and English words

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- 5.10.2 Amount column to be legibly filled in for each item and the amount for each subhead as detailed in the “**Schedule of Quantities**”.
- 5.10.3 All corrections / over writings are to be initialed with the seal of the Firm.
- 5.10.4 The “**Rate Column**” for alternative items shall only be filled up.
- 5.10.5 The “**Amount**” column for alternative items of which the quantities are not mentioned shall not be filled up.
- 5.10.6 In case of any errors / omissions in the quoted rates between the “**Original**” & “**Duplicate**” copies, the rates given in the tender marked.
- 5.10.7 No modifications, writing or corrections in schedule of work shall be made in the tender by the tenderer.
- 5.10.8 The SBI reserves the right to reject the lowest or any tender and also to discharge any or all the tenders for each section or to split up and distribute any item of work to any firm or firms, without assigning any reason.
- 5.10.9 The tenderers should note that the tender is strictly on the item rate basis and their attention is drawn to the fact that the rates for each and every item should be correct, workable and self-supporting. If called upon by the SBI / Architect/ Consultant, detailed analysis of any or all the rates shall be submitted.
- 5.10.10 The SBI/ Architect/ Consultant shall not be bound to accept the contractor’s rate analysis.
- 5.10.11 The work will be paid for as ‘**measured work**’ on the basis of actual work done and not as “**lump sum**” contract.
- 5.10.12 All items of work described in the schedule of quantities are to be deemed and paid as complete work in all respects and details including preparatory and finishing work involved, directly related to and reasonably detectable from the drawings, specifications and schedule of quantities and no further extra charges will be allowed in this connection.
- 5.10.13 The SBI has power to add to / omit from any work as shown in drawings or described in specifications or included in schedule of quantities and intimate the same in writing but no addition, omission or variation shall be made by the contractor without authorization from the SBI. No variation shall vitiate the contract.
- 5.10.14 The tenderer shall note that his tender shall remain valid for consideration for a period of 3 (three) months from the date of submission of tender.

5.11.0 AGREEMENT

The successful tenderer shall sign the agreement as per draft agreement immediately after issue of formal work order and he shall pay for all stamps and legal expenses, incidental thereto. However, the written acceptance of the tender by the SBI/Architect/Consultant will constitute a binding contract between the SBI and the person so tendering whether such formal agreement is or is not subsequently executed.

5.12.0 PERMITS, LAWS, REGULATIONS AND LICENSES

- 5.12.1 Permits and Licenses required for the execution of the work shall be obtained by the contractor at his own expenses.
- 5.12.2 The contractor shall give notice and comply with the regulations, laws and ordinances rules, applicable to the contractor. If the contractor observes any discrepancy in the drawings and specifications that is liable to go against the law, rules and regulations, he shall promptly notify SBI in writing under intimation of the architect/consultant. If the contractor performs any act which is against the law, rules and regulations he shall meet all the costs arising there from and shall indemnify the SBI any legal actions arising there from
- 5.12.3 Permits and licenses for release of materials, which are under Government control, shall be arranged by the contractor on behalf of the SBI. The SBI will sign any form or application that may be necessary for the purpose.
- 5.12.4 It may be clearly understood that no compensation or additional charges can be claimed by the contractor for non receipt of any such controlled material in due time.
- 5.12.5 The contractor will, however be eligible to a proportionate extension of time on this account which in the opinion of the SBI/Architect/Consultant is reasonable. The contractor shall at his own cost arrange for storage shed adequate for taking delivery and storing of the materials including any incidental costs for obtaining permits and licenses etc. The costs for storing, transporting, handling etc. are to be included by the contractor in his quoted rate.

5.13.0 GOVERNMENT AND LOCAL RULES

The contractor shall conform to the provisions of all local Bye laws and Acts relating to the work and to Regulations etc. of the Government and Local Authorities and of any SBI with whose system the premises is proposed to be connected. The contractor shall give all notices required by the said Act, Rules, Regulations, and By laws etc and pay all fees payable to such authority/authorities for execution of the work involved. The cost, if any, shall be deemed to have been included in his quoted rates, taking into account all liabilities for licenses, fees for footpath encroachment and restorations etc, if any, and shall defend all actions from such claims or liabilities.

5.14.0 TAXES AND DUTIES

The tenderers must include in their tender prices quoted for all duties, royalties, cess, excise, sales tax, income tax, service tax, work contract taxes, or local charges as applicable. No extra claim on this account will in any case be entertained.

5.13 PROVISIONAL SUMS (P.S.)

All provisional sums described in the schedule of quantities as P.S. shall be exclusively allotted to the purchase of materials and not for any handling/fixing to be done by the contractor. Such costs of handling and fixing with profit (including transport charge if required) shall be separately included in the contract price as described in the schedule of quantities. The disposal of the amount covered under this head will be absolutely at the discretion or order issued by the SBI/Architect/Consultant and realize the payment from the SBI thus made through his bills for work done.

5.14 QUANTITY OF WORK TO BE EXECUTED

The quantities shown in the Schedule of quantities are intended to cover the entire new structure indicated in the drawing but the SBI reserves the right to execute only a part or the whole or any excess thereof without assigning any reason therefore. If at any time after the commencement of the work, the SBI/Architect/Consultant shall for any reason whatever not require the whole work thereof as specified in the tender to be carried out the Architect/Consultant/SBI shall give notice in writing of the fact to the contractor who shall have no claim to any payment as compensation whatsoever on account of any profit or advantage which he might have derived from the execution of the work in full, but which he did not derive in consequence of the full amount of the work not having been carried out ; neither shall he have any claim for compensation by reason of any alterations having been made in the original specification, drawing, designs and instructions which involve any curtailment of the work as originally contemplated.

5.15 OTHER PERSONS ENGAGED BY THE SBI

The SBI reserves the right to execute any part of the work included in this contract or any work which is not included in this contract by other Agency or persons and the contractor shall allow all reasonable facilities, and use of any scaffolding etc. for the execution of such work. All the agencies engaged by the SBI on the work shall act in close co-ordination extend mutual assistance to enable completion of the work satisfactorily.

5.16 EARNEST MONEY AND SECURITY DEPOSIT / RETENTION MONEY

- 5.16.1 The tenderer will have to deposit an amount of Rs 51,000/- (Rs. Fifty One Thousand only) in the form of Bank Draft in favour of CM (GB), STATE BANK OF INDIA , Payable at Indore at the time of submission of tender as an Earnest Money. The SBI is not liable to pay any interest on the Earnest Money. The Earnest Money of the unsuccessful tenders will be refunded without any interest soon after the expiry of the validity period of the tender or an award of the contract to the successful tenderer, whichever is earlier. The EMD shall stand absolutely forfeited if the tenderer revokes his tender at any time during the period of when he is required to keep his tender open acceptance by the SBI or after it is accepted by the SBI the contractor fails to enter into a formal agreement or fails to pay the initial security deposit as stipulated or fails to commence the work within the stipulated time.
- 5.16.2 The successful tenderer to whom the contract is awarded will have to deposit as "Initial Security Deposit" (ISD), amounting to 2% of the value of the accepted tender including the Earnest Money, ISD may be submitted in the form of Bank Draft of any Nationalized Bank in a format approved by the SBI. The Initial Security Deposit will have to be deposited within 15 days from the date of acceptance of the tender failing which the SBI at its discretion revoke the Letter of Acceptance and forfeit the Earnest Money Deposit, furnished along with the tender.

5.16.3 Apart from the Initial Security Deposit made as above, retention money shall be deducted from progressive running bills to make the total security deposit as per terms of the tender @ 10% of the gross value of each running bill. Value of Total Security Deposit will be decided as under:

- 5.16.3.1 Total Security deposit comprises
Earnest Money Deposit- (EMD)
Initial Security Deposit-(ISD)
Retention Money-(RM)
- 5.16.3.2 Earnest Money Deposit- Rs.51,000/- (Rs. Fifty One Thousand only) to be submitted as detailed in the relevant paragraphs.
- 5.16.3.3 Initial Security Deposit- 2% of the accepted value of tender including the EMD. Balance of ISD (i.e. excluding EMD) is to be submitted in the form of Demand Draft in favour of CM (GB), STATE BANK OF INDIA , payable at Indore and shall be deposited within 15 days from the date of letter of acceptance of the tender
- 5.16.3.4 The Retention Money shall be deducted from the running account bills at the rate of 10% of the gross value of work done by the contractor and claimed in each bill provided that the total Security deposited that is the ISD plus the retention money shall both together shall not exceed 5% of the contract value.
- 5.16.3.5 50% of the total security deposit will be refunded to the contractor without any interest subject to issue of virtual completion certificate by the Architect/Consultant/SBI and the contractor removing his materials, equipments, labour force, temporary shed/stores etc. from the site.
- 5.16.3.6 The balance 50% will be refunded to the contractor without interest within 15 days after end of "Defects Liability Period" provided he has satisfactorily carried out all the work, submitted all documents contractually called for and attended to all defects during defect liability period in accordance with the conditions of contract including site clearance. No interest is allowed on retention money and earnest money deposit.
- 5.16.3.7 Further, if some dues to the SBI from the contractor(s) have still to be recovered, the SBI reserves the right to withhold payment of so much of the retention money as in his opinion, represents the cost of the same.

5.17.0 CONTRACTOR TO PROVIDE EVERYTHING NECESSARY

- 5.17.1 The contractor shall provide everything necessary for the proper execution of the work according to the intent and meaning of the drawing, schedule of quantities and specifications taken together whether the same may or may not be particularly shown or described therein provided that the same can reasonably be inferred there-from and if the contractor finds any discrepancies therein he shall immediately and in writing refer the same to the SBI/Architect/Consultant whose decision shall be final and binding. The contractor shall provide himself for ground and fresh water for carrying out the work at his own cost. The SBI shall on no account be responsible for the expenses incurred by the contractor for hired ground or fresh water obtained from elsewhere.
- 5.17.2 The rates quoted against individual items will be inclusive of everything necessary to complete the said items of work within the contemplation of the contract, and beyond the unit price no extra payment will be allowed for incidental or contingent work, labour and / or materials inclusive of all taxes and duties whatsoever for specific items, if any stipulated in the tender documents.
- 5.17.3 The contractor shall supply, fix and maintain at his own cost for the execution of any work, all tools, tackles, machineries and equipments and all the necessary centering, watching and lighting by night as well as by day required not only for the proper execution and protection of the said work but also for the protection of the public and safety of any adjacent roads, street, walls, houses, buildings, all other erections, matters and things and the contractor shall take down and remove any or all such centering, scaffolding planking, timbering, strutting, shoring etc. on occasions as required or when ordered so to do and shall fully reinstate and make good all matters and things disturbed during the execution of work to the satisfaction of the SBI/Architect/Consultant.

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- 5.17.4 The contractor shall at all times give access to workers engaged by the SBI or any men engaged on the building and to provide such parties with proper, sufficient and if required, special scaffolding, hoists and ladders and provide them with water and lighting and leave or make any holes, grooves etc. in any work, where directed by the SBI/Architect/Consultant as may be required to enable such workman to lay or fix pipes, electrical wiring, special fittings etc. The quoted rate of the tenderers shall accordingly include all these above-mentioned contingent work.

5.18.0 TIME OF COMPLETION / EXTENSION OF TIME AND PROGRESS CHARTS

5.18.1 Time of Completion:

Time is the essence of the contract and shall be strictly observed by the contractor. The entire work shall be completed within a period of 45 days (Forty Five Days) from the date of commencement. If required in the contract or as directed by the Architect/ Consultant, the contractor shall complete certain portions or work before completion of the entire work. However the completion date shall be reckoned as the date by which the whole work is completed as per the terms of the contract.

Virtual Completion Certificate:

On successful completion of the entire works covered by the contract to the full satisfaction of SBI, the contractor shall ensure that following works have been completed to the satisfaction of SBI:

- a) Clear the site of all the scaffolding, wiring, pipes, surplus material, contractors labour, equipment and machinery.
- b) Demolish, dismantle and remove the contractors site office, temporary works, structures including labour sheds/ camps and constructions and other items and things whatsoever brought upon or erected at site or any land allotted to the contractor by SBI, and not incorporated in the permanent works.
- c) Remove all rubbish, debris etc. from the site and the land allotted to the contractor by the SBI and shall clear, level and dress, compact the site as required by the SBI
- d) Shall put the SBI in undisputed custody and possession of site and all the land allotted by SBI
- e) Shall hand over the work in a peaceful manner to the SBI
- f) All defects/ imperfections have been attended and rectified as pointed out by the SBI to the full satisfaction of SBI

Upon the satisfactory fulfillment by the contractor as stated above, the contractor shall be entitled to apply to the Architect/ Consultant is satisfied of the completion of the work. Relative to which completion certificate has been sought, the Architect/ Consultant shall within 14 days of receipt of the application for virtual completion certificate issue a VCC in respect of the work in which the VCC has been applied.

The work shall not be considered as complete until the SBI/Architect/Consultant have certified in writing that this has been completed and the Defect Liability shall commence from the date of such certificate.

5.18.2 Extension of Time:

If, in the opinion of the Architect/ Consultant, the work be delayed for reasons beyond the control of the contractor, the Architect/ Consultant may submit a recommendation to the SBI to grant a fair and reasonable extension of time for completion of work as per the terms of contract. If the contractor needs an extension of time for the completion of work or if the completion of work is likely to be delayed for any reasons beyond the due date of completion as stipulated in the contract, the contractor shall apply to the SBI through the Architect/ Consultant in writing at least 30 days before the expiry of the scheduled time and while applying for extension of time he shall furnish the reasons in detail and his justification if any, for the delays. The Architect/ Consultant shall submit their recommendations to the SBI in the prescribed format for granting extension of time. While granting extension of time the contractor shall be informed the period extended time which will qualify for levy of liquidated damages. For the balance period in excess of original stipulated period and duly sanctioned extension of time by the SBI the provision of liquidated damages as stated under relevant clause of GCC shall become applicable.

Further contract shall remain in force even for the period beyond the due date of completion irrespective whether the extension is granted or not.

If in the opinion of the SBI/Architect/Consultant the work be delayed for (a) delayed handing over of site (b) by reason of any exceptionally inclement weather, or (c) by reason of instructions from the SBI/Architect/Consultant in consequence of proceedings taken or threatened by or disputes, with adjoining or neighboring owners or (d) by the work or delay of other contractors or tradesmen engaged or nominated by the SBI/Architect/Consultant and not referred to in the specification or (e) by reason of authorized extra and additions or (f) by reason of any combination of workman or strikes or lockout affecting any of the building trades or (g) from other causes which the SBI/Architect/Consultant may consider are beyond the control of the contractor, the SBI/Architect/Consultant at the completion of the time allowed for the contract shall make fair and reasonable extension of time for completion in respect therefore.

In case of such strike or lockouts, as referred to above, the contractor shall immediately give the SBI/Architect/Consultant written notice thereof. Nevertheless, the contractor shall use his best endeavors to prevent delay, and shall do all that as may be reasonably required, to the satisfaction of the SBI/Architect/Consultant to proceed with the work and on his so doing it will be ground of consideration by the SBI/Architect/Consultant for an extension of time as above provided. The decision of the SBI as to the period to be allowed for an extension of time for completion hereunder (which decision shall be final and binding on the contractor) shall be promulgated at the conclusion of such strike or lock-out and the SBI shall then, in the event of extension being granted, determine and declare the final completion date.

5.18.0 RATE OF PROGRESS:

Whole of the materials, plant and labour to be provided by the contractor and the mode, manner and speed of execution and maintenance of the works are to be of a kind and conducted in a manner to the satisfaction of the Architect/ Consultant. Should the rate of progress of the work or any part thereof be at any time be in the opinion of the Architect/ Consultant too slow to ensure the completion of the whole of the work by the prescribed time or extended time for completion the Architect/ Consultant shall thereupon take such steps as considered necessary by the Architect/ Consultant to expedite progress so as to complete the works by the prescribed time or extended time. Such communications from the Architect/ Consultant neither shall receive the contractor from fulfilling obligations under the contract nor he shall be entitled to raise any claims arising out of such directions.

5.19.0 LIQUIDATED DAMAGES

If the contractor fails to maintain the required progress in terms of clause 30 of GCC or to complete the work and clear the site including vacating their office on or before the contracted or extended date without justification in support of the cause of delay, he may be called upon without prejudice to any other right of remedy available under the law to the SBI on account of such breach to pay a liquidated damages at the rate of 0.5% of the contract value per week subject to a maximum of 5% of contract value.

5.20.0 ACTION WHEN WHOLE OF SECURITY DEPOSIT IS FORFEITED

- 5.20.1 In any case in which under any clause or clauses of this contract, the Contractor shall have rendered himself liable to pay compensation amounting to the whole of his security deposit the Architect/Consultant shall have the power to adopt any of the following course as they may deem best suited to the interest of the SBI.
- 5.20.2 To rescind the contract (of which rescission notice in writing to the contractor by the Architect/Consultant shall be conclusive evidence) and in which case the security deposit of the contractor shall be forfeited and be absolutely at the disposal of SBI.
- 5.20.3 To employ labour paid by the SBI and to supply materials to carry out the work, or any part of the work, debiting the contractor with the cost of the labour and materials (the cost of such labour and materials as worked out by the Architect/Consultant shall be final and conclusive against the contractor) and crediting him the value of the work done, in all respects in the same manner and at the same manner and at the same rates as if it had been carried out by the contractor under the terms of this contract the certificate of Architect/Consultant as to the value of work done shall be final and conclusive against the contractor.

