

# **STATE BANK OF INDIA**

(TENDER ID: MUM20231003)

**TENDER FOR PROPOSED INTERIOR WORKS OF N.A.C.H BRANCH,  
WORLD TRADE CANTRE (ARCADE SHOPPING CENTRE) ,  
CUFF PARADE, MUMBAI 400 005.**

## **PART – A: TECHNICAL BID**

**TENDER SUBMITTED BY :**

**NAME** : \_\_\_\_\_  
**ADDRESS** : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
**DATE** : \_\_\_\_\_

**ARCHITECT :**

**M/S.KALA AREKHAN,  
101,VINDHYACHAL CHS. LTD.,  
PLOT NO.204, SECTOR 4,  
CHARKOP, KANDIVALI WEST,  
MUMBAI-400 067.  
TEL. NO. 49620068  
Email : kalaarekhan@gmail.com**

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**NOTICE INVITING TENDER****TENDER FOR PROPOSED INTERIOR/ CIVIL WORKS OF N.A.C.H BRANCH,  
WORLD TRADE CANTRE (ARCADE SHOPPING CENTRE),  
CUFF PARADE, MUMBAI 400 005.**

SBI, Premises & Estate Department, Mumbai Metro, LHO, Mumbai invites “online item rate E-tender” for captioned work from the SBI eligible empanelled contractors under appropriate category. **Empanelled contractors under the Category Upto 100 lakhs and who receive NIT from the SBI /Architects are only entitled to quote for this tender.**

Details of the tenders are as under:

Sr.No.	Particulars	Details
1	Name of work	Tender for Proposed Civil & Interior Works of N.A.C.H Branch, World Trade Canter,(Arcade Shopping Centre) Cuff Parade, Mumbai- 400 005.
2	Nature of Work	Civil & Interior Works.
3	Time allowed for completion	<b>2 months</b>
5	Earnest Money Deposit	<b>Rs. 37,750/- (Rupees Thirty Seven Thousand Seven Hundred Fifty Only/-)</b> by means of Demand Draft / Pay Order (Valid for a period of 90 Days from the last date of submission of the tender) from any scheduled Nationalized Bank drawn in favor of Assistant General Manager (P&E) and payable at Mumbai.
6	Initial Security Deposit (ISD)	2% of contract amount (EMD will be returned on receipt of ISD). The successful bidder(s) shall be responsible to deposit Initial security deposit @ 2% of the Contract Value by way of demand draft in favour Assistant General Manager (P&E) and payable at Mumbai within <b>10 days</b> from the date of receipt of “Work Order” from SBI/Architects. The SBI may consider accepting ISD in the form of Bank Guarantee issued by any Scheduled Bank in the format supplied/approved by the SBI within its sole discretion but the same cannot be considered as a right of the bidder.
7	Additional security Deposit	In case L-1 bidder quotes abnormally low rates (i.e. 7.5% or more, below estimated project cost), the bank may ask such bidder to deposit additional security deposit (ASD) equivalent to difference between 92.5% of estimated cost vis-à-vis L-1 quoted amount for due fulfillment of contract. Such ASD could be in the form of FDR / Bank’s guarantee in the Bank’s name as per format approved by the Bank. On successful completion of work ASD will be returned to the contractor. In case contractor fails to complete the work in time or as per tender specification or leave the job incomplete, the