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- 5.20.4 To measure up the work of contractor, and to take such part thereof as shall be unexecuted, out of his hands, and to give it to another contractor to complete in which case any expenses which may 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 certificates in writing of the Architects/Consultant shall be final and conclusive) shall be borne by original contractor and may be deducted from any money due to him by SBI under the contract or otherwise, or from his security deposit or the proceeds of sale thereof, or sufficient part thereof.
- 5.20.5 In the event of any of above courses being adopted by the SBI the contractor shall have no claim to compensation for any loss sustained by him by reasons of his having purchased or procured any material or entered into any engagements or make any advances on account of, or with a view to the execution of the work or the performance of the contract and in case the contract shall be rescinded under the provision aforesaid, the contractor shall not be entitled to recover or to be paid any sum or any work thereto for actually performed under this contract, unless, and until the Architect/Consultant will have 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.

5.21.0 MATERIALS, APPLIANCES AND EMPLOYEES

Unless or otherwise specified the contractor shall provide and pay for all the materials, labour, water, power tools equipment transportation and any other facilities that are required for satisfactory execution and completion of the project. Unless or otherwise specified, all material shall be new and both workmanship and material shall be best quality. The contractor shall at all times enforce strict discipline and good order among his employees and shall not employ on the work any unfit person or anyone not skilled in the work assigned to him. Workman whose work or behavior is found to be unsatisfactory by the SBI/Architect/ Consultant he shall be removed from the site immediately.

The contractor shall provide, fix up and maintain in an approved position proper office accommodation for contractor's representative and staff, which offices shall be open at all reasonable hours to receive instruction, notices or communications and clear away on completion of the work and make good all work disturbed.

All drawing maintained on the site are to be carefully mounted on boards of appropriate size. They are to be protected from ravages of termites, ants and other insects.

5.21.1 Setting out works.

The contractor shall set out the work and shall be responsible for the true and perfect setting out of the same and all the correctness of the positions, levels, dimensions and alignment of all the parts thereof and get it approved by the Architect/ Consultant before proceeding with the work. If at any time any error in this respect shall appear during the progress of the work, irrespective of the fact that the layout had been approved by Architect/ Consultant, the contractor shall be responsible for the same and shall at his own expenses rectify such error, if so, required to the satisfaction of the SBI.

5.21.2 Protection of works and Property

The contractor shall continuously maintain adequate protection of all work from damage and shall protect the SBI's properties from injury or loss due to his fault or negligence except which are due to causes beyond his control.

He shall take adequate care and steps for protection of the adjacent properties. The contractor shall take all precautions for safety and protection of his employees on the works and shall comply with all applicable provisions of Government and local bodies' safety laws and building codes to prevent accidents, or injuries to persons or property of about or adjacent to his place of work. The contractor shall take insurance covers as per relevant clauses at his own cost. The policy may be taken in joint names of the contractors and the SBI and the original policy may be lodged with the SBI.

The contractor from the time of being placed in possession of the site must make suitable arrangements for watching, lighting and protecting the work, the site and surrounding properly by day, by night, on Sundays and other holidays.

The contractor shall indemnify the SBI against any possible damage to the building, roads or member of the public in course of execution of work.

The contractor shall provide necessary temporary enclosures, gates, entrances etc. for the protection of the work and materials and for altering and adopting the same as may be required and removing on completion of the work and making good all work disturbed.

5.21.3 Storage Of Materials

The contractor shall provide and maintain proper sheds for the proper storage and adequate protection of the materials etc. and other work that may be executed on the site including the tools and materials of sub-contractors and remove the same on completion.

The Contractor shall not deposit materials in locations, which will cause inconvenience to the public. The Architect/Consultant may require the Contractor to remove any materials, which are considered by him to be a danger or inconvenient to the public and cause them to be removed at the Contractor's cost.

5.21.4 Contractor's Employees

5.21.4.1 The Contractor shall employ technically qualified and competent supervisors for the work who shall be available (by turn) throughout the working hours to receive and comply with instruction of the SBI/Architect/Consultant. The Contractor shall engage at least one experienced Technical representative as Site-in-Charge for execution of the work. The Contractor shall employ in connection with the work persons having the appropriate skill or ability to perform their job efficiently.

5.21.4.2 The Contractor shall employ local labours on the work as far as possible.

5.21.4.3 No labourer below the age of sixteen years and any labour who is not an Indian National shall be employed on the work.

5.21.4.4 Any labourer supplied by the Contractor to be engaged on the work on day work basis either wholly or partly under the direct order or control of the SBI or its representative shall be deemed to be a person employed by the Contractor.

5.21.4.5 The Contractor shall comply with the provisions of all labour legislation including the requirements of: -

- The Payment of Wages Act
- Employer's Liability Act.
- Workman's Compensation Act.
- Contract Labour (Regulation and Abolition) Act, 1970 and Central Rules 1971.
- Apprentices Act 1961
- Any other Act or enactment relating thereto and rules framed there under from time to time.

5.21.4.6 The Contractor shall keep the SBI saved harmless and indemnified against claims of any of the workmen and all costs and expenses as may be incurred by the SBI in connection with any claim that may be made by any workman are recoverable from the Contractor.

5.21.4.7 The Contractor shall comply at his cost with order of requirement of any Health Officer of the State or any local authority or of the SBI regarding the maintenance of proper environmental sanitation of the areas where the Contractor's labourers are housed or accommodated, for the prevention of small-pox, cholera, plague, typhoid, malaria and other contagious diseases. The contractor shall provide, maintain and keep in good sanitary condition adequate sanitary accommodation and provide facilities for pure drinking water at all times for the use of men engaged on the work and shall remove and clear away the same on completion of work. Adequate precaution shall be taken by the Contractor to prevent nuisance of any kind on the work or on the land adjoining the same.

5.21.4.8 The Contractor shall arrange to provide first aid treatment to the labourers engaged on the work. He shall within 24 hours of any accident at or about the site or in connection with execution of work, report such accident to the SBI and also to the competent authority where such report is required by law.

5.21.5 Dismissal Of Workmen

The Contractor shall on the request of the SBI/Architect/Consultant immediately dismiss from work any person employed thereon by him, who may in the opinion of the SBI/Architect/Consultant be unsuitable or incompetent or who may misconduct himself. Such discharge shall not be basis of any claim for compensation or damages against the SBI/Architect/Consultant or any of their officer/employee.

5.21.6 Tools

All tools, equipments and instruments as instructed by the SBI/Architect/Consultant and considered necessary for the work shall be provided by the contractor for the due performance of this contract.

5.22.0 QUALITY OF MATERIALS, WORKMANSHIP, SAMPLES, TESTING OF MATERIALS

- 5.22.1 All material and workmanship shall be best of the respective kinds described in the contract and in accordance with Architect/ Consultant instructions and shall be subject from time to time such tests as the Architect/ Consultant may direct at the place of manufacture or fabrication or on the site on in approved testing laboratory. The contractor shall provide such assistance, instruments, machinery, labour, and materials.
- 5.22.2 All the work specified and provided for in the specification or which may be required to be done in order to perform and complete any part thereof shall be executed in the best and most workman like manner with materials of the best and approved quality of the respective kinds in accordance with the particulars contained in and implied by the specifications and as represented by the drawings or according to such other additional particulars and instructions as may from time to time be given by the SBI / Architect / Consultant during the execution of the work, and to his entire satisfaction.
- 5.22.3 If required by the SBI/Architect/Consultant, the Contractor shall have to carry out tests on materials and workmanship in approved materials testing laboratories or as prescribed by the SBI/Architect/Consultant at his own cost to prove that the materials etc. under test conform to the relevant I.S. standards or as specified in the specification. No extra payment on this account should in any case be entertained.
- 5.22.4 All the materials, stores & equipments required for full performance of the work under the contract must be provided through normal channels and must include charge for sales tax, import duties and other charges as applicable and must be best of their kind available and the contractor must be entirely responsible for the proper and efficient carrying out of the work. The work must be done in the best workmanship manner.
- 5.22.5 All samples of adequate numbers, size, shades and patten as per the specifications shall be supplied by the contractor without any extra charges. If certain items proposed to be used are of such nature that samples cannot be presented at the site, detailed literature/test certificate of the same shall be provided to the satisfaction of the Architect/Consultant. Before submitting the sample/literature the contractor shall satisfy himself that the material/equipment for which he is submitting the samples or literature meet with the requirement of tender specification. Only when the samples are approved in writing by the architect/ consultant the contractor shall proceed with the procurement and installation of the particular material/equipment. The approved samples shall be signed by the Architect/Consultant for identification and shall be kept on record at site office until the completion of the work for inspection/ comparison at any time. The Architect/Consultant shall take reasonable time to approve the sample. Any delay that might occur in approving the samples for reasons of its not meeting the specifications or other discrepancies inadequacy in furnishing samples of best qualities from various manufacturers and such other aspects causing delay on the approval of the material/ equipments etc. shall be to the account of the contractor.
- 5.22.6 Samples of all materials to be used shall be submitted to the SBI/Architect/Consultant and written approval from the SBI/Architect/Consultant shall be obtained prior to placement of order. A list of materials of approved make and brand is annexed. Materials mentioned in the said list shall be used; In case materials in the list are not available the contractor may use the equivalent product with prior permission from the SBI/Architect/Consultant. As regards equivalent product / material the opinion of the SBI/Architect/Consultant shall be final and binding on the contractor.
- 5.22.7 During the inclement weather the contractor shall suspend concreting and plastering for such time as the SBI/Architect/Consultant may direct and shall protect from injury all work during its course of execution. Any damage (during construction) to any part of the work for any reasons due to rain, storm or neglect of contractor, shall be rectified by the contractor in an approved manner at no extra cost.
- 5.22.8 Should the work be suspended by reason of rain, strike. Lockouts or any other cause, the contractor shall take all precaution necessary for the protection of work and at his own expenses shall make good any damage from any of these causes.
- 5.22.9 The contractor shall cover up and protect from damage, from any cause, all new work and supply all temporary doors, protection to windows, and any other requisite protection for the execution of the work

whether by himself or special tradesman or sub-contractor and any damage caused must be made good by the contractor at his own expenses.

5.22.10 Cost of the tests:

The cost of making any test shall be borne by the contractor if such test is intended by or provided for in the specifications or BOQ

5.22.11 Cost of test not provided for:

If any test is ordered by the Architect/Consultant which is either (a) if so intended by or provided for or (in cases above mentioned) is not so particularized or through so intended or provided for but ordered by the Architect/Consultant (b) which is either to be carried out by an independent person at any place other than the site or the place of manufacture or fabrication of the materials tested or any government/approved laboratory, then the cost of such test shall be borne by the contractor.

5.23.0 NOTICE AND PATENTS OF APPROPRIATE AUTHORITY AND OWNERS

5.23.1 The contractor shall conform to the provisions of any Acts of the Legislature relating to the work and to the Regulations and Bylaws of any authorities, and / or any water, lighting and other companies, and / or authorities with whose system the structure were proposed to have connection and shall before making any variations from the drawings or specification that may be associated to so conform, give the SBI/Architect/Consultant written notices specifying the variations proposed to be made and the reasons for making them and apply for instructions thereon. The SBI/Architect/Consultant on receipt of such intimation, shall give a decision within a reasonable time.

5.23.2 The contractor shall arrange to give all notices required for by the said Acts, Regulations or Bylaws to be given to any authority and to pay to such authority or to any public officer all fees that may be properly chargeable in respect of the work and lodge the receipts with the SBI.

5.23.3 The contractor shall indemnify the SBI against all claims in respect of patent right, royalties, damages to buildings, roads or members of public in course of execution of work and shall defend all action arising from such claims and shall keep the SBI saved harmless and indemnified in all respects from such actions, costs and expenses.

5.24.0 INSPECTION OF WORK

The SBI/Architect/Consultant or their representatives shall at all reasonable times have free access to the work and / or to the workshops, factories or other places where materials are being prepared or constructed for the work and also to any place where the materials are lying or from where they are being obtained, and the contractor shall give every facility to the SBI/Architect/Consultant or their representatives necessary for inspection and examination and test of the material and workmanship. No person unless authorized by the SBI/Architect/Consultant except the representatives of Public Authorities shall be allowed on the work at any time. The proposed work either during its construction stage or its completion can also be inspected by the Chief Technical Examiner's organization a wing of Central Vigilance Commission.

5.25.0 REMOVAL OF ALL OFFENSIVE MATTERS

All soil, filth or other matters of any offensive nature taken out of any trench, sewer, drain, cesspool or other place shall not be deposited on the surface but shall at once be carted away by the contractor to a safe place as per rules of the appropriate authorities.

5.26.0 REMOVAL OF IMPROPER WORK

The SBI/Architect/Consultant shall during the progress of the work have power to order in writing from time to time the removal from the work within such reasonable time or times as may be specified in the order of any materials which in the opinion of the SBI/Architect/Consultant are not accordance with specification or instruction, the substitution or proper re-execution of any work executed with materials or workmanship not in accordance with the drawings and specifications or instruction. In case the contractor refuses to comply with the order the SBI/Architect/Consultant shall have the power to employ and pay other agencies to carry out the work and all expenses consequent thereon or incidental thereto as certified by the Architect/Consultant shall be borne by the contractor or may be deducted from any money due to or that may become due to the contractor. No certificate, which may be given by the Architect/Consultant, shall relieve the Contractor from his liability in respect of unsound work or bad materials.

5.27.0 SITE ENGINEER

The term "Site Engineer" shall mean the person, if any, appointed by the SBI to superintend the work. The Contractor shall afford the Site Engineer every facility and assistance for examining the work and materials and for checking and measuring work and materials. The Site Engineer shall have no power to revoke, alter, enlarge or relax any requirements of the contract or to sanction any day work, addition, alterations, deviations or omission or any extra work whatever, except in so far as such authority may be specially conferred by a written order of the SBI/Architect/Consultant.

5.28.0 ASSIGNMENT AND SUBLETTING

The whole of the work included in the contract shall be executed by the Contractor and he shall not directly entrust and engage or indirectly transfer, assign or underlet the contract or any part, or share thereof or interest therein without the written consent of the SBI through the Architect and no undertaking shall relieve the contractor from the responsibility of the contractor from active superintendence of the work during its progress.

5.29.0 NOMINATED SUB-CONTRACTOR

All specialists, Merchants, Tradesmen and others executing any work or supplying and fixing any goods for which prime cost prices or provisional sums are included in the Schedule of Quantities/Rates and/or specification who may be nominated or selected by the SBI/Architect/Consultant are hereby declared to be sub-contractors employed by the contractor and are herein referred to as nominated sub-contractors.

5.30.0 INSURANCE OF WORKS

5.30.1 Without limiting his obligations and responsibilities under the contract, the contractor shall ensure in the joint names of SBI and the contractor against all loss or damages from whatever cause arising other than accepted risks for which he is responsible under terms of contract and in such a manner that the SBI and contractor are covered for the period stipulated in the relevant clause of GCC and are also covered during the period of maintenance for loss or damage arising from a cause occurring prior to the commencement of the period of maintenance and for any loss or damage occasioned by the contractor in the course of any operations carried out by him for the purpose of complying with his obligations under the clause.

(a) The works for the time being executed to the estimated current contract value thereof or such additional sum as may be specified together with the materials for incorporation in the works at their replacement value.

(b) The construction plant and other things brought to the site by the contractor to the replacement value of such constructional plant and other things.

(c) Such insurance shall be effected with an insurer and in terms approved by SBI which approval shall not be unreasonably withheld and the contractor shall whenever required produce to the architect or consultant the policy of insurance and receipts for payment of current premiums.

5.30.2 Damage to Persons and Property:

The contractor shall, except in so far as the contract provides, otherwise indemnify the SBI against all losses and claims in respect of injuries or damages to any person or material or physical damage to any property whatsoever which may arise out of or in consequence of the execution and maintenance of the works and against all claims, proceedings, damages, cost, charges and expenses whatsoever in respect of or in relation thereto except any compensation and damages for or with respect to:

(a) The permanent use or occupation of land by or any part thereof

(b) The right of SBI to execute the work or any part thereof, on, over, under, in or through any lands

(c) Injuries or damages to persons or properties which are unavoidable result of the execution or maintenance of the works in accordance with the contract.

(d) Injuries or damage to persons or property resulting from any act or neglect of the SBI, their agents, employees or other contractors not being employed by the contractor or in respect of any claims, proceedings, damages, costs, charges and expenses in respect thereof or in relation thereto or where the injury or damage was contributed to by the contractor, his servants, agents, such part of the compensation as may be just and equitable having regard to the extent of the responsibility of the SBI, their employees, or agents or other employees or agents or other contractors for the damage or the injury.

5.30.3 Contractor to Indemnify SBI:

The contractor shall indemnify the SBI against all claims, proceedings, damages, costs, charges and expenses in respect of the matters referred to in the provision sub-clause of this clause

5.30.4 Contractor's Superintendence:

The contractor shall fully indemnify and keep indemnified the SBI against any action, claim, or proceeding relating to infringement or use of any patent or design or any alleged patent or design rights and shall pay any royalties which may be payable in respect of any article of part thereof included in the contract. In the event of any claim made under or action brought against SBI in respect of such matters as aforesaid the contractor shall be immediately notified thereof and the contractor shall be at liberty, at his own expenses to settle any dispute or to conduct any litigation that may arise therefrom, provided that the contractor shall not be liable to indemnify the SBI if the infringement of the patent or design or any alleged patent or design right is the direct result of an order passed by the Architect/ Consultant in this behalf.

5.31.0 THIRD PARTY INSURANCE :

5.31.1 Before commencing the execution of the work the contractor but without limiting his obligations and responsibilities under clause 26.0 of GCC shall insure against his liability for any material or physical damage, loss, or injury which may occur to any property including that of SBI, or to any person, including any employee of the SBI, by or arising out of the execution of the works or in the carrying out of the contract, otherwise than due to the matters referred to in the provision to clause 26.0 thereof.