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		bank will be at liberty to recover the dues from ASD or to forfeit such ASD as the case may be within its sole discretion
8	Date of availability of tender documents on Service Provider's website	
	<b>(a) Technical Bid</b>	<b>13.10.2023 to 26.10.2023</b> Available at M/s e-Procurement Technologies Ltd., our Service Provider's portal <a href="https://etender.sbi/">https://etender.sbi/</a>
	<b>(b) Price Bid.</b>	<b>13.10.2023 to 26.10.2023</b> Available at M/s e-Procurement Technologies Ltd., our Service Provider's portal <a href="https://etender.sbi/">https://etender.sbi/</a>
9	Last date & time for submission of EMD and tender document	<b>26.10.2023 by 03:00 PM</b> Note: It is sole responsibility of the bidder to ensure submission of their EMD and tender document by stipulated date and time at specified address failing which they will not be allowed to participate in E-Tendering
10	Address for submission of EMD and tender document.	The Assistant General Manager, Premises & Estate Department, Local Head Office, SYNERGY, MUMBAI METRO CIRCLE, 3 <sup>RD</sup> FLOOR, C-6, G-BLOCK, Bandra Kurla Complex, Bandra East, Mumbai-400 051.
11	Date and Time of opening of Online Technical Bid	<b>26.10.2023 by 03:30 PM</b>
12	Last date & time for submission of Online Technical bid	<b>26.10.2023 by 03:00 PM</b> at Service Provider's portal <a href="https://etender.sbi/SBI/">https://etender.sbi/SBI/</a>
13	Date and Time of opening of Online Price Bid	<b>26.10.2023 by 03:30 PM</b>
14	Date and time for submission of Online Price Bid.	<b>26.10.2023 till 03:00 PM</b> at Service Provider's portal <a href="https://etender.sbi/SBI/">https://etender.sbi/SBI/</a>
15	Defects Liability period	One year from the date of virtual completion of work.
16	Liquidated Damages	0.50% per week subject to max. 5% of contract amount for delay in completion of work.
17	Validity of offer	90 days from the date of opening of Price-bid
18	Value of Interim Certificate	<b>20.00 Lacs</b> No advance on materials / plant / machinery or mobilization advance shall be paid under any circumstances

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19	<b>Submission of Technical Bid (Hard Copy)</b>	<ol style="list-style-type: none"><li>1. Contractors shall download the entire Technical Bid to get acquainted with the terms and conditions and <b><u>shall upload compulsorily the technical bid</u></b> without fail in the e-tendering portal after putting the signature and seal. Failing to upload as stated above, the tender will be rejected.</li><li>2. However, <b>L1 Tenderer</b> should submit the whole technical bid spirally bound securely and in serial order containing all pages duly signed with company seal and date to this Office within 7 days of receipt of confirmation. Failure to submit the hardcopy of Technical Bid may render the bidder disqualifies.</li></ol>
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20. No conditions other than mentioned in the tender will be considered, and if given they will have to be withdrawn before opening of the price-bid.

21. The SBI reserve their rights to accept or reject any or all the tenders, either in whole or in part without assigning any reason for doing so and any claim / correspondence shall be entertained in this regard.

22. Tenders received without EMD shall be summarily rejected and such tenders shall not be allowed to participate in the online price bidding process.

23. 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.

24. For any clarifications regarding E-Tendering procedure, System requirements etc. please contact M/s E-Procurement Technologies Limited, Ahmedabad, whose address is mentioned in the NIT.

Yours Faithfully,

For  
M/s. KALA AREKHAN

Mr. Shailesh S Khopkar.  
Architect& Interior Designer

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**SECTION – 1**

**INSTRUCTIONS TO THE TENDERERS**

**1.0 Scope of work**

E-Tenders are invited by SBI, Premises & Estate Department, Mumbai Metro, LHO, Mumbai for **Proposed Civil & Interior Works of N.A.C.H Branch, World Trade Center, (Arcade Shopping Centre), Cuff Parade, Mumbai- 400 005.**

**Site and its location**

The proposed work is to be carried out at **N.A.C.H Branch, World Trade Center, (Arcade Shopping Centre), Cuff Parade, Mumbai- 400 005 for State Bank of India.**

**2.0 Tender documents**

2.1 The work has to be carried out strictly according to the conditions stipulated in the tender consisting of the following documents and the most workmen like manner.

**Instructions to tenderers**

**General conditions of Contract**

**Special conditions of Contract**

**Additional specifications**

**Drawings**

**Price bid A**

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 precedence in the order given below;

- a) Price Bid
- b) Technical specifications
- c) Drawings
- d) Special conditions of contract
- f) General conditions of contract
- g) Instructions to Tenderers

2.3 The tender documents are not transferable.

**3.0 Site Visit**

3.1 The tenderer must obtain himself on his own responsibility and his own expenses all information and data that may be required for the purpose of filling this tender document and enter into a contract for the satisfactory performance of the work.

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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, the 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.