5.31.2 Minimum Amount of Third party Insurance

Such insurance shall be effected with an insurer and in terms approved by the SBI which approval shall not be reasonably withheld and for at least the amount stated below. The contractor shall, whenever required, produce to the Architect/ Consultant the policy or policies of insurance cover and receipts for payment of the current premiums.

The minimum insurance cover for physical property, injury, and death is Rs. 5.0 lacs per occurrence with the number of occurrences limited to four. After each occurrence contractor will pay additional premium necessary to make insurance valid for four occurrences always.

5.32.0 ACCIDENT OR INJURY TO WORKMEN

5.32.1 The SBI shall not be liable for or in respect of any damages or compensation payable at law in respect or in consequence of any accident or injury to any workmen or other person in the employment of the contractor or any sub-contractor, save and except an accident or injury resulting from any act of default of the SBI or their agents, or employees. The contractor shall indemnify and keep indemnified SBI against all such damages and compensation, save and except as aforesaid and against all claims, proceedings, costs, charges and expenses whatsoever in respect thereof or in relation thereto.

5.32.2 Insurance against accidents etc to workmen

The contractor shall insure against such liability with an insurer approved by the SBI during the whole of the time any person employed by him on the works and shall, when required, produce to the architect/ consultant such policy of insurance and receipt for payment of the current premium. Provided always that in respect of any persons employed by any sub-contractor the contractor's obligation to insure as aforesaid under this sub-clause shall be satisfied if the sub-contractor shall have insured against the liability in respect of such persons in such manner that SBI is indemnified under the policy but the contractor shall require such sub-contractor to produce to the Architect/ Consultant when required such policy of insurance and the receipt for the payment of the current premium.

5.32.3 Remedy on Contractor's failure to insure

If the contractor fails to effect and keep in force the insurance referred to above or any other insurance which he may be required to effect under the terms of contract, then and in any such case the SBI may effect and keep in force any such insurance and pay such premium or premiums as may be necessary for that purpose and from time to time deduct the amount so paid by the SBI as aforesaid and also deduct 15% of contract value from any amount due or which may become due to the contractor, or recover the same as debt from the contractor.

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- 5.32.4 Without prejudice to the other rights of the SBI against contractors , in respect of such default, the bank shall be entitled to deduct from any sums payable to the contractor the amount of any damages costs, charges, and other expenses paid by the SBI and which are payable by the contractors under this clause. The contractor shall upon settlement by the insurer of any claim made against the insurer pursuant to a policy taken under this clause, proceed with due diligence to rebuild or repair the works destroyed or damaged. In this event all the monies received from the insurer in respect of such damage shall be paid to the expenditure incurred for rebuilding or repairing of the materials or goods destroyed or damaged.

5.33.0 COMMENCEMENT OF WORKS

The date of commencement of the work will be reckoned as the recorded date of handing over site by the SBI or 15 days from the date of issue of Letter of Acceptance of Bank, whichever is later.

5.34.0 WORK DURING NIGHTS AND HOLIDAYS

Subject to any provision to the contrary contained in the contract no permanent work shall save herein provided be carried on during the night or on holidays without the permission in writing of the Architect/ Consultant, save when the work is unavoidable or absolutely necessary for the saving of life or property or for the safety of the work in which case the contractor shall immediately advise the Architect/ Consultant. However the provision of the clause shall not be applicable in the case of any work which becomes essential to carry by rotary or double shifts in order to achieve the progress and quality of the part of the works being technically required and continued with the prior approval of the Architect/ Consultant at no extra cost to the SBI.

All work at night after obtaining approval from competent authorities shall be carried out without unreasonable noise and disturbance.

5.35.0 NO COMPENSATION FOR RESTRICTIONS OF WORK

If at any time after acceptance of the tender SBI shall decide to abandon or reduce the cope of work for any reason whatsoever and hence not require the whole or any part of the work to be carried out, the Architect/ Consultant shall give notice in writing to that effect to the contractor and the contractor shall act accordingly in the matter. 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 work fully but which he did not derive in consequence of the foreclosure of the whole part of the work.

Provided that the contractor shall be paid the charges on the cartage only of materials actually and bona fide brought to the site of the work by the contractor and rendered surplus as a result of the abandonment, curtailment of the work or any portion thereof and then taken back by the contractor, provided however that the Architect/Consultant shall have in such cases the option of taking over all or any such materials at their purchase price or a local current rate whichever is less.

In case of such stores having been issued from SBI stores and returned by the contractor to stores, credit shall be given to him at the rates not exceeding those at which were originally issued to the contractor after taking into consideration and deduction for claims on account of any deterioration or damage while in the custody of the contractor and in this respect the decision of Architect/Consultant shall be final.

5.36.0 SUSPENSION OF WORK

- 5.36.1 The contractor shall, on receipt of the order in writing of the Architect/Contractor (whose decision shall be final and binding on the contractor) suspend the progress of works or any part thereof for such time and in such manner as Architect/Consultant may consider necessary so as not cause any damage or injury to the work already done or endanger the safety thereof for any of following reasons.

- a) On account any default on the part of the contractor, or
- b) For proper execution of the works or part thereof for reasons other than the default of the contractor, or
- c) 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 Architect/Consultant.

- 5.36.2 If the suspension is ordered for reasons (b) and (c) in sub-Para (i) above:

The contractor shall be entitled to an extension of time equal to the period of every such suspension. No compensation whatsoever shall be paid on this account.

5.37.0 OWNER'S RIGHT TO TERMINATE THE CONTRACT

If the contractor being individual or a firm commit any 'Act of Insolvency' or shall be adjusted an insolvent to being an incorporated company shall have an order for compulsory winding up voluntarily or subject to the supervision of Government and of the Official Assignee of the liquidator in such acts of insolvency or winding up shall be unable within seven days after notice to him to do so, to show to the reasonable satisfaction of the Architect/Consultant that he is able to carry out and fulfill the contract, and to give security therefore if so required by the Architect/Consultant.

Or if the contractor (whether an individual firm or incorporated Company) shall suffer execution to be issued or shall suffer any payment under this contract to be attached by or on behalf of any of the creditors of the contractor.

Or shall assign or sublet this contract without the consent in writing of the SBI through the Architect/Consultant or shall charge or encumber this contract or any payment due to which may become due to the contractor there under.

- a) Has abandoned the contract; or
- b) Has failed to commence the works, or has without any lawful excuse under these conditions suspended the progress of the works for 14 days after receiving from the SBI through the Architect/Consultant written notice to proceed, or
- c) Has failed to proceed with the works with such diligence and failed to make such due progress as would enable the work to be completed within the time agreed upon, or has failed to remove the materials from the site or to pull down and replace work within seven days after written notice from the SBI through the Architect/Consultant that the said materials were condemned and rejected by the Architect/Consultant under these conditions; or has neglected or failed persistently to observe and performs all or any of the acts, matters or things by this contract to be observed and performed by the contractor for seven days after written notice shall have been given to the contractor to observe or perform the same or has to the detriment of good workmanship or in defiance of the SBI's or Architect's/Consultant's instructions to the contrary subject any part of the contract. Then and in any of said cases the SBI or the Architect/Consultant to the contrary subject any part of the contract. Then and in any of said cases the SBI and or the Architect/Consultant, may not withstanding any previous wavier, after giving seven days notice in writing to the contractor, determine the contract, but without thereby affecting powers of the SBI or the Architect/Consultant or the obligation and liabilities of the contractor the whole of which shall continue in force as fully as if the contract had not been so determined and as if the works subsequently has been executed by or on behalf of the contractor. And, further the SBI through the Architect/Consultant, their agents or employees or workmen in carrying on and completing the work or by engaging any other contractors or persons to complete the work and the contractor shall not in any way interrupt or do any act, matter or thing to prevent or hinder such other contractor or other persons employees for completing and finishing or using the materials and plant for the works.

When the works shall be completed or as soon thereafter as convenient the SBI or the Architect/Consultant shall give a notice in writing to the contractor to remove his surplus materials and plants and should the contractor fail to do so within 14 days after receipt thereof by him the SBI sell the same by public auction after due publication and shall adjust the amount realized by such auction. The contractor shall have no right to question any of the act of the SBI incidental to the sale of the materials etc.

5.38.0 ACCOUNT RECEIPTS AND VOUCHERS

- 5.38.1 The contractor shall upon the request of the SBI/Architect/Consultant furnish them with all the invoices, accounts, receipts and other vouchers that they require in connection with the work under this contract.
- 5.38.2 If the Contractor shall use materials less than what is required under the contract, the value of the difference in the quantity of the materials he was required to use and that he actually used shall be deducted from his dues. The decision of the SBI shall be final and binding on the Contractor as to the amount of materials the Contractor is required to use for any work under this contract.

5.39.0 MEASUREMENT OF WORK

The Architect/ Consultant may from time to time intimate to the contractor that he required the work to be measured and the contractor shall forthwith attend or send their qualified representative to assist the architect in taking such measurements and calculations and to furnish all particulars r to give all assistance required by any of them. Such measurement shall be taken win accordance with the mode of measurements detailed in the specifications. The representative of the Architect/consultant shall take joint measurements with the contractor's representative and the measurement shall be entered in the measurement book. The contractor or his authorized representative shall sign all the pages of the, measurement book in which the measurements have been recorded in token of his acceptance. All the corrections shall be duly attested by both representatives. No overwriting shall be made in the measurement book. Should the contractor not attend or neglect or omit to depute his representative to take measurement then the measurements recorded by the representative of the Architect/consultant shall be final. All authorized extra work, omissions and all variations made shall be included in such measurements.

5.40.0 ACTION WHERE NO SPECIFICATION

In the case of any work for which there is no such specification in Technical Specification such work shall be carried out in accordance with the I.S. Specification and in the event of there being no I.S. Specification, then in such case the work shall be carried out in all respect in accordance with the instructions and requirements of the Architect/Consultant/SBI.

5.41.0 PAYMENTS

All bills shall be prepared by the Contractor in the form prescribed by the SBI/Architect/Consultant. Normally one interim bill shall be prepared each month subject to minimum value for interim for interim certificate as stated in these documents. The interim bill in proper form must be duly accompanied by detailed measurements, duly endorsed in support of quantities of work done and must show deduction for all previous payments, retention money, etc. Advance/adhoc payments for work will not be normally made.

The Architect/Consultant/SBI shall issue certificate after due scrutiny of the Contractor's bill stating the amount due to the contractor from the SBI and the Contractor shall be entitled to payment thereof, by the SBI within the period of '**honoring certificates**' mentioned in these documents.

The amount stated in an interim certificate shall be based on the total value of work properly executed.

If the SBI has supplied any materials or goods to the Contractor, the cost of any such materials or goods will be progressively deducted from the amount due to Contractor in accordance with the quantities consumed in the work.

5.41.1 Interim payments

All the interim payments shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed and shall not preclude the requiring of bad unsound and imperfect or unskilled work to be removed and taken away and reconstructed or re-erected or be considered as an admission of the due performance of the contract or any part thereof in any respect or the accruing of any claim, nor shall, it conclude determine or affect in any way the powers of the SBI under these conditions or any of them as to the final settlement and adjustment of the accounts or otherwise or in any way vary or affect the contract. The Contractor to the Architect/Consultant shall submit the final bill within one month of the date of certificate of completion furnished by the Architect/Consultant and payment shall be made after the same is duly verified and certified by the Architect/Consultant.

5.41.2 Final Payment

The final bill shall be accompanied by a certificate of completion from the Architect/Consultant along with all other documents required to be submitted by the Contractor under these conditions. Payment of final bill shall be made after deduction of retention money as specified in these conditions which sum shall be refunded in the manner stated in these conditions. The acceptance of payment of the final bill by the Contractor would indicate that he would have no further claim in respect of the work executed.

5.42.0 CERTIFICATE OF PAYMENT

The contractor shall be entitled under the certificate to be issued by the Architect/Consultant to the contractor within 10 working days from the date of certificate to the payment from SBI from time to time. The SBI shall recover the statutory recoveries and other dues including the retention amount from the certificate of payment.

- Provided always that the issue of any certificate by the Architect/Consultant during the progress of works or completion shall not have effect as certificate of satisfaction or relieve the contractor from his liability under the clause.
- The Architect/Consultant shall have power to withhold the certificate if the work or any part thereof is not carried out to their satisfaction.
- The Architect/Consultant may be any certificate make any corrections required in previous certificate.
- The SBI shall modify the certificate of payment as issued by the Architect/Consultant from time to time while making the payment.
- The contractor shall submit interim bills only after taking actual measurements and properly recorded in the measurement book (M.B).
- The contractor shall not submit interim bills when the approximate value of work done by him is less than Rs.....and minimum interval between two such bills shall be one month.

The final bill may be submitted by contractor within period of one month from the date of virtual completion and Architect/Consultant shall issue the certificate of payment within a period of two months from the date of issue of certificate provided there is no dispute in respect of rates and quantities.

The contractor shall submit the interim bills in the prescribed format with all details.

5.43.0 VARIATIONS

No alteration, omission or variation ordered in writing by the Architect/ Consultant shall vitiate the contract.

In case the SBI/ Architect/ Consultant thinks proper at any time during the progress of works to make any alteration in, or additions to or omission from the works or any alteration in the kind or quality of the materials to be used therein , the Architect/ Consultant shall give notice thereof in writing to the contractor or shall confirm in writing within seven days of giving such oral instructions the contractor shall alter to, add to, or omit from as the case may be in accordance with such notice but the contractor shall not do any work extra to or make any alteration or additions to or omissions from the works or any deviation from any of the provisions of the contract, stipulations , specifications or contract drawings without previous consent in writing of the Architect/ Consultant and the value of such extras, alterations, additions or omissions shall in all cases be determined by the Architect/ Consultant and the same shall be added to or deducted from the contract value, as the case may be.

5.44.0 VALUATION OF VARIATIONS

No claim for an extra shall be allowed unless it shall have been executed under the authority of the Architect/ Consultant with the concurrence of the SBI as herein mentioned. Any such extra is herein referred to as authorized extra and shall be made in accordance with the following provisions.

- (a) The net rates or prices in the contract shall determine the valuation of the extra work where such extra work is of similar character and executed under similar conditions as the work priced herein. Rates for all items, wherever possible should be derived out of the rates given in the priced BOQ.
- (b) The net prices of the original tender shall determine the value of the items omitted, provided if omissions do not vary the conditions under which any remaining items of works are carried out, otherwise the process for the same shall be valued under sub clause (c) hereunder.
- (c) Where the extra works are not of similar character and/ or executed under similar conditions as aforesaid or where the omissions vary the conditions under which any remaining items or works are carried out, then the contractor shall within 7 days of the receipt of the letter of acceptance inform the Architect/ Consultant of the rate which he intends to charge for such items of work, duly supported by analysis of the rate or rates claimed and the Architect/ Consultant shall fix such rate or prices as in the circumstances in his opinion are reasonable and proper, based on the market rate.
- (d) Where extra work cannot be properly measured or valued the contractor shall be allowed day work prices at the net rates stated in the tender of the BOQ or, if not, so stated then in accordance with the local day work rates and wages for the district; provided that in either case, vouchers specifying the daily time (and if required by the Architect/ Consultant) the workman's name and materials employed

be delivered for verifications to the Architect/ Consultant at or before the end of the week following that in which the work has been executed.

- (e) It is further clarified that for all such authorized extra items where rates cannot be derived from the tender, the contractor shall submit rates duly supported by rate analysis worked on the “market rate basis” for material, labour, hire/ running charges of equipment and wastages etc plus 15% towards establishment charges, contractor’s overheads and profit. Such items shall not be eligible for escalation.

5.45.0 FINAL MEASUREMENTS

The measurement and valuation in respect of the contract shall be completed within six months of the virtual completion of the work.

5.46.0 WORK BY OTHER AGENCIES

The SBI/Architect/Consultant reserves the rights to use premises and any portion of the site for execution of any work not included in the scope of this contract which it may desire to have carried out by other persons simultaneously and the contractor shall not only allow but also extend reasonable facilities for the execution of such work. The contractor however shall not be required to provide any plant or material for the execution of such work except by special arrangement with the SBI. Such work shall be carried out in such manners not to impede the progress of the works included in the contract.

5.47.0 SUBSTITUTION

Should the Contractor desire to substitute any materials and workmanship he/they must obtain the approval of the SBI/Architect/Consultant in writing for any such substitution well in advance. For materials designated in this specification by such term as “Equal” or “other approved” etc. specific approval of the SBI/Architect/Consultant shall be obtained in writing prior to execution.

5.48.0 PREPARATION OF BUILDING WORK FOR OCCUPATION & USE ON COMPLETION

The whole of the work will be thoroughly inspected by the Contractor and deficiencies/defects put right, all windows and doors cleaned including cleaning and oiling, if necessary of all hardware. All floors, staircases and every part of the building both inside & outside shall be left neat and clean as to ensure immediate occupation to the satisfaction of the SBI.

On completion of above, the contractor shall inform the SBI that he has completed the work and it is ready for inspection.

5.49.0 CLEANING SITE ON COMPLETION

On completion of the work the Contractor shall clear and remove from the site all construction plant, surplus materials, rubbish and temporary work of every kind and leave the whole of the site and the work clean and in workmanlike condition to the satisfaction of the SBI/Architect/Consultant.

5.50.0 DEFECTS AFTER COMPLETION

The Contractor shall make good from time to time at his own cost and to the satisfaction of the SBI/Architect/Consultant all defects, shrinkage, settlements or other faults, which may appear within 12(twelve) months after completion of the work and considered as the “defect liability period”. In default the SBI may employ and pay other persons to amend and make good such damages. Losses and expenses consequent thereon or incidental thereto shall be made good and borne by the Contractor and such damages, loss and expenses shall be recoverable from him by the SBI or may be deducted by the SBI, in lieu of such amending and making good by the Contractor deduct from any money due to the Contractor a sum equivalent to the cost of amending such work and in the event of the amount retained being insufficient recover the balance from the Contractor from the amount retained under these conditions together with any expenses the SBI may have incurred in connection therewith.

5.51.0 CONCEALED WORK

The Contractor shall give due notice to the SBI/Architect/Consultant whenever any work is to be buried in the earth, concrete or in the bodies of walls or otherwise become inaccessible later on, in order that the work may be inspected and correct dimensions taken before such burial. In default whereof, the same shall, at the option of the SBI/Architect/Consultant, be either opened up for measurements at the Contractor’s expenses or no payments

may be made for such materials. Should any differences or dispute arise after execution of any work as to measurements etc. or other matters which cannot be conveniently tested or checked the records of the SBI/Architect/Consultant shall be accepted as correct and binding on the Contractor.

5.52.0 ESCALATION

The rates 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, taxes, octroi etc. unless specifically provided for in this document.

5.53.0 IDLE LABOUR

Whatever the reasons may be, no claim for idle labour, additional establishment cost, hire and labour charges of tools and plants would be entertained under any circumstances.

5.54.0 SUSPENSION

- 5.54.1 If the Contractor, except on account of any legal restraint upon the SBI preventing the continuation of the work or in the opinion of the SBI shall neglect or fail to proceed with the due diligence in the performance of his part of the contract or if he shall more than once make default, the SBI shall have the power to give notice in writing to the Contractor requiring the work be proceeded within a reasonable manner and with reasonable dispatch, such notice purport to be a notice under this Clause.
- 5.54.2 After such notice shall have been given, the Contractor shall not be at liberty to remove from site of the work or from any ground contiguous thereto, any plant or materials to subsist from the date of such notice being given until the notice shall have been complied with. If the Contractor shall fail for 15 days after such notice has been given to proceed with the work as therein prescribed, the SBI may proceed as provided in Clause 5.37.0 (Owner's Right to Terminate the Contract).

5.55.0 SETTLEMENT OF DISPUTES AND ARBITRATION

Except where otherwise provided in the contract all questions and disputes relating to the meaning of the specifications, design, drawings and instructions hereinbefore mentioned and as to the quality of workmanship or materials used on the work or as to any other question, claim, right, matter or thing whatsoever in any way arising out of or relating to the contract, designs, drawings specifications, estimates, instructions orders or these conditions or otherwise concerning the work or the execution or failure to execute the same whether arising during the progress of the work or after the cancellation, termination, completion or abandonment thereof shall be dealt with as mentioned hereinafter:

- 5.55.1 If the contractor considers that he is entitled to any extra payment or compensation in respect of the works over and above the amounts admitted as payable by the Architect or in case the contractor wants to dispute the validity of any deductions or recoveries made or proposed to be made from the contract or raise any dispute, the contractor shall forthwith give notice in writing of his claim, or dispute to the Assistant General Manager (Premises & Estate) S.B.I., L.H.O. Bhopal and endorse a copy of the same to the Architect, within 30 days from the date of disallowance thereof or the date of deduction or recovery. The said notice shall give full particulars of the claim, grounds on which it is based and detailed calculations of the amount claimed and the contractor shall not be entitled to raise any claim nor shall the SBI be in any way liable in respect of any claim by the contractor unless notice of such claim shall have been given by the contractor to the Asst. General Manager (Premises & Estate) in the manner and within the time as aforesaid. The Contractor shall be deemed to have waived and extinguished all his rights in respect of any claim not notified to the Asst. General Manager (Premises & Estate) in writing in the manner and within the time aforesaid.
- 5.55.2 The Asst. General Manager (Premises & Estate) shall give his decision in writing on the claims notified by the receipt of the contractor. The contractor may within 30 days of the receipt of the decision of the Asst. General Manager (Premises & Estate)/Submit his claims to the conciliating authority namely the Circle Development Officer, S.B.I. L.H.O. Bhopal for conciliation along with all details and copies of correspondence exchanged between him and the Asst. General Manager (Premises & Estate).

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- 5.55.3 If the conciliation proceedings are terminated without settlement of the disputes, the contractor shall, within a period of 30 days of termination thereof shall give a notice to the concerned Chief General Manager of the SBI for appointment of an arbitrator to adjudicate the notified claims failing which the claims of the contractor shall be deemed to have been considered absolutely barred and waived.
- 5.55.4 Except where the decision has become final, binding and conclusive in terms of the contract, all disputes or differences arising out of the notified claims of the contractor as aforesaid and all claims of the SBI shall be referred for adjudication through arbitration by the Sole Arbitrator appointed by the Chief General Manager it will also be no objection to any such appointment that the Arbitrator so appointed is a Bank Officer and that he had to deal with the matters to which the Contract relates In the course of his duties as Bank Officer. 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 by the said Chief General Manager Such person shall be entitled to proceed with the reference from the stage at which it was left by his predecessor.
- 5.55.5 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 as aforesaid. It is a term of this contract that the party invoking arbitration shall give a list of disputes with amounts claimed in respect of each dispute along with the notice for appointment of arbitrator.
- 5.55.6 It is also a term of this contract that no person other than a person appointed by such Chief General Manager as aforesaid should act as arbitrator.
- 5.55.7 The conciliation and arbitration shall be conducted in accordance with the provisions of the Arbitration & Conciliation Act 1996 or any statutory or any accordance modification or re-enactment thereof and the rules made there under.
- 5.55.8 It is also a term of the contract that if any fees are payable to the arbitrator these shall be paid equally by both the parties. However, no fees will be payable to the arbitrator if he is a Bank Officer.
- 5.55.9 It is also a term of the contract that the arbitrator shall be deemed to have entered on the reference on the date he issues notice to both the parties calling them to submit their statement of claims and counter statement of claims. The venue of the arbitration shall be such place as may be fixed by the arbitrator in his sole discretion. The fees, if any of the arbitrators 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 any 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.
- 5.55.10 The Arbitrator shall be deemed to have entered into the reference on the date he issues notice to both the parties fixing the date of the first hearing.
- 5.55.11 The Arbitrator may from time, with the consent of the parties, enlarge the time for making and publishing the award.
- 5.55.12 The Arbitrator shall give a separate award in respect of each dispute or difference referred to him. The Arbitrator shall decide each dispute in accordance with the terms of the contract and give a reasoned award. The venue of arbitration shall be such place as may be fixed by the Arbitrator in his sole discretion.
- 5.55.13 The fees, if any, of the Arbitrator, shall if required to be paid before the award is made and published, be paid half and half by each of the parties. The cost of the reference and of the award including the fees if any of the Arbitrator who may direct to and by whom and in what manner, such costs or any part thereof shall be paid and may fix or settle the amount of costs to be so paid.

5.56.0 POWER SUPPLY:

The contractor shall make his own arrangement for power and supply/ distribution system for driving plant or machinery for the work and for lighting purpose at his own cost. The cost of running and maintenance of the plants are to be included in his tender prices. He shall pay all fees and charges required for the power supply and include the same in his tendered rates and hold the owner free from all such costs. He has to obtain necessary approvals from the appropriate authorities, if required.

5.57. WATER SUPPLY:

The contractor shall make his 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 shall be fit for construction purpose to the satisfaction of the Architect/ Consultant.
- ii. The Contractor shall make alternative arrangements for the supply of water if the arrangements made by the Contractor for procurement of water in the opinion of the Architect/ Consultant is unsatisfactory.

5.57.1 The Contractor shall construct temporary well/ tube well in SBI land for taking water for construction purposes only after obtaining permission in writing from the SBI. The contractor has to make his own arrangements for drawing and distributing the water at his own cost. He has to make necessary arrangements. To avoid any accidents or damages caused due to construction and subsequent maintenance of the wells. He has to obtain necessary approvals from the local authorities, if required at his own cost. He shall restore the ground to its original condition after wells are dismantled on completion of work or handover the well to the SBI without any compensation as directed by the Architect/ Consultant.

5.58.0 APPROVED MAKES:

The contractor shall provide all materials from the list of approved makes. The architect/ consultant / SBI may approve any make / agency within the approved list as given in the tender.

5.59.0 TREASURE TROVE ETC.

Any treasure trove, coin or object antique which may be found on the site shall be the property of SBI and shall be handed over to the Bank immediately.

5.60.0 METHOD OF MEASUREMENT

Unless otherwise mentioned in the schedule of quantities or in mode of measurement, measurement will be on the net quantities or work produced in accordance with up to date. RULES LAID DOWN BY THE Bureau of Indian Standards. In the event any dispute/ disagreement the decision of the Architect/ Consultant shall be final and binding on the contractor.

5.61.0 MAINTENANCE OF REGISTERS

The contractor shall maintain the following registers as per the enclosed format at the site of work and should produce the same for inspection of SBI/ Architect/ Consultant whenever desired by them. The contractor shall also maintain the records/ registers as required by the local authorities/ Government from time to time.

- i. Register for secured advance
- ii. Register for hindrance to work
- iii. Register for running account bill
- iv. Register for labour

5.62.0 PRICE VARIATION ADJUSTMENT (PVA) FOR ALL MATERIALS (INCLUDING CEMENT & STEEL) & LABOUR

(Applicable only for completion period beyond 12 months)

In partial modification of the provisions made elsewhere in this contract regarding rate quoted being not subject to any variations, price adjustments to the value of work payable to the Contractor at tendered rates shall be made towards variations in the prices of materials and labour in the manner specified hereunder:-

If, after written order to commence the work and during the operative period of this contract including any authorized extensions of the original stipulated completion period:-

- (a) There be any variation in the Consumer Price Index- General Index- for industrial workers (Base 1982=100) (source- data published from time to time Indian Labour Journal by the Labour Bureau, Government of India);

OR

- (b) There be any variation in the All India Wholesale Price Index for all commodities (Base 1993-94= 100)

(as publishes from time to time in the RBI Bulletin based on the date issued by the Office of the Economic Advisor to the Government of India);
Price Variation Adjustment (PVA) towards (1) Labour Component and (2) Material Component shall be calculated in accordance with the formula A and B respectively, given below, subject to stipulations herein under mentioned:-

FORMULA (A) FOR LABOUR:

$$VM = (0.85 P) \times (K1/100) \times [(C1-C0)/CO]$$

FORMULA (B) FOR MATERIAL:

$$VM = 0.85 \times (P-Y) \times (K2/100) \times [(I1-I0)/10]$$

Where-

VL= Amount of Price variation Adjustment

Increase or decrease in rupees due to labour component

VM= Amount of Price variation Adjustment

Increase or decrease in rupees on account of materials component

NOTE: Bill period (noted hereunder) signifies the period of actual execution and not date of measurement or preparation of bill.

P= Cost of work done during the period under consideration (bill period) excluding advances on materials and/ or adjustments thereof.

Y= Cost of any other materials supplied/ arranged by the bank at fixed price during the period under consideration (bill period)

K1= Percentage of labour component calculated as indicated in Note (1) below.

K2= percentage of materials component as indicated in Note (2) below.

C0= Consumer Price Index – GENERAL Index Number for industrial workers (Base 1982 = 100) referred to at (a) above, ruling on the last due date of receipt of tenders, and as applicable to the centre, nearest to the place of work, for which the index is published.

C1= Average of above mentioned Consumer price index number during the period under consideration (bill period)

I0= All India Wholesale Price Index number for all commodities referred to at (b) above, ruling on the last date for receipt of tenders and as applicable to the centre, nearest to the place of work for which the index is published.

I1= Average of above mentioned monthly all India Wholesale Price Index Numbers during the period under consideration (bill period)

NOTE (1): K1 shall be taken as under:-

Component of work	K1
(a) Civil work including ancillary works and external work and RCC/ tanks, septic tanks, etc if any of sanitary and plumbing work	30
(b) Sanitary and plumbing works including fittings and fixtures (internal work only)	20
(c) Electrical installations work including fittings and fixtures (external and internal works)	20

NOTE (2): K2 shall be taken as under:-

Component of work	K2
(a) Civil work including ancillary works as detailed under Note (1) (a) above	70
(b) Sanitary and plumbing works including fittings and fixtures as detailed under note(1)(b) above	80
(c) Electrical installations work including fittings and fixtures as detailed under note(1)(c) above	80

Stipulations:

(A) PVA Clause is operative either way i.e. if the variations in the above referred price indices are on the plus side, PVA shall be payable to the contractor and if they are on the negative side PVA shall be recoverable from the contractor for the respective bill period of occurrence of fluctuations.

(B) The rates quoted by the Contractor shall be treated as firm for the value of work required to be done in first 2 months of the contract period from the date of return order to commence work and no PVA is admissible on the same on any grounds whatsoever. The value of work required to be done during the first 12 months of the contract period shall be taken as 80% of the value of work to be done on pro- rata basis in 12 months as compared to the total stipulated completion period. No PVA is admissible on the value of work required to be done in first 12 months as worked out above, even if this value of work is actually done in a period longer than 12 months. However, in case of any delay in the first 12 months due to genuine reasons which are not attributable to contractor and which are beyond his control, such period of delay will be deducted from 12 months, and the value of work to be done will be 80% of the pro-rata value of work to be done in such reduced period on pro- rata basis.

(C) (i) For works where the original stipulated period of completion is not more than 12 months, no PVA whatsoever is permissible under this clause. However, if the period of completion is delayed beyond 12 months on account of genuine reasons which are not attributable to the contractor and which are beyond his control, PVA will be admissible on the value of work done only in excess of value of work required to be done on pro- rata basis in the first 12 months minus the period of such genuine delay.

(ii) For purpose of admissibility of PVA all the cumulative period of extensions granted for a reasons which are solely attributable to the contractor is excluded from the total extended period of contracts and PVA shall not be admissible on the value of work done during such period of extensions, which are granted for keeping the contract current, but only due to reasons for which the contractor was solely responsible. Periods of extensions granted on account of genuine reasons which are not attributable to the contractor and which are beyond his control will however, be included in the period for which PVA is admissible.

(iii) Notwithstanding anything to contrary mentioned in any other clause/ clauses of the contract, extensions of the contract period shall be granted by the Architect only with prior approval of the Bank. Extensions granted by the Architect without Bank's prior approval shall not bind the Bank for payment of PVA for work done in the concerned period of extensions.

(D) (i) Where the total cost of work done beyond the value of work required to be done in first 12 months (vide note (B) and (C) above) does not exceed Rs. 50 Lacs the total amount of PVA worked out on the basis of provisions of forgoing stipulations will be limited to an upper ceiling of 10% of such value of work done in excess of value of work required to be done in the first 12 months, minus the cost of any materials issued / arranged by the Bank at the fixed price i.e. $P - Y$ (these terms being as per definitions given formulae A and B above).

(ii) Where the total value of work done beyond the value of work required to be done in the first 12 months exceeds Rs. 50 lacs, the PVA on the first Rs. 50 lacs will be calculated as provided for in the forgoing para and for the balance value of work done for which PVA is admissible subject to forgoing conditions, the PVA will have the upper ceiling of 10% but it will be worked out at a lower rate i.e. 80% of the amount worked out as per the formulae A and B referred to earlier.

(E) In working out the amount of PVA as per all the forgoing stipulations, value of such extra items or such portions of extra items the rates of which are derived from prevailing market rates of material and labour will not be included in the value of work done. Value of such extra items or such portions of extra items, rates of which are derived entirely from tendered rates will be included in the value of work on which PVA is calculated.

(F) For claiming the payment for PVA the contractor shall keep such books of accounts and other documents, vouchers receipts etc. as may be required by the Bank/ Architect, for verification of the increased claims or reduction to be made as the case may be and he shall also allow Engineers and / or

other duly authorized representatives of the Bank/ Architects and furnished such information as may be required or called for to enable verification of the claim within a week of such request.

(G) The contractor is required to submit the Bank, through the Architect, his claims for PVA separately for each running Bill for the individual bill periods for the work paid to him by the Bank. He will also be required to submit detailed calculations in support of the claims.

(H) No claim will be entertained from the contractor for interest on any other grounds for non- payment or for any delay in payment of PVA due to late publication or non- availability of the necessary price indices or due to delay in preparations of the Running or Final Bills.

(I) In view of adjustments of variations in process of materials and labour which have been covered in this clause no other adjustment for any reason whatsoever like statutory measures, taxes, levies, etc. will be allowed.

5.63.0 FORCE MAJEURE

5.63.1 Neither contractor nor SBI shall be considered in default in performance of their obligations if such performance is prevented or delayed by event such as war, hostilities, revolution, riots, civil commotion, strike, lockout, conflagrations, epidemics, accident, fire, storms, floods, droughts, earthquakes or ordinances or any act of god or for any other cause beyond the reasonable control of the party affected or prevented or delayed. However a notice is required to be given within days from the happening of the event with complete details, to the other party to the contract, if it is not possible to serve a notice, within the shortest possible period without delay.

5.63.2 As soon as the cause of force majeure has been removed the party whose ability to perform its obligations has been affected, shall notify the other of such cessation and the actual delay incurred in such affected activity adducing necessary evidence in support thereof.

5.63.3 From the date of occurrence of a case of majeure obligations of party affected shall be suspended during the continuance of any inability so caused. With the cause itself and inability resulting therefrom having been removed, the agreed time of completion of respective obligations under this agreement shall stand extended by a period equal to the period of delay occasioned by such events.

5.64.4 Should one or both parties be prevented from fulfilling the contractual obligations by state of force majeure lasting to a period of 6 months or more the two parties shall mutually decide regarding the future executions of this agreement.