#### 4.0 **Earnest Money**

4.1 The tenderers are requested to submit the Earnest Money of **Rs. 37,750/- (Rupees Thirty Seven Thousand Seven Hundred Fifty Only/-)** by means of Demand Draft / Pay Order (Valid for a period of 90 Days from the last date of submission of the tender) from any Scheduled Nationalized Bank drawn in favor of Assistant General Manager (P&E) payable at Mumbai.

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 4.1 above shall be rejected.

4.3 No interest will be paid on the EMD.

4.4 EMD of unsuccessful tenderer will be refunded within 30 days of award of Contract.

4.5 EMD of successful tenderer will also be returned on receipt of Initial Security Deposit.

#### 5.0 **Initial/ Security Deposit**

The successful tenderer will have to submit a sum equivalent to 2% of accepted tender value in favour of SBI within a period of 15 days of acceptance of tender. EMD will be returned on receipt of Initial security Deposit.

#### 6.0 **Security Deposit**

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 (ISD) 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 Security Deposit (TSD) including ISD reaches to 5% of contract value. The 50% of the Total Security Deposit shall be paid to the contract 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.**

#### 6.2 **Additional Security Deposit**

In case L-1 bidder quotes abnormally low rates (i.e. 7.5% or more, below estimated project cost), the bank may ask such bidder to deposit additional security deposit (ASD) equivalent to difference between 92.5% of estimated cost vis-à-vis L-1 quoted amount for due fulfillment of contract. Such ASD could be in the form of FDR / Bank's guarantee in the Bank's name as per format approved by the Bank. On successful completion of work ASD will be returned to the contractor. In case contractor fails to complete the work in time or as per tender specification or leave the job incomplete, the bank will be at liberty to recover the dues from ASD or to forfeit such ASD as the case may be within its sole discretion.

6.3 No interest shall be paid to the amount retained by the Bank as Security Deposit & Additional Security Deposit.

**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 30 days from the receipt of intimation of acceptance of the tender by the Bank. However, the written acceptance of the tenders by the Bank will constitute a binding agreement between the Bank and successful tenderer whether such formal agreement is subsequently entered into or not.

**8.0 Completion Period**

Time is essence of the contract. The work should be completed in all respect accordance with the terms of contract within a period of **2 months** from the date of award of work.

**9.0 Validity of tender**

Tenders shall remain valid and open for acceptance for a period of 90 days from the date of opening price bid. If the tenderer withdraws his/her offer during the value period or makes modifications in his/her original offer which are not acceptable to Bank without prejudice to any other right or remedy the Bank shall be at liberty forfeit the EMD.

**10.0 Liquidated Damages**

The liquidated damages shall be 0.50% per week subject to a maximum of 5% of contract value.

**11.0 The rate quoted shall be firm and shall include all costs, allowances etc. except G.S.T, which shall be payable / reimbursed at actuals.**

11.1 The SBI reserve their rights to accept any tenders, either in whole or in part or may entrust the work in phases or may drop the part scope of work at any stage of the project or get the works done through another contractor at the cost of the accepted tenderer within its sole discretion without assigning any reason(s) for doing so and no claim / correspondence shall be entertained in this regard.

11.2 In case it is decided by the SBI to reduce the scope of work at any stage of the project, the contractor shall not be entitled to raise any claim / compensation on account of reduction in scope of work. Also, the SBI may consider for increase in scope of similar work in other buildings in phases but within a reasonable time interval and the contractor shall be bound to execute the same within the stipulated time period and as per rates quoted by them in this tender without any claim for price escalation.

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## LETTER OF UNDERTAKING

To,  
 The Assistant General Manager,  
 Premises & Estate Department,  
 Local Head Office, SYNERGY,  
 Mumbai Metro Circle, 3<sup>RD</sup> Floor, C-6,  
 G-Block, Bandra Kurla Complex,  
 Bandra East,  
 Mumbai-400 051.

Dear Sir,

Having examined the drawings, specification, design and schedule of quantities relating to the works specified in the memorandum hereinafter set out and having visited and examined the site of the works specified in the said memorandum and having acquired the requisite information relating thereto as affecting the tender, I/We hereby offer to execute the works specified in the said memorandum at the rates mentioned in the attached Schedule of Quantities and in accordance in all respects with the specifications, design, drawings and instructions in writing referred to in conditions of tender, the Articles of Agreement, Special Conditions, Schedule of Quantities and Conditions of Contract and with such materials as are provided for by, and in all other respects in accordance with such conditions so far as they may be applicable.