5.64.0 LOCAL LAWS, ACTS, REGULATIONS

The contractor shall strictly adhere to all prevailing labour laws inclusive of contract labour (regulation and abolition act of 1970) and other safety regulations. The contractor shall comply with the provision of all labour legislation including the latest requirements of all Acts, laws, any other regulations that are applicable to the execution of the project.

- (i) Minimum Wages Act, 1948 (Amended)
- (ii) Payment of Wages Act 1936 (Amended)
- (iii) Workmen's Compensation Act 1923 (Amended)
- (iv) Contract Labour Regulation and Abolition Act 1970 and Central Rules 1971 (Amended)
- (v) Apprentice Act 1961 (Amended)
- (vi) Industrial Employment (Standing Order) Act 1946 (Amended)
- (vii) Personal Injuries (Compensation Insurance) Act 1963 and other modifications
- (viii) Employees' Provident Fund and Miscellaneous Provision Act 1952 and amendment thereof
- (ix) Shop and Establishment Act
- (x) Any other Act or enactment relating thereto and rules framed thereunder from time to time.

5.65.0 SAFETY CODE: - SAFETY MEASURES TO BE FOLLOWED AT SITE:

1. All personnel at site should be provided with Helmets and Safety Boots with some Identification Mark. Visitors also should be provided with Helmets. It should be ensured that these are used properly.
2. First Aid Box should be kept at site all requisite materials.

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3. No one should be allowed on inspect/ work at a height without Safety Belt.
 4. 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 as 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).
 5. Scaffolding or staging more than 3.5 metres above the ground or floors, swung or suspended from an overhead support or erected with stationary support shall have a guard rail properly attached, bolted, braced and otherwise secured at least 1 meter 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 openings as may be necessary for the delivery of materials. Such scaffolding or staging shall be so fastened as to prevent inform swaying from the building or structure.
 6. Working platforms, Gangways, and Stairways should be so constructed that they do not sag unduly or unequally, and if the height of the platform or the gangway or the Stairway is more than 3-5 Meters above ground level or floor level they should be closely boarded, should have adequate width and should be suitably fenced, as described.
 7. 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 1 Meter.
 8. 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 Metres in length while the width between side rails in rung ladder shall in no case be less than 30 cms for ladder up to and including Metres in length. For longer ladders this width should be increased at least 6mm for each additional 30 cms. Uniform step spacing shall not exceed 30 cms.
 9. Adequate precautions shall be taken to prevent danger from electrical equipments. For electrical on line works gloves, rubber mats, and rubber shoes shall be used.
 10. All trenches 1.2 Metres or more in depth shall at all times be supplied with at least one ladder for each 30 Metres length or fraction thereof. Ladder shall be extended from bottom of the trench to at least 1 Meter above the surface of the ground. The sides of the trenches, which are 1.5 Metres 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 collapsing. The excavated materials shall not be placed within 1.5 metres of the edge of the trench or half of the depth of the trench whichever is more cuttings shall be done from top to bottom. Under no circumstances undermining or under cutting shall be done.
 11. 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 electrical 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 or fire or explosion or flooding. No floor, roof or other part of the building shall be so over- loaded with debris or materials as to render it unsafe.
 - d) All necessary personal safety equipment as considered adequate by the Site Engineer should be kept available for the use of the persons employed on the Site and maintained in a condition suitable for immediate use; and the other Contractor should take adequate steps to ensure proper use of equipment by those concerned.
 - e) Workers employed on mixing Asphaltic materials, cement and lime mortars shall be provided with protective footwear and protective goggles.

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- f) Those engaged in white washing and mixing or stacking of cement bags or any materials which is injurious to the eyes shall be provided with protective goggles.
 - g) Those engaged in welding works shall be provided with Welder's protective eye- shields.
 - h) Stone breakers shall be provided with protective goggles and protective clothing and seated at sufficiently safe intervals.
 - i) When workers are employed in sewers and manhole covers are opened and are 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 and boards to prevent accident to the Public.
12. Use of hoisting machines and tackle including their attachments, anchorage and support shall conform to the following standard or conditions:-
- a) These shall be good mechanical construction, sound material and adequate strength and free from patent defect and shall be kept in good repairs 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.
 - c) 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 scaffold, winch or give signals to the operator.
 - d) In case of every hoisting machine and of every chain ring hook, shackle swivel and pulley block used in hoisting or lowering or as means of suspension the safe working load shall be ascertained by adequate means.
 - e) Every hoisting machine and all gear referred to above shall be plainly marked with the safe working load. In case of joisting machine having a variable safe working load, each safe working load of the conditions under which it is applicable 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.
 - f) Motor, Gearing, transmission, Electric wiring and other dangerous parts of 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.
 - g) When workers are employed on electrical installation, which are already energized, 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 good conductors of electricity.
13. All scaffolds, ladders and other safely devices, mentioned or described herein shall be maintained in safe condition and no scaffold, ladder or equipment shall be altered or removed while it is in use. Adequate washing facilities shall be provided at or near places of work.

5.66.0 ACCIDENTS

The contractor shall immediately on occurrence of any accident at or about the site or in connection with the execution of the work report such accident to the Architect/Consultant. The contractor shall also report of immediately to the competent authority whenever such report is required to be lodged by the law and take appropriate actions thereof.

BANK'S BUILDING PROJECTS – MAINTENANCE OF RECORDS

A.	Registers at the site office of the Bank's Engineer:
1	Measurement Books.
2	Cement Register (Daily Records).
3	Steel Register.
4	Steel Consumption Register – Bill wise.
5	Drawings register.
6	Materials at site register.
7	Hindrance register.
8	Concrete cube Test Register.
9	File and Register for extra/variation items.
10	Materials test Register and File.
11	Site Order Book (in triplicate.)
12	Lead caulking Register.
13	Labour Reports and progress Reports Register.
14	Site Visit & Instructions Register.
15	Certified true copies of the contracts.

SECTION-VI: TECHNICAL SPECIFICATIONS

6.1.0 MATERIALS

- 6.1.1 Materials shall be of approved quality. A list of materials of Approved Brand and manufacturer is indicated in the list of materials of Approved Brand and/or Manufacture. The list is given to ensure the standard of quality and performance.
- 6.1.2 Contractors shall obtain approval of representative of the SBI/Architect/Consultant on sample of all materials before placing order and the approved sample shall be carefully preserved in an appropriate manner at the site office for verification by the representative of the SBI/Architect/Consultant.
- 6.1.3 For standard bought out items, the sizes manufactured by the firm listed shall prevail in case of discrepancy with the sizes mentioned in the schedule without any financial adjustment.
- 6.1.4 Materials shall be tested at site/any approved Testing Laboratory. The Laboratory Test Certificate in original shall be submitted to the representative of the SBI/Architect/Consultant. Test results are also to be recorded at site registers appropriately.
- 6.1.5 Wherever work as per manufacturer's specification is indicated, it will be obligatory on the part of the Contractor to submit manufacturer's specification to the Architect/Consultant/SBI. The quoted rates shall be deemed to include for the complete work specified by the manufacturer even though not specifically mentioned in the schedule of items. Moreover the quoted rates shall be deemed to include for the complete work specified by the manufacturer even though not specifically mentioned in the schedule of items.
- 6.1.6 It shall be obligatory for the contractor to furnish certificates, if demanded by the representative of the SBI/Architect/Consultant, from manufacturer or the material supplier stating that the work has been carried out by using their material.
- 6.1.7 All materials supplied by the representative of the SBI/Architect/Consultant /any other specialist firm shall be properly stored and the Contractor shall be responsible for its safe custody until they are required on the works and till the completion of work.
- 6.1.8 All equipments and facilities for carrying out field tests on materials shall be provided by the Contractor without any extra cost.
- 6.1.9 Unless otherwise shown on the Drawings or mentioned in the "Schedule of Quantities" or anyway in the contract, the quality of materials, workmanship, dimensions etc. is annexed

6.2.0 TECHNICAL SPECIFICATIONS FOR INTERIOR FURNISHING WORKS WITH ASSOCIATED CIVIL AND OTHER MISCELLANEOUS WORKS

Note: Product with ISI stamp shall have to be provided where available, in case of non-availability of such stamping for a particular product Architect's/Consultant's/SBI's decision as per list of material or otherwise shall be final and binding.

6.2.1 Wood Work

6.2.1.1 Teak Wood

Teak wood shall be of the best quality available in India. It should be well seasoned and free from sap, knots, warps, cracks and other defects. All woodwork shall be placed neatly and truly finished to the exact dimension. All joints shall be neat and strong, truly and accurately fitted and glued before being fitted together.

6.2.1.2 Veneers and Plywood

The veneers and the ply wood shall conform to the IS: 851 and IS:303 respectively. It shall be resin bonded suitable for intended use. The contractor shall submit approved samples at the Architect's/Consultant's site office.

6.2.1.3 Phenol bonded Ply Wood

Commercial plywood, decorative plywood conforms to IS: 303/1975 bonded with phenol formaldehyde synthetic resin of B.W.R type as specified in IS: 846/1974 of approved make should be used.

6.2.1.4 Phenol Bonded Block Board

Commercial block board conforming to IS:1659/1979 bonded with phenol formaldehyde synthetic resin of IS:840/1974 of approved make should be used.

6.2.1.5 Phenol Bonded Teak Particle Board

Commercial Particleboard conforming to IS 3097 – 1980 exterior grade, bonded with BWP type phenol formaldehyde synthetic resin. All edges of the particleboard to be painted with one coat of chlorinated paint of approved shade, make and quality. The particleboard should be of approved make.

6.2.1.6 Phenol Bonded Prelaminated Particle Board

Prelaminated particle board should be 3 layered melamine faced conforming to IS: 12823 of latest edition also conforms to DIN: 68765 NEMA LD-3. Market leaders in prelaminate boards over a decade, BIS Licenses of ES-3087 for plain particle boards since 1980. All edges of the board to be painted with one coat of chlorinated paint of approved shade and quality. The prelaminate particleboard should be of approved make with ISI mark.

6.2.1.7 Decorative Laminates

Laminate sheets shall be 1 mm or 1.5mm (as per design requirements or as specified in the respective items) thick with +0.3 mm tolerance and obtained from approved manufacturers and samples should have approval of the Architect/Consultant/SBI.

6.2.1.8 Wooden Flush Door Shutters

(Solid Core Type): Solid core flush door shutters shall be commercial or teak veneered type as specified in the item of approved manufacturer registered with ISI and shutter shall bear ISI mark. An approved sample shall be deposited in the office of the Architect/Consultant/SBI at site for reference. The shutter will be provided with lipping. Finished thickness of the shutter shall be as mentioned in the item. Shutters should be not pressed and phenol formaldehyde should be used as glue.

6.2.1.9 Hardware Fittings

All hardware fittings for doors shall be oxidized iron, brass, and anodized aluminum as specified in the schedule of quantities. These hardware fittings shall be obtained from approved manufacturers and shall bear ISI mark wherever available. The samples for the fittings shall be submitted to the Architect/Consultant/SBI for their approval. Hardware fittings for door shutters shall be paid in door shutters item or separately as given in schedule of quantities. No separate payment shall be made for hardware fittings if not mentioned otherwise in the schedule of quantities. The rate for hardware fittings shall include for supplying, fitting and fixing the fittings with necessary cadmium plated screws, washers bolts, nuts etc. as required. All locks shall be provided with keys in duplicate and rate shall include for the same. Approved samples of hardware fittings shall be deposited with the Architect/Consultant/SBI for reference.

6.2.2 Workmanship

The workmanship shall be first class and to the approval of the Architect/Consultant/SBI. Scantlings and board shall be accurately sawn and shall be of required width and thickness. All carpenter's work shall be wrought except where otherwise described. The workmanship and joinery shall be accurately set out in strict conformity according to the drawings and shall be framed together and securely fixed

in approved manner and with properly toned, shouldered, wedged, pinned, braced etc. and properly glued with approved quality glue to the satisfaction of the Architect/Consultant/SBI.

6.2.2.1 Screws:

Unless otherwise specified, all screws to be used in woodwork and joinery shall be cadmium plated and of approved quality. The size (diameter and length) should conform to those specified in hardware schedule.

6.2.2.2 Tolerance:

1.5 mm (1/16") will be allowed for each wrought face of sizes specified except where described as finished in which case they shall hold to the full dimensions.

6.2.2.3 Protection:

All edges of timber etc. shall be protected from being damaged during construction by providing rough timber casing securely fixed and other adequate protective measures.

If it is decided by the Owner to provide anti-termite treatment the Contractor shall co-ordinate his work suitably as directed by the Architect/Consultant/SBI.

Door/Window frames shall have cut rebate. Planted rebates shall not be permitted.

Where door frames are fixed flush with plaster to wall, teak wood cover mould as per drawings shall be provided all-round and shall be painted or polish finished to match with finished shutters. This will be paid as a separate item as described in Schedule of Quantities.

6.2.3 Rates To Include

Apart from other factors mentioned elsewhere in this contract the rate for item of wood work and joinery shall include for the following: -

6.2.3.1 Items of Scantling:

All labour, materials and equipments for fixing framework as per drawing excluding the cost of holdfasts, Rawl Plugs, or other fasteners etc

6.2.3.2 Items of Shutters:

6.2.3.2.1 All labour, materials, hardware fittings and equipments for carrying out the work as per drawing.

6.2.3.2.2 Labour for fixing the shutters in position (excluding the cost of fittings) as per drawing.

6.2.4 Mode Of Measurement

6.2.4.1 All measurements shall be as per relevant section of I.S. 1200 of latest edition

6.2.4.2 Scantling shall be measured in cum. The sectional area shall be the area of the least square or rectangles from which the scantling may be cut. The length shall be actual length of timber required for the purposes including the extra portion required for joining.

6.2.4.3 Shuttering shall be measured in square meter for closed-door shutters area i.e. rebate without extra measurement for rebates and/or splayed meeting styles of door.

6.2.5 Plastic Emulsion Paint

6.2.5.1 Material:

The emulsion paint and primers in general shall be of approved quality, colour and shade of approved manufacturers.

6.2.5.2 Scaffolding:

This shall be double or single as required and directed. If ladders are used, pieces of gunny bags or cloth bags shall be tied on their taps to avoid damage or scratches to the plastered surfaces etc. Proper stage scaffolding shall be erected when painting the ceiling.

6.2.5.3 Preparation of the Surface:

The surface to be painted shall be cleaned and all cracks, holes and surface defects shall be repaired with plaster of paris for spot filling, and with filler prepared with whiting, water and a little quantity paint for filling and leveling the wider areas.

6.2.5.4 Priming Coat:

The priming coat of the cement primer of approved quality, make and shall be applied over the completely dry surface in the manner as recommended by the paint manufacturers.

6.2.5.5 Application of Emulsion Paint:

The recommendation of the approved manufacturer, whose product is used, shall be followed regarding the preparation of the surface and the application of the priming and finishing coat. The Contractor shall arrange for technical assistance and supervision from the paint manufacturer, during the execution of the painting work. After the priming coat has been applied and perfectly dried all holes, scratches, if any, shall be repaired as mentioned in preparation of surface and then the second coat of approved shade and manufacturer shall be evenly applied and allowed to dry. The third coat shall be carefully applied to achieve smooth and even surface after the previous coat has dried up. Minimum 3 coats of paint shall be applied inclusive of primer coat. If a proper and even surface is not obtained to the satisfaction of the Architect/Consultant/SBI in 3 coats the Contractor shall carry out additional coats of painting to approval, at contractor's expenses. Care shall be taken that dust or other foreign materials do not settle or disfigure the various coats.

6.2.5.6 Rates to include:

Apart from other factors mentioned elsewhere in this contract the rates for the item of plastic emulsion paint shall include for the following: - All labour, materials and equipments necessary to carry out the work. Supplying the approved emulsion paint for primer and finishing coats. Preparing the surface for receiving the primer and finishing coats. Scaffolding including its erections and dismantling. Application of one primer coat and minimum two coats of finishing. If a proper and even surface is not obtained to the satisfaction of the Architect/Consultant/SBI in 3 coats mentioned above the Contractor shall carry out additional coats of painting to approval at contractor's expense. Protection to painted surface till dried and handed over. Expense, if any, for supervision and technical assistance supplied by the approved paint manufacturer

6.2.5.7 Mode of Measurement:

The measurement shall be in square meter. The mode of measurement shall be as per relevant section of I.S. 1200 latest revision.

6.2.6 Painting And Polishing: Painting:

6.2.6.1 Material:

Ready mixed oil paints and primer in general shall be of approved quality, colour and of approved manufacturer. These materials shall be in sealed container and shall be opened in the presence of the Architect/Consultant/SBI at sit.

6.2.6.2 Preparation of Surface Iron and Steel Works:

Surface to be painted shall be thoroughly cleaned, sand papered and/or rubbed with emery cloth. If necessary, to remove grease, mortar or any other foreign materials. In case of rusted surface, it shall be first cleaned with wire brushes till the corroded rust is removed. The prepared surface shall be shiny and free from brush marks, patches, blisters and other irregularities. The surface thus finished shall be got approved for painting.

i) Wood Work:

All surface to be painted shall be thoroughly cleaned, sand papered and removed of all foreign materials. In case of surfaces having knot and nail holes, this shall be filled with knotting and stopping materials. The knotting materials shall consist of pure shellac dissolved in methylated spirit. Stopping materials shall consist of putty. The surface thus treated shall be allowed to dry and then papered smooth.

ii) Application:

After preparing the surface, a primer coat shall be applied. The primer coat shall be ready mix of approved make and manufacturer. After the primer coat is applied and perfectly dried, all holes, cracks, etc. which shall remain, shall be filled in with putty and the surface sand papered smooth. Then a second coat of paint of approved shade and manufacturers shall be evenly applied and allowed to dry. The third coat shall be carefully applied to achieve smooth and even surface after the previous coat has dried up. Minimum 3 coats of paint shall be applied inclusive of a primer coat. If a proper and even surface is not obtained to the satisfaction of the Architect/Consultant/SBI in 3 coats, contractor shall carry out additional coats of painting to approval at contractor's expenses. Care shall be taken that dust or other foreign materials do not settle or otherwise disfigure the various coats.

iii) Rates to include:

Apart from other factors mentioned elsewhere in this contract, the rate for the item of painting shall include for the following: -

- All labour, materials equipment necessary to carry out the work.
- Supplying the approved paint for priming and finishing coats.
- Preparing the surface including knotting and stopping for receiving the priming and finishing coats.
- Scaffolding including its erection and dismantling.
- Application of at least one primer coat and two coats of finishing for woodwork and at least two finishing coats for steel work unless otherwise specified. If a proper and even surface is not obtained to the satisfaction of the Architect/Consultant/SBI, contractor shall carry out additional coat of painting to approval at contractor's expense.
- Protection to painted surface till dried and handed over.
- Mode of Measurement: Painting to woodwork and steel shall be measured
- Separately as per I.S 1200 (Part XV) of latest edition.

iv) French Polishing:

French Polish to be used shall comply with I.S 348 of latest edition in the requirements of quality.

Before French polish is applied, the surface of woodwork shall be prepared in the same manner as for painting. The wood to be polished should be first painted with filler composed of one part whiting mixed 0.53 part of methylated spirit. After drying, it should be finely sand papered.

On the work thus treated, a thin coat of French polish shall be applied and allowed to dry. After drying, the surface shall be lightly rubbed with a fine sand paper prior to the second and third coats. The surface shall show an even polished surface and be approved by the Architect/Consultant/SBI.

Rates to include: Similar to that of painting.

Mode of measurement: Similar to that of painting.

v) Melamine Coating

The materials shall be of approved brand for wood finish. The application has to be made using sprayer and as per manufacturer's specification.

The surface to be used shall be sand papered using Emery Paper No. 180 or any suitable grade along the grains. After brushing the surface free of loose dust wood filler shall be applied. Excess filler shall be removed immediately. Allow a gap of 1 hr if second coat is required. On drying of the filler, after, after 8 hrs the surface is to be sand papered again with Emery paper No. 180/220 and the surface is brushed free of loose dust. Sealer coat as per manufacturer's specification is then applied in two coats & then sand papered with Emery paper

No. 240 & finally with Emery paper No. 400 & cleaned thoroughly. Final finish coat is then applied on the finished surface after mixing the base and harder in a container and allowing the mix to stand for 30 minutes and then applied.

Rates to include; Similar to that of painting including cost for applying by spray machine.

vi) N.C. Lacquer

N.C. Lacquer should be of approved brand & quality; approval of the Architect/Consultant is obligatory.

Before application of N.C. lacquer, the surface is to be polished using white lac only. The surface should be polished as per desired shade. Fillers used during polishing be N.C. putty only. N.C. lacquer shall be applied uniformly by spraying machines using 1:1 (N.C. lacquer to N.C. thinner) on dust free surface and shall be allowed to dry for minimum 12 hours in fair weather condition. The drying time may have to be increased in moist atmosphere condition. After drying, the lacquered surface should be rubbed with muslin cloth. No other treatment on the lacquered surface should be made once it is completed.

Rates to include: Similar to that of painting.

Mode of measurement: Similar to that of painting.

g) Glass

Glass used shall be clean and/or tinted or toughened as mentioned in the Schedule of Quantities and of the best quality approved by the Architect/Consultant/SBI without any scratches, bubbles, specks, waviness, undulations or any other defects, unless otherwise specified all glass shall be as shown on the drawings. The glass used shall be toughened glass with beveled edges etchings etc. as per requirement and indicated in the drawings and BOQ and is to be got approved by the Architect/Consultant/SBI. Glass shall be well protected from any damage during transportation, storage and progress of work. Any glass which in the opinion of the Architect/Consultant/SBI is not suitable for work shall be rejected and the contractor shall replace the glass with an approved one.

h) Loose Furniture

The Contractor shall make one sample of each furniture item as per drawing and specification provided by the Architect/Consultant for the final approval of the Architect/Consultant/SBI. The bulk production can be taken in hand as soon as the sample is approved and finalized. No extra charges shall be payable for any alteration/modification done in the sample furniture item and also for rejected samples. All upholstery work is to be done in the best workmanship manner to the entire satisfaction of the Architect/Consultant/SBI. The decision taken by the Architect/Consultant for the approval of the sample shall be final and binding on the contractor. Brass or aluminum cushion vents to be installed at the back seat or underside of seat cushion as per direction of the Architect/Consultant/SBI and contractor's quoted rates should include the same.

i) Chairs

All cantilevered chairs have slightly reinforced tubular structure to resist static and impact loads inflicted on the same in day-to-day use. The tubular framework is to be made strong and resilient to ensure that the same does not loose its shape after prolonged use as it often happens in case of cheaper chairs of other make. The above is to be achieved by using 25mm steel tubing of 1.6mm thickness. Additional tubes of slightly lower diameter and the same thickness are used as inserts for providing reinforcement of all 4 bends of the chair. The total length of additional reinforcement tubing is 1.25mm. Wooden seats, backs, armrests, plastic canes and cushions.

j) Carpet

Supply and laying of different quality as per BOQ and drawing i.e. woolen/synthetic/acrylic type, designed or plain carpet fixing to floor as per location and type as directed in the drawing and specification of Bill of Quantities with manufacturer's specification complete with necessary work. Prior to fixing, sample and manufacture shall be approved by the Architect/Consultant/SBI. The fixing should be made as per manufacturer's specification. Rate should be inclusive of labour, materials inclusive of backing cushion materials, unless otherwise separately included in BOQ, end stitching and all other associated works as per direction, complete in all respect. Payment should be made as per actual floor area. No payment shall be made against any sorts of wastage.

k) False Ceiling

G.R.G. Ceiling

i) Composition

The GRG range of ceiling tiles are manufactured from glass reinforced gypsum and comprise non-combustible gypsum casting plaster reinforced with a glass fiber membrane resulting in a light weight, strong and prestressed panel.

ii) Surface Finish

The plaster should have a silky smooth textured moulded finish.

iii) Dimensions

All designer tiles are to be designed for installation on a standard 600x600 mm moulded 24 mm table exposed metal grid and are precision made to within plus or minus 0.25 mm.

iv) Fire performance

- Non-combustibility: GRG tiles are rated non-combustible as defined in BS 476:Part-4: 1970.
- Surface spread of Flame: GRG tiles are rated Class-1 for surface spread of flame to BS 476-7:1987.
- Fire propagation: Test results to BS 476:Part 6:1989 indicate a Class-0 surface.
- Smoke and toxic fume emission: The tiles are zero rated for smoke emission. No toxic fumes are given off.

v) Humidity Resistance

The tiles have excellent moisture resistance and can be used in areas of high humidity including covered external areas, kitchens and bathrooms. Tested in an atmosphere of 95% R.H. at 21 degree C for 14 days, the tiles did not sag or distort and showed only a minimal increase in weight.

Unlike most other ceiling materials, this important attribute can often be used to speed up the building program by installing the ceiling before the building is fully weather tight.

vi) Biological

GRG tiles will not support the growth of bacteria or other microorganisms. Lifespan Under normal conditions GRG tiles will not deteriorate and can be expected to last the lifetime of the building.

vii) Suspension

Suspension system is standard 24 mm table exposed metal grid. GRG exposed metal grid systems are designed for maximum strength. The grid features main runners and cross tees roll-formed from galvanized steel to RS 2989 7-18 zinc coating. Min. tensile strength 270 Mpa. Grid systems are designed to satisfy ASTM C635 loading and deflection criteria. The main and cross runners are provided with bayonet couplings for quick installation. The runners are pre-slotted to construction variety of layouts. Main and cross runners are provided with a coil coated steel capping on the exposed table in off-white colour. Capping in other colours is available on request.

Grid system features main and cross tees 38mm high. The grid is suspended from the roof with G1 wire rods or quick adjustment suspension hangers at maximum 1200 mm along the main runners.

GRG tiles are designed for lay-in mounting from below into standard grid.

Tiles grid suspension systems are made in association with Chicago Metallic. Belgium.

viii) Site Work (Transport, Handling and Storage)

GRG tiles are supplied packed in cardboard carton. Cartons should be transported and stacked in the vertical position only, never flat. The stack should be a maximum of three cartons high. Similarly, tiles should be stacked vertically when waiting fixing.

ix) Installation

Main tees normally are fixed at 1200 mm centers with hangers every 1200 mm along the length of the tee. The tees would be in filled with 1200 mm and 600 mm cross tees. The grid manufacturer's recommendations should be followed at all times. Hangers to be fixed to roof by expansion fasteners.

Light fittings, grills diffusers and cutouts etc. have to be provided with additional members of frame works as per direction of the Architect/Consultant/SBI.

x) Mode of Measurements

The measurement shall be square meters for the finished exposed area.

Rate to include: Apart from other factors mentioned elsewhere in this contract, the rates for items of false ceiling shall include for the following: All labour, materials, equipments, scaffolding, hardware fittings etc. for carrying out the work as per drawing.

3) STANDARD SPECIFICATIONS

Unless otherwise specified elsewhere in this contract, all work under this contract shall be carried out in accordance with the technical specification and the latest issue of the Indian Standard Specification applicable to the particular class of work. If Indian Standards are not formulated for any particular material or work, the relevant British Standard Specification shall apply. Relevant issue of I.S. specifications applicable to the particular work have been described along with the specification for the respective works. In case of any confusion or dispute regarding the meaning and interpretation of any specification for the respective works, the decision of the Architect/Consultant/SBI shall be final and binding on the contractor.

a) Marble Stone Flooring:

i) Marble:

Shall be hard, sound, dense and homogeneous in texture with crystalline structure. It shall be uniform in colour and free from stains, crack, decay and weathering.

ii) Dressing of Slabs:

Every stone shall be cut to the required size and shape, fine chisel dressed on all sides to the full depth so that a straight edge laid along the side of the stone shall be fully in contact with it. The top surface shall also be fine chisel dressed to remove all waviness. The sides and top surface of slabs shall be machine rubbed or table rubbed with coarse sand before paving. All angles and edges of the marble slabs shall be true, square and free from chipping and surface shall be true and plane.

The thickness of the slabs shall be 20-30 or 40 mm as specified in the description of the item. Tolerance of +/- 2 mm shall be allowed for the thickness. In respect of length and breadth of slabs a tolerance of +/- 5 mm shall be allowed.

iii) Laying:

Sub-grade concrete or R.C.C. slab on which the slabs are to be laid shall be cleaned, wetted and mopped. The bedding for the slab shall be with cement mortar 1:4 (1 cement: 4 coarse sand) or as given in the description of the item.

The average thickness of the bedding mortar under the slab shall be 20 mm and the thickness at any place under the slab no less than 12mm.

The slab shall be laid in the following manner: -

Mortar of the specified mix shall be spread under the area of each slab, roughly to the average thickness specified in the item. The slab shall be washed clean before laying. It shall be laid on top, pressed, tapped with wooden mallet and brought to level with the adjoining slabs. It shall be fitted and laid aside. The top surface of the mortar then shall be corrected by adding fresh mortar at hollows. The mortar is allowed to harden a bit and cement slurry of honey like consistency shall be spread over the same at the rate of 4.4 kg. Of cement per sqm. The edges of the slab already paved shall be buttered with gray or white cement with or without admixture of pigment to match the shade of the marble slab as given in the description of the item. The slab to be paved shall then be lowered gently back in position and tapped with wooden mallet till it is properly bedded in level with and close to the adjoining slab with as fine a join as possible. Subsequent slabs shall be laid in the same manner. After each slab has been laid, surplus cement on the surface of the slab shall be cleaned off. The flooring as laid shall be true to levels and slopes as instructed.

The slab shall be matched as shown in drawings or as instructed by the Architect/Consultant/SBI. Slabs which are fixed in the floor adjoining the wall shall entire not less than 12mm under the plaster skirting or dado. The junction between wall plaster and floor shall be finished neatly and without waviness.

iv) Polishing and Finishing:

Slight unevenness at the meeting edges of slabs shall then be removed by chiseling. The floor shall then be kept wet for a minimum period of 7 days. The surface shall thereafter be grounded evenly with machine fitted with coarse grade grit blocks (No.60). Water shall be used profusely during grinding. After grinding the surface shall be thoroughly washed to remove all grinding mud, cleaned and mopped. The second grinding shall then be carried out with machine fitted with fine grade grit blocks (No. 120). The final grinding with machine fitted with the finest grade grit blocks (No. 320) shall be carried out the day after the second grinding described in the preceding Para or before handing over the floor, as ordered.

For hand polishing the following carborundum stones be used:

1st grinding – coarse grade stone (No.60)

2nd grinding – medium grade (No.80) Final grinding – fine grade (No.120)

In all other respects, the process shall be similar as for machine polishing.

After the final polish, oxalic acid shall be dusted over the surface at the rate of 33gm per square meter sprinkled with water and rubbed hard with a namdah block (pad of wooden rags). The following day the floor shall be wiped with a moist rag and dried with a soft cloth and finished clean.

If any tile is disturbed or damaged, it shall be refitted or replaced properly jointed and polished.

The finished floor shall not sound hollow when tapped with a wooden mallet.

v) Measurements

Marble stone flooring with different kind of marble shall be measured separately and in square meter correct to two places of decimal. Length and breadth shall be measured between the finished faces of skirting, dado or wall, plaster as the case may be, correct to a cm. No deduction shall be made nor extra be paid for any opening in the floor of area upto 0.05 Sqm. (5 sq.dm.). No extra shall be paid for laying the floor at different levels. Steps and treads of stairs paved with marble stone shall also be measured under the item of “Marble Stone Flooring”. The width of treads in all cases shall be measured from the outer line to the finished face of riser.

Rate The rate shall include the cost of all materials and labour involved in all the operation described above.

b) Marble Work in Wall Lining Etc. (Veneer Work)

Marble should be of same quality as described in Para 12(a) under flooring above.

Marble Stone

i) Dressing:

Dressing shall be same as specified in 12(b) except that the back shall not be dressed, but left rough cut, in order to ensure a good grip with the hearting or backing. The dressed slabs shall be of the thickness as specified with a tolerance of +/- 2mm. The tolerance in wall lining when a straight edge of 3 mtr. Length is placed should not exceed more than 2mm.

ii) Laying:

Sub-grade concrete or R.C.C. slab on which the slabs are to be laid shall be cleaned, wetted and mopped. The bedding for the slabs shall be as specified in the schedule of the quantities. Care shall be taken to match the grains of veneer work as directed by the Architect/Consultant/SBI. For purpose of matching the grains, marble slabs shall be selected judiciously having uniform pattern of veins / streaks. Preferably the slabs shall be those got out of the same block from the quarry. The area to be veneered shall be reproduced on the ground and the marble slabs laid in position and arranged in the manner to give the desired matching of grains. Any adjustment needed for achieving the best results shall be then carried out by replacing or interchanging the particular slabs. Special care shall be taken to achieve the continuity of grains between the two slabs one above the other along the horizontal joints. This shall then be got approved from the Architect/Consultant/SBI and each marble slab umbered properly and the

same number shall be marked on a separate drawing as well as on the surface to be actually veneered, so as to ensure the fixing of the particular slabs on the correct location.

For the facing of the columns, also the same procedure as mentioned above shall be followed.

- Joints:

All joints shall be full of mortar. If any hollow grounding are detected by tapping the face stones, these shall be taken out and re-laid. The thickness of the face joints shall be uniform, straight and as fine as possible not more than 1.5mm and in the face joint the tap 6mm depth shall be filled with mortar specified for pointing.

- Mortar:

The mortar used for jointing shall be as specified.

- Curing:

The work shall be kept constantly moist on all faces for a period of at least seven days.

- Finishing:

After the marble work is cured it shall be rubbed with carborandum stone of different grades, No.60, 120 & 320 in succession, so as to give a plane, true and highly smooth surface. It shall then be cleaned with a solution of Oxalic Acid, washed and finished clean.

- Protection:

Green work shall be protected from rain by suitable coverings. The work shall also be suitably protected from damage during construction.

- Scaffolding:

Double scaffolding having two sets of vertical support shall be provided, where necessary. The support shall be sound and strong, tied together by horizontal pieces, over which the scaffolding planks shall be fixed.

- Tolerance:

Slabs:

a) Length : +/- 2 percent

b) Width : +/- 3 percent

c) Thickness +/- 3 percent.

- Measurements:

The length and breadth shall be measured correct to a cm. The area shall be calculated in sqm. Nearest to two places decimal.

- Rate:

The rate include the cost of materials and labour required for all the operations described above, except for the cost of providing and fixing brass pins etc. which shall be paid for separately as stipulated in the item of work.