### MEMORANDUM

(a)	Description of work	Proposed Civil & Interior Works of N.A.C.H Branch, World Trade Center, (Arcade Shopping Centre), Cuff Parade, Mumbai- 400 005.
(b)	Earnest Money	<b>Rs. 37,750/- (Rupees Thirty Seven Thousand Seven Hundred Fifty Only/-)</b> by means of Demand Draft / Pay Order (Valid for a period of 90 Days from the last date of submission of the tender) from any scheduled Nationalized Bank drawn in favour of Assistant General Manager (P&E) payable at Mumbai.
(c)	Time allowed for completion of the Works from Seven day after the date of written Order or date of handing over of the site (Whichever is later) to commence the work	<b>2 months</b>

- 1) Should this tender be accepted, I/we hereby agree to abide by and fulfill the terms and provisions of the said conditions of contract annexed hereto so far as may be applicable or in default thereof to forfeit and pay to SBI the amount mentioned in the said contract.
- 2) I / We have deposited a sum of **Rs. 37,750/- (Rupees Thirty Seven Thousand Seven Hundred Fifty Only/-)** as Earnest Money with SBI which amount is not to bear any interest. Should I / We fail to execute the Contract when called upon to do so, I / we do hereby agree that this sum shall be forfeited by me/us to SBI.

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- 3) I/ We have read and understood various clauses of this tender and hereby submit our specific undertaking and concurrence in terms clause 6.2 of "Instruction to tenderer" to deposit **Additional Security Deposit (ASD)** of required amount as provided for in this tender and within the stipulated period, in case, my/our tender is found too low (i.e. beyond 7.5% of the estimated cost), as a performance guarantee for due fulfilment of our contractual obligation for the project.

Further, under any circumstances, whatsoever, if I/We fail to comply the same including compliance of any such other conditions of tender within the stipulated time. I /We hereby, authorized SBI to cancel my/Our tender, to forfeit my EMD/ISD/ASD and to take further necessary action as deemed fit including debarring our firm from participating in SBI future tenders/de-paneling etc.

- 4) I/ We understand that as per terms of this tender, SBI may consider accepting our tender in part or whole or may entrust the various work proposed in phases. We, therefore, undertake that we shall not raise any claim/ compensation in the eventuality of Bank deciding to drop any of the work from the scope of work of this tender at any stage during the contract period. Further, we also undertake to execute the work entrusted to us in phases on our approved percentage and within stipulated time limit without any extra claim for price escalation as also provided for in the clause 11.2 "Instructions to Tenderers" of this tender.
- 5) I/ We, hereby, also undertake that, we will not raise any claim for any escalation in the prices of any of the material during the currency of contract/execution/completion period including authorized extended contract period, if any.

- 6) Our Bankers are:

i)

ii)

The names of partners of our firm are:

i)

ii)

Name of the partner of the firm

Authorised to sign

Or

(Name of person having Power of Attorney to sign the Contract.

(Certified true copy of the Power of Attorney should be attached)

Yours faithfully,

Signature of Contractors.

Signature and addresses of Witnesses

i)

ii)

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**(A) Contact Information**

<b>E-Procurement Technologies Ltd.</b>	<b>State Bank of India</b>
<p>B-704, Wall Street - II, Opp. Orient Club, Nr. Gujarat College, Ahmedabad - 380 006. Gujarat State, India</p> <p>Tel.: +91 79 61200 579   580   567   569   566</p> <p>Mr.Kushboo Mehta E-mail : kushboo.mehta@eptl.in Contact No : 9510813528 / 9081000427</p>	<p>To, The Assistant General Manager, Premises &amp; Estate Department, Local Head Office, SYNERGY, Mumbai Metro Circle, 3<sup>RD</sup> Floor, C-6, G-Block, Bandra Kurla Complex, Bandra East, Mumbai- 400 051.</p> <p>Officer Name : Mr. Rahul Parvate Department : Premises &amp; Estate Contact No : +91-9717462906 E-mail: rahul.parvate@sbi.co.in.</p>