List of materials of approved brand and/or manufacturer

S. No.	DESCRIPTION	NAME OF THE MANUFACTURER
1	Aluminum extrusion for doors, partitions. Etc	INDIA/JINDAL/OEL or any other approved manufacturer conforming to I.S.specifications.
2	Hardware Aluminum Brass Locks (Door) Locks (Furniture) Floor Spring Screw Castors Sliding drawer channels	M/s Metako, M/s Allen, M/s Crown with ISI mark M/s Brass Arts (India)Pvt.Ltd. M/s Vijay Industrial Engineering Corporation M/s Godrej M/s Acme Locks Ltd. M/s Secure Industries Ltd. M/s Yale India Ltd. M/s Efficient Gadgets M/s Godrej M/s Everite Agencies Pvt. Ltd. M/s NITA Floor Spring. /s Nettle Fold/ G.K.W M/s Efficient Gadgets M/s Efficient Gadgets M/s Earl Behari
3	Synthetic enamel paint, Distemper, plastic emulsion paints	M/s ICI Ltd M/s Berger Paints (I) Ltd. M/s Jenson & Nicholson (I) Ltd.
4	Glazing	M/s Modi Float Glass Ltd. M/s Float Glass India's Ltd. M/s Continental Float Glass Ltd. Gujarat Guardian Ltd.
5	Block Board & Ply Board	M/s Green Ply Industries Ltd. M/s Narottam Gold M/s Century Ply Boards (I) Ltd M/s Archid Ply Wood.
6	Phenol bonded exterior grade Particle Board	M/s Novapan Industries Ltd. M/s Bhutan Board
7	Prelaminated Particle Board phenol bonded grade with ISI mark	M/s Green Ply Industries Ltd. M/s Century Ply Boards (I) Ltd or equivalent.
8	False Ceiling	M/s India Gypsum Ltd., Saint Gobain or approved equivalent quality
9	Laminate	Formica, Sunmica, Sundek, Airolam, Vir, Archid

10	PVC Flooring	M/s Armstrong M/s Krishna Vinyle Limited M/s Premier Vinyle Ltd.
11	Carpet	Glamour or Favourite (Balla Industries) or Gala Pablo, Fresco or Apollo-98(Imperial Tuffling Company) Transasia
12	Furnishing Fabric	Woven typr “harmony” range from “Vimal” or equivalent like seasons furnishing, Eden Furnishing or Shyam Ahuja Ltd.
13	Leather Foam	M/s Bhor Industries or equivalent of approved quality
14	Sun Control Film	M/s Sun Control Garware Polyster Film or equivalent quality
15	Teak/Cedar/Mehogany / Walnut /etc. Veneer	M/s Archid, M/s Legend M/s Century Ply Boards (I) Ltd M/s Jacsons Decorative Plywood
16	Burl Veneer	M/s Century Ply Boards (I) Ltd. M/s Jacsons Decorative Plywood
17	Synthetic Enamel Paint	ICI, Berger, Asian Paints
18	Acrylic Emulsion & Primer	ICI, Berger, Asian Paints
19	Textured Wall Paint	ICI, Spectrum, Heritage
20	Tiles	M/S Nitco, M/s. Somany M/S Johnson, M/S Kajaria
21	Modular furniture	M/S Godrej M/S Featherlite M/S N.R.Jassani M/S Blow Plast
22	Chairs	M/S Godrej M/S Durian M/S Eurotech, M/s Featherlite
23	Spider Fittings	Dorma, Ozone

Note: Material make for specific items, if given in the BOQ, shall supersede the list of approved makes. If the approved brands mentioned above are not available, equivalent make as may be approved by the Architect/Consultant/SBI only to be used in the work.

BOQ for the proposed Civil and Interior Works for NEW RACPC premises of M/s. State Bank of India at Upper ground and First Floor, Vidyaraj Annexe Building, Basant Vihar, Ring Road, INDORE

A	Interior Work for Office				
	<u>Description of Item</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
1	Providing & fixing of Armstrong Mineral Fiber Acoustical Suspended Ceiling System with Classic Lite (Tegular) EDGE TILES WITH ARMSTRONG 24mm EXPOSED GRID. The tile should have Humidity Resistance (RH) of 99%, NRC 0.5, Light Reflectance $\geq 84\%$, Thermal Conductivity $k = 0.052 - 0.057$ w/m K, Color White, Fire Performance UK Class 0 / Class 1 (BS 476 pt - 6 & 7) in module size of 600 x 600 x 16mm with Bio Block coating on the face of the tile, suitable for Green Building application, with Recycled content of 35 - 38%. The tile shall be laid on Armstrong Prelude32 with 24 mm wide T - section flanges color white having rotary stitching on all T sections i.e. the Main Runner, 1200 mm & 600 mm Cross Tees with a web height of 32 mm and 27mm ,25 mm respectively. The cost shall include all fittings and materials complete including proper installation and provisioning etc.	sqM	150.00		
2	Providing and fixing and finishing Gypsum Board False Ceiling as per drawing made from 60mm x 36mm G.I. 'C' main supports suspended from the ceiling by means of 25 mm x 18 mm G.I. Sheet as per design as required and having pattas/ coves in sides. Fixing 12.5 mm thick gypsum board finishing and jointing with adhesive and jointing tapes finished complete in lines and level including two coats of plastic emulsion paint in two colors (including white+ one color)over a coat of primer all of approved shade and quality, including coves, providing cut-outs for light fittings and extra frame work as necessary for AC grills and/or any other cutouts etc. complete in all respects.				
	-cont'd- Quoted rate to include cost of making opening for light fittings, grills, diffusers, etc. coves for fitting of diffused lights etc. as required and making good the same. Cost of additional frame required and as directed shall also be included).The cost shall also include POP putty finishing of exposed RCC ceilings and/or beams wherever visible having at-least 300mm overlap inside the exposed areas. It may be noted that the vertical surfaces shall also be measured for payments and the quoted rates should take into account this area.	sqM	205.00		
3	Providing and fixing coves for lighting in any shape out of 18 gauge or gypsum board as required including molding and cornice etc. if required, coves shall be minimum 4 inch deep	rMT	40.00		

4	Providing and fixing and finishing Saint Gobain Make 75mm Thick Metal Stud Partition with 12.5mm FRMR Gypboard as per drawing. 75mm thick metal stud partition which includes one layer of tapered edge 12.5mm thick gypsum board FRMR (conforming to IS:2095-2011-Part-1) is screw fixed with drywall screws of 25mm at 300mm centers to either side of 48mm boxed C stud (0.5mm thick having one flange of 34mm and another flange of 36 mm made of G.I. Steel) placed at 305mm centre to centre in 50 mm floor and ceiling channel (0.5mm thick have equal flanges of 32mm made of G.I. Steel), which is anchored to the floor and true ceiling using suitable anchor fasteners or metal screws with nylon plugs. The boards are to be fixed to the framework with joints staggered				
	-cont'd- to avoid leakage through joints. A Noggin channel has to be provided at the horizontal joints of the two boards screw fixed to the studs using metal to metal Flat head screws. Finally square and tapered edges of the boards are to be jointed and finished so as to have flush look which includes filling and finishing with jointing compound, joint paper tape. 50mm glass wool of density 32kg /cu. m shall be placed in the cavity. including coves, providing cut-outs for light fittings and extra frame work as necessary for AC grills and/or any other cutouts etc. complete in all respects. Quoted rate to include cost of making opening for light fittings, grills, diffusers, etc. coves for fitting of diffused lights etc. as required and making good the same. Cost of additional frame required and as directed shall also be included). It may be noted that the vertical surfaces shall also be measured for payments and the quoted rates should take into account this area.	sqM	10.00		
5	Providing & finishing walls with decorative texture/duotone finish/paint effects as per approval complete including cost of preparation of surface and waterproof protective coating of treated / textured/ painted surface complete as directed.	sqM	60.00		
6	Fabrication of Aluminum Composite Panel Fascias/column claddings etc. as per drawings and specifications with 4 mm thick composite panels of choice and of reputed brands like Viva, Alstrong, Alstar as approved having two aluminum skins pre-coated and thermally bonded on each side of non toxic polyethylene core. The structure shall be fabricated using fresh, 18 gauge 1inchx2 inch Aluminum rectangular pipe section of good quality or members recommended by the manufacturer and in accordance with the specifications and recommendations of the manufacturer. The structure shall be fitted in place ON walls/beams/columns/MS fabricated structures etc. as instructed using recommended fixing method, adhesives, sealers, etc. complete to the engineer-in-charge's satisfaction. The cost shall include all scaffoldings, chase making, lifting, cutting, on site adjustments, plaster repairing, etc. complete	Sq.M	50.00		

7	Providing and applying putty and paint on walls, ceiling, partitions etc. two or more coats of Asian Paints Royale Shyne Luxury Emulsion, Milky White (Code : L 102) or equivalent - roller finish to all accent wall surfaces. The paint shall be applied after thorough cleaning so as to achieve a dirt-free, grease-free, plain surface free of residual paints as per manufacturer's specifications, application of primer, required number of coats of putty and application of primer coat after proper leveling of putty and finally to be applied with paint. The paint shall be applied as per the manufacturer's recommendations, evenly to produce uniform well finished surface including final cleaning of the premises to the Bank Engineer's / Architect's satisfaction and complete at all level.	sqM	835.00		
8	Providing and applying two or more coats of satin finish synthetic enamel paint of make Asian, or equivalent of approved shade and including two coats of oil based putty to achieve smooth finish on all surfaces including doors, paneling's, plastered walls, staircase walls, grills, railings etc and excluding inner sides of drawers, storage etc. or in items including the cost of painting synthetic enamel in their rates) complete including putty, scaffolding etc. and complete cleaning of surfaces.	sqM	135.00		
9	Providing and fixing LAMINATED single skin paneling on walls, front fascia, boxing for rolling shutter, and/or columns and/or glazing soffits at various parts of the premises as required with ply framework for leveling and 6 mm thick ply of approved ISI grade, and/or limited use of 6mm Flexible ply for paneling of circular columns etc. including fixing as per pattern and style as directed to achieve overall flush appearance, complete in line, level and plumb, and finished with 1mm thick laminate of two colors of make Formica/ Vir / Merino/Airolam / Sundeek or equivalent as/approval including grooves, inlay, limited use of economical metallic laminates at places etc if required and as directed. Teakwood lipping etc shall be provided where required or directed and including provision for items like soft board/ white board, electrical switchboards, telephone and electrical wiring etc as and where required (but excluding the cost for the items). Teakwood lippings etc shall also be finished with 1mm thick laminate as approved.	sqM	95.00		
10	Providing and fixing double skin ply partition TYPE-1 having framework size out of 2.5"x1.5" section of Gattu wood or equivalent of plywood as/ approval for framework fixed maximum at 2' c/c in both directions average, having on both sides 6 mm thick plywood of app. make as per specifications and fixing pattern to achieve overall flush appearance. Partitions shall be finished on both sides with 1mm thick laminate of two colours of make Formica/ Vir / Merino/Airolam / Sundeek or equivalent as/approval including inlay, 6mm ply double layering, grooves, inlay, limited use of economical metallic laminates etc if required and as directed. Teakwood lipping etc shall be provided where required or directed and including provision for items like soft board/ white board, electrical				

	-contd- switchboards, telephone and electrical wiring etc as and where required (but excluding the cost for the items). All glazed openings in partitions having 5 mm thick glass shall be counted in partition areas and cost shall include all lippings, beadings etc. complete required for framing etc. 8mm, 12mm glass openings wherever applied shall neither be included in measurements nor costing and shall be considered as separate item. Providing, finishing and fixing of lippings/ beadings for these shall be included in the cost. Teakwood lippings etc shall also be finished with 1mm thick laminate as approved.	sqM	45.00		
11	Providing and fixing double skin ply partition TYPE-2 having all specifications same as double skin ply partition type-1 except the finishing having in major areas bands and /or geometrical patterns made in an additional layer of 6 mm ply and finished in textured 1mm thick laminate of approved make and shade having finish and design equivalent to VIR RW (Real Wood Finish) strictly upon approval from the architects and the remaining minor areas finished in plain laminates of approved make two colors including inlay as required on both sides if required.	sqM	115.00		
12	Providing and fixing additional LAMINATED ply framing in 12 mm commercial ply for fixing of soft boards/ whiteboards etc on wall surfaces or existing single/double skin partitions including leveling on walls, and in double thickness for small partitions on tables etc. The framing shall be finished with laminate (on all exposed surfaces and edges) two colors including inlay etc if required and as directed along workstation tables (including provision for fixing of soft board/ whiteboard etc. but excluding cost of the same) as required as per ply/laminate fixing pattern to achieve overall flush appearance. The framing shall include the provision of switchboard, lan cabling, telephone wiring etc. The cost shall also include providing and applying polish/paint .The measurement shall include only the framed areas and soft board/ whiteboard/glass etc. shall not be included in either the area or the rate. cost shall however include all lippings, moldings, beadings etc required for the proper execution of work. Teakwood lippings etc shall also be finished with 1mm thick laminate as approved.	sqM	50.00		

13	Providing and fixing LAMINATED full & low height storage cabinets as storage and/or runners from 400mm to 600 mm depth in 18mm thk. ply construction with 6mm thk. comm. ply backing complete as per detail/ specifications with horizontal & vertical divisions and drawers as/detail. The rate shall include all TW lippings, outside finished in 1 mm Laminate of reputed brands and approved shade and inside finished with 1 mm Economical laminate as per approval on all shelves, partitions, drawers etc. All partitions, shutters shall have wooden lipping on edges finished in laminate. The handles & hinges will be s s finish or as as/app. & shutters will be on ebco self closing hinges and drawers shall be on ebco telescopic slides. The cost shall include providing and applying putty sealers and fillers on any exposed lipping/ wooden surfaces etc. and finished with Satin Finish Synthetic enamel of approved make with approved shade and finish including thorough cleaning, rubbing and surface preparation, having fillers and sealers as required	sqM	65.00		
14	Providing and fixing LAMINATED full & low height storage cabinets from 300mm to 400 mm depth as runners, storage and/or pantry storage in 18mm thk. ply construction with 6mm thk. comm. ply backing complete as per detail/ specifications with horizontal & vertical divisions and drawers as/detail. The rate shall include all TW lippings, outside finished in 1 mm Laminate of reputed brands and approved shade and inside finished with 1 mm Economical laminate as per approval on all shelves, partitions, drawers etc. All partitions, shutters shall have wooden lipping on edges finished in laminate. The handles & hinges will be s s finish or as as/app. & shutters will be on ebco self closing hinges and drawers shall be on ebco telescopic slides. The cost shall include providing and applying putty sealers and fillers on any exposed lipping/ wooden surfaces etc. and finished with Satin Finish Synthetic enamel of approved make with approved shade and finish including thorough cleaning, rubbing and surface preparation, having fillers and sealers as required	sqM	10.00		

15	Providing and fixing Continuous Workstation Table supported on drawer units in 18mm ply construction with provision for ebco make keyboard trays (cost not included) as shown in drawing & cable slot in tops, drawer units having single drawer and cabinet below each workstation as per instruction and partitioning below workstations as per instructions/ details. The table top and edges shall be double thick, visible ply surfaces shall be finished with 1mm thick laminate (Merino Lam Snow white 21141/equivalent) as required. The bottom and inside of table shall be finished with 1mm thick Economical laminate of approved make, color and design and all hidden areas like inside of drawers, cabinets, finished with economical laminate. The cost shall be complete with lippings, moldings, ebco telescopic drawer channels, accessories, hinges etc as per specifications. Provisioning for data and electrical cables on each table separately below tops on or inside partitions shall be included in the cost. Teakwood lippings etc shall also be finished with 1mm thick laminate as approved. Only the table tops shall be measured for payments.	sqM	5.00		
16	Providing and fixing Computer keyboard trays (Powder coated MS) EBCO make or equivalent as per approval with keyboard and sliding mouse tray attachment in color as per approval under worktops as and where instructed including all labor and material.	Nos	33.00		
17	Providing and fixing Executives (AGM) Tables approx size 2.1x.75 minimum in laminated board construction with C.P.U. space, single drawer and cabinet below as per design and drawing. The table edges shall be double thick and as per design, all visible surfaces including keyboard tray/ pencil drawers shall be finished with laminate of two colors including inlay etc if required and as directed and all hidden areas finished with 1 mm thick economical laminates of approved shade. The cost shall be complete with lippings, moldings, telescopic drawer channels, accessories, hinges etc as per specifications. The cost shall include providing and applying laminates on all exposed lipping/ wooden surfaces etc. Provision for toughened glass modesty panel shall be included in the cost but cost of glass shall not be included.	nos	1.00		
18	Providing and fixing CM/TL/MGR SARC Tables approx size 1.6x.67m in laminated board construction with C.P.U. space, single drawer and cabinet below as per design and drawing. The table edges shall be double thick and as per design, all visible surfaces including keyboard tray/ pencil drawers shall be finished with laminate of two colors including inlay etc if required and as directed and all hidden areas finished with 1 mm thick economical laminates of approved shade. The cost shall be complete with lippings, moldings, telescopic drawer channels, accessories, hinges etc as per specifications. The cost shall include providing and applying laminates on all exposed lipping/ wooden surfaces etc.	nos	4.00		

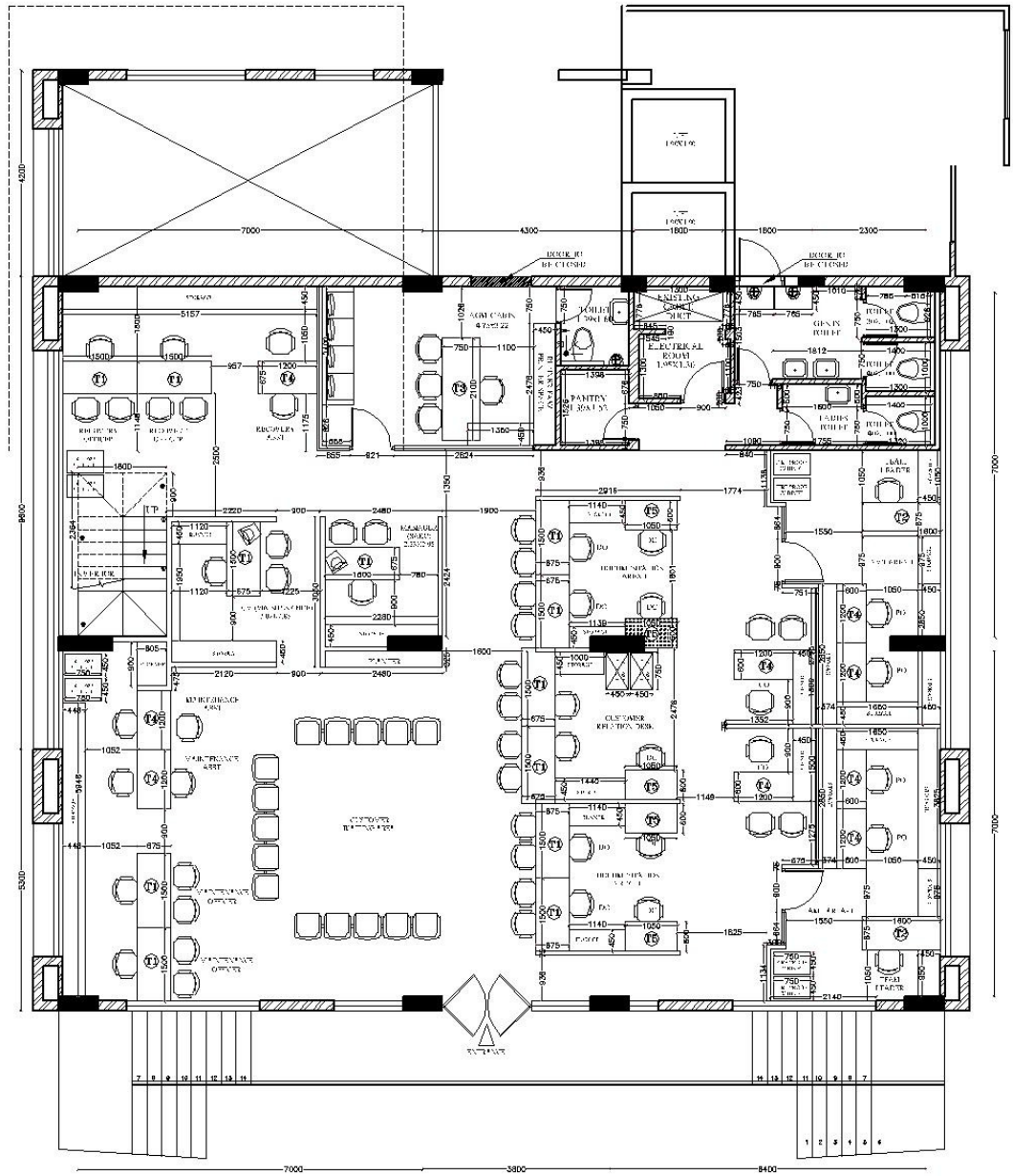
19	Providing and fixing Officers Tables approx size 1.5x.67m in laminated board construction with C.P.U. space, single drawer and cabinet below as per design and drawing. The table edges shall be double thick and as per design, all visible surfaces including keyboard tray/ pencil drawers shall be finished with laminate of two colors including inlay etc if required and as directed and all hidden areas finished with 1 mm thick economical laminates of approved shade. The cost shall be complete with lippings, moldings, telescopic drawer channels, accessories, hinges etc as per specifications. The cost shall include providing and applying laminates on all exposed lipping/ wooden surfaces etc.	nos	12.00		
20	Providing and fixing Assistants Tables approx size 1.2x.67m in laminated board construction with C.P.U. space, single drawer and cabinet below as per design and drawing. The table edges shall be double thick and as per design, all visible surfaces including keyboard tray/ pencil drawers shall be finished with laminate of two colors including inlay etc if required and as directed and all hidden areas finished with 1 mm thick economical laminates of approved shade. The cost shall be complete with lippings, moldings, telescopic drawer channels, accessories, hinges etc as per specifications. The cost shall include providing and applying laminates on all exposed lipping/ wooden surfaces etc.	nos	10.00		
21	Providing and fixing Assistants Tables approx size 1.05x.60m in laminated board construction with C.P.U. space, single drawer and without cabinet as per design and drawing. The table edges shall be double thick and as per design, all visible surfaces including keyboard tray/ pencil drawers shall be finished with laminate of two colors including inlay etc if required and as directed and all hidden areas finished with 1 mm thick economical laminates of approved shade. The cost shall be complete with lippings, moldings, telescopic drawer channels, accessories, hinges etc as per specifications. The cost shall include providing and applying laminates on all exposed lipping/ wooden surfaces etc.	nos	6.00		
22	Providing and placing Lunch room table of size 1.35x0.6 mm, movable and having one side full round as per details for with 12mm thick glass top and stainless steel base.	nos	2.00		
23	Providing and fixing 12 mm thk TOUGHENED fixed glass for glazing of size as demarcated and adjoining the doors etc and/or as required. The glazing shall be of 12 mm thk. clear float glass, TOUGHENED, edge polished fixed as per SS Fitting manufacturer's recommendations and specifications, fixed to walls, granite pattas, adjoining doors or wooden frames/ partitions, panelings etc. as required, The fittings shall be in approved finish. Rates shall take into consideration all aspects like edge polishing, hole making, toughening, supply of S S Patches, transportation, handling, lifting etc. complete upto installation.	sqM	25.00		
24	Lamination of glass with etching film of sticker type on glass as per the architects designs where required.	sqM	35.00		

25	Providing and fixing 8 mm thick clear float glass of reputed brands like Modi, Saint Gobain or equivalent upon approval glazing, glass shutters in displays, table tops etc. as instructed of size as instructed, made out of edge polished glass fixed from top and bottom in ply partitions or all four sides inside partitions or shutters with TW beadings of design as per approval as instructed on the top and bottom partitions not including cost of beadings/ melamine polish of beadings/ d-buttons etc.	sqM	5.00		
26	Providing and fixing 5 mm thick clear float glass of reputed brands like Modi, Saint Gobain or equivalent upon approval in glazings (Lumpsum), glass shutters in displays, doors, etc. except the double skin partitions as instructed of size as instructed, made out of edge polished glass fixed from top and bottom in ply partitions or all four sides inside partitions or shutters with TW beadings of design as per approval as instructed on the top and bottom partitions not including cost of beadings/ melamine polish of beadings/ d-buttons etc.	sqM	5.00		
27	Providing and fixing single shutter flush doors of approx size 2.1m x 0.9m as instructed, hinged type door openable one side as instructed, made up of superior quality waterproof flush door fully or partially glazed (but cost of glass not included) or with both sides laminated ply and 6 mm thick comm.. ply to achieve designs as instructed, complete with beadings, all accessories like hinges, medium quality mortise handles/locks, baby latches, stoppers etc. shall be in ss finish as per approval. The cost shall also include providing and applying Satin Finish Synthetic Enamel on all exposed wooden surfaces including lippings etc. wherever instructed of approved shade and finish including thorough cleaning, rubbing and surface preparation, application of primer, sealers, color tone, and polish as required.	nos	2.00		
28	Providing and fixing single shutter doors of approx size 2.1m x 0.75m as instructed, hinged type door openable one side as instructed, shutter frame made up of superior quality waterproof flush door fully or partially glazed (but cost of glass not included) or with both sides laminated ply and 6 mm thick comm.. ply to achieve designs as instructed, complete with beadings, all accessories like hinges, medium quality mortise/ handles/locks, baby latches, stoppers etc. shall be in ss finish as per approval, the cost shall include p/f of door closers. The cost shall include providing and applying putty sealers and fillers on all exposed lipping/ wooden surfaces etc. and finished with Satin Finish Synthetic enamel of approved make with approved shade and finish including thorough cleaning, rubbing and surface preparation, application of primer, sealers, and final coat as required	nos	7.00		

29	Providing and fixing double shutter flush doors each shutter of approx size 2.1m x0.65m as instructed, hinged type door openable one side as instructed, shutter frame made up of superior quality waterproof flush door fully or partially glazed (but cost of glass not included) or with both sides laminated ply and 6 mm thick comm ply to achieve designs as instructed, complete with beadings, all accessories like hinges, medium quality mortise/ handles/locks, baby latches, stoppers etc. shall be in ss finish as per approval, the cost shall include p/f of door closers. The cost shall include providing and applying putty sealers and fillers on all exposed lipping/ wooden surfaces etc. and finished with Satin Finish Synthetic enamel of approved make with approved shade and finish including thorough cleaning, rubbing and surface preparation, application of primer, sealers, and final coat as required	nos	2.00		
30	Providing and fixing 12mm thk single/double shutter glass doors , one each at cabins etc. and a set of 2 doors in conference/entrance (each door shutter counted individually) of size 2.1m x 0.9m as demarcated, swing type door openable both sides made out of 12 mm thk. clear toughened float glass, edge polished fixed in wooden top and bottom rails of approved color and finish as per drawings and specifications fixed on Everite/ Hardwyn/ Dorma or equivalent floor springs and provision of locking system as per approval, one set of 25mm dia S. S. brush finish pull handles as per approval and as per approved design complete. Each door shall be treated individually with complete set of accessories to be provided on each door.	nos	5.00		
31	Providing and fixing Door closers on doors of make Everite/ Hardwyn/ Dorma or equivalent upon approval including all packing, leveling, etc. as required and upto the architects satisfaction.	Nos	5.00		
32	Providing and fixing whiteboard as per approval on partitions/walls/ other substrates in various areas of the office including training room, cabins etc. complete including all ribs, adhesives etc as required	sqM	5.00		
33	Providing and fixing pin-up boards of 12mm thk. pin board covered with plain matt/cotton fabric as per approval, the fabric stuck with rubber based adhesive to the board as instructed. Cost shall include all tw lippings, base preparation required and joints on fabric shall not be approved.	sqM	8.00		
34	Providing and fixing vertical blinds for windows of Trac / Vista or equivalent of approved shade and medium range fabric (synthetic material) on windows including complete installation of track, blinds upto working condition.	sqM	115.00		
35	Providing and placing Stainless Steel Planter for office interior partially perforated type as per choice of design in stainless steel glossy finish and of size approx 450 dia and 450 height.	Nos	12.00		

36	MS Fabrication for sheds etc. for rain protection etc. ventilators like Sheds/Trellises/Duct coverings/ Rain Protection Chajjas/Gates etc. (including cost of coverings like Polycarbonate sheet) The fabrication shall be done using fresh MS round/square bars/flats ,18 gauge M S hollow Pipes of various sections like 1inx 1in. 2inx2in square sections, 1inx2in, 2inx2in rectangular sections and/or circular sections of various diameters upto 4in dia and of good quality. The fabrication shall be done as per drawings and the structure shall be painted with two coats of red oxide and then 2 coats of synthetic enamel as per instructions. The structure shall be fitted in place as instructed using suitable fixing method. The cost shall include all chase making, lifting, welding, on site adjustments, plaster repairing, etc. complete to the engineer-in-charge's satisfaction.	Sq.M	10.00		
37	Providing & fixing Stainless Steel Fabrication in Grade 304 complete as per specifications built up with various round/square/rectangular pipe sections of varying sizes like 50x50, 75x75, 100x100 mm tubular sections, or such sections in round pipes all of 16 gauge SS Pipe and/or SS flats/ angles etc as required fitted on ceiling with MS rowel plugs/ metal fasteners as instructed complete with all end pieces, plain base, bends/ elbows, as specified including all formwork/centering/lifting upto maximum 7 meter height, installation, welding and grinding/ buffing on site or in workshop, leveling, buffing and covering with polyethene if required for protection upto the engineer in charge's satisfaction. The cost shall include all provisions for fixing of ply structures whether with screws/bolts/cables or any such method or safety measures as instructed by the Architect.	KG	100.00		
	Subtotal of (A) Interior works			Rs.	
B	Chairs: (Godrej/ Featherlite make)				
38	C-1- Executive chairs for AGM cabin costing for High Back, swivel and synchro type chairs with castors and handrests as per choice of quality and design (Featherlite Make Design "Crown 2" with leather upholstery or equivalent upon approval)	Nos	1.00		
39	C-2- Executive chair for CM/TL/MGR SARC Cabins and Visitors Chairs for AGM cabin costing for Medium Back, swivel type chair with castors and handrests as per choice of quality and design (Featherlite Make Design "Bodyline" cat no. BOD MB or equivalent upon approval)	Nos	7.00		
40	C-3- Office / workstation / visitor chairs costing for Low Back, swivel type chairs with handrests and castors, as per choice of quality and design (Featherlite Make Design "Bodyline" cat no. BOD LB or equivalent upon approval)	Nos	62.00		
41	C-4 PVC lightweight chairs with chrome plated legs for Recess Area colour and shade as per approval (Featherlite Make Design "Magna" cat no. 848 B or equivalent upon approval)	Nos	8.00		
42	C-5 PVC lightweight chairs with chrome plated legs for peons, colour and shade as per approval	Nos	3.00		

43	C-6 Airport type stainless steel cushioned chairs to match with Featherlite WT323-3C3 with cushion or equivalent upon approval for waiting area, colour and shade as per approval	seats	15.00		
	Subtotal of (B) Chairs			Rs.	
	Total of Interior works (A+B)				
In words Rs.					



PROPOSED WORKING LAYOUT PLAN OF
OFFICE FURNITURE
GROUND FLOOR

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PROPOSED DESIGN FOR
SBI RACPC AT VIDHYARAJ
ANNEXE, BASANT VIHAR,
INDORE.

CLIENT
STATE BANK OF INDIA

STATUS
☒ Prelim
☐ GFC

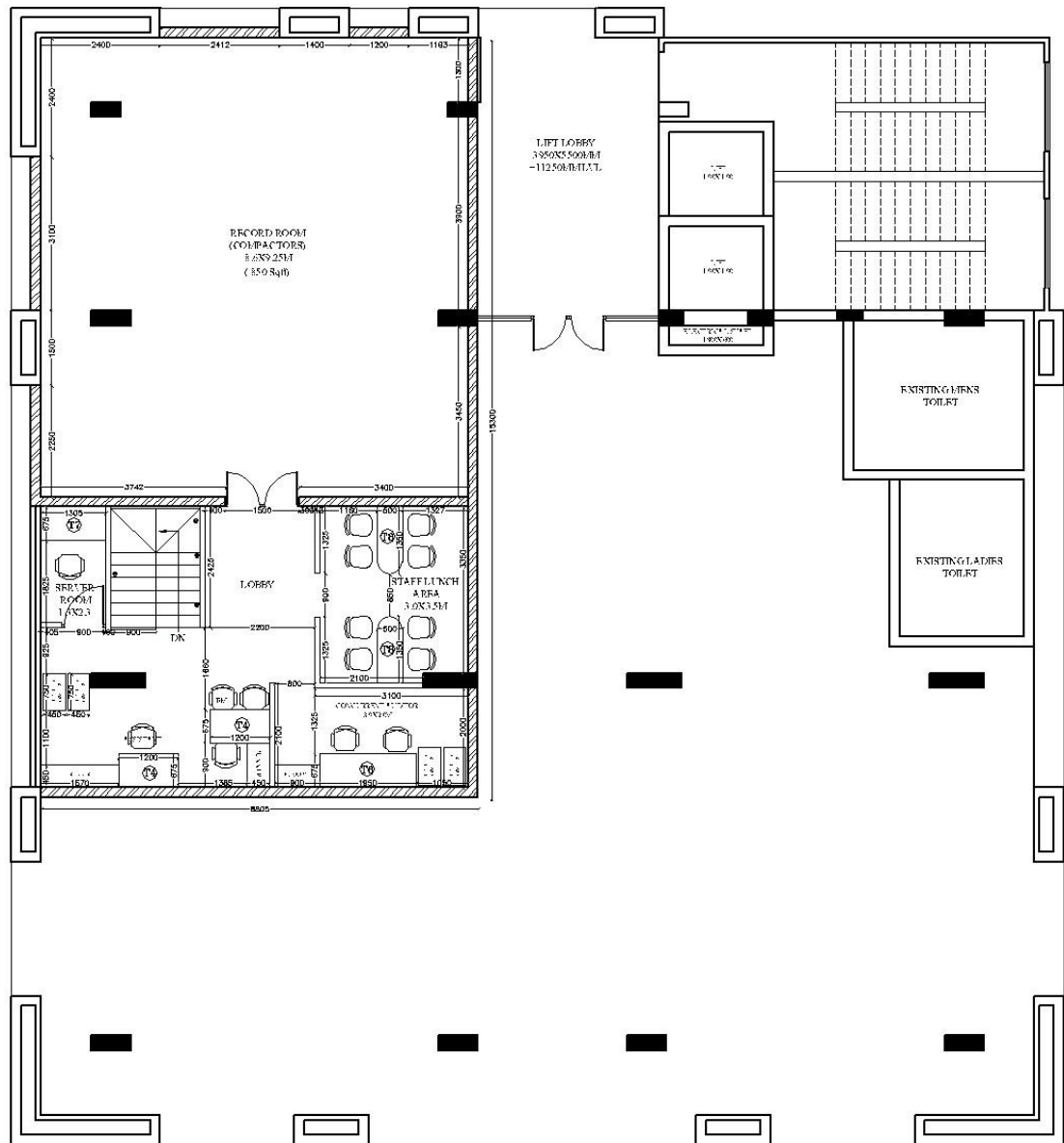
DWG. NO.
SB/RPC/VH/WD1
DATE
28/12/16

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CHECKED BY
AR.SACHIN PALIWAL



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PROPOSED WORKING LAYOUT PLAN OF
OFFICE FURNITURE
FIRST FLOOR

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PROPOSED DESIGN FOR
SBI RACPC AT VIDHYARAJ
ANNEKE, BASANT VIHAR,
INDORE.

CLIENT
STATE BANK OF INDIA

STATUS
☒ Prelim
☐ OFC

DWG. NO.
SB/BOPC/VH/WDS
DATE
28/12/16

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