**(B) SAMPLE BUSINESS RULE DOCUMENT**

**ONLINE E-TENDERING FOR PROPOSED CIVIL & INTERIOR WORKS N.A.C.H  
BRANCH, WORLD TRADE CENTRE, (ARCADE SHOPPING CENTRE),  
CUFF PARADE, MUMBAI 400 005.**

**(A) Business rules for E-tendering:**

1. Only empanelled contractors with SBI under appropriate category who are invited by the project Architect/SBI shall only be eligible to participate.
2. SBI will engage the services of an E-tendering service provider who will provide necessary training and assistance before commencement of online bidding on Internet.
3. In case of e-tendering, SBI will inform the vendor in writing, the details of service provider to enable them to contact and get trained.
4. Business rules like event date, closing and opening time etc. also will be communicated through service provider for compliance.
5. Contractors have to send by email, the compliance form in the prescribed format (provided by service provider), before start of E-tendering. Without this the vendor will not be eligible to participate in the event.
6. The Contractors will be required to submit the various documents in sealed Envelope to the office of SBI at the address mentioned hereinbefore by the stipulated date i.e. (1) Hard Copy of Technical Bid duly signed and stamped on each page (2) Demand Draft of specified amount of EMD (3) Copy of Receipt/Challan of Cost of Tender documents. Contractors not submitting any one or more documents shall not be eligible to participate in the on-line price bidding.
7. E-tendering will be conducted on schedule date & time.
8. **The e-tendering will be treated as closed only when the bidding process gets closed in all respects for the item listed in the tender.**

**(B) Terms & conditions of E-tendering:**

SBI shall finalize the Tender through e-tendering mode for which M/s. E-Procurement Technologies Ltd. has been engaged by SBI an authorized service provider. Please go through the guidelines given below and submit your acceptance to the same along with your Commercial Bid.

1. E-tendering shall be conducted by SBI through M/s. E-Procurement Technologies Ltd., on pre-specified date. While the Contractors shall be quoting from their own offices/ place of their choice, Internet connectivity and other paraphernalia requirements shall have to be ensured by Contractors themselves. In the event of failure of their Internet connectivity, (due to any reason whatsoever it may be) it is the bidders' responsibility. In order to ward-off such contingent situation bidders are requested to make all the necessary arrangements/ alternatives such as back-up power supply whatever required so that they are able to circumvent such situation and still be able to participate in the E-tendering successfully. Failure of power at the premises of Contractors during the E-tendering cannot be the cause for not

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participating in the E-tendering. On account of this the time for the E-tendering cannot be extended and SBI is not responsible for such eventualities.

2. M/s. E-Procurement Technologies Ltd., shall arrange to train your nominated person(s), without any cost to you. They shall also explain you all the Rules related to the E-tendering. You are required to give your compliance on it before start of bid process.
3. BIDDING CURRENCY AND UNIT OF MEASUREMENT: Bidding will be conducted in Indian currency & Unit of Measurement will be displayed in Online E-tendering.
4. BID PRICE: The Bidder has to quote the rate as per the Tender Document provided by SBI their appointed Architects.
5. VALIDITY OF BIDS: The Bid price shall be firm for a period specified in the tender document and shall not be subjected to any change whatsoever.
6. Procedure of E-tendering:
  - i. **Online E-tendering:**
    - (a) The NIT & Technical bid available on the Bank's website during the period specified in the NIT.
    - (b) Online e-tendering is open to the empanelled bidders who receive NIT from the Architect and qualified for participating in the price bidding as provisions mentioned herein above through SBI approved Service Provider.
    - (c) The Price-Bid shall be made available online by the Service Provider wherein the contractors will be required to fill-in their percentage above/below the estimated cost.
    - (d) The Contractors are advised not to wait till the last minute to submit their online item-wise quote in the price bid to avoid complications related with internet connectivity, network problems, system crash down, power failure, etc.
    - (e) It is mandatory to all the bidders participating in the price bid to quote their rates for each and every item.
    - (f) In case, contractor fails to quote their rates for any one or more tender items, their tender shall be treated as ***"Incomplete Tender"*** and shall be liable for rejection.
7. LOG IN NAME & PASSWORD: Each Bidder is assigned a Unique User Name & Password by M/s. E-Procurement Technologies Ltd. The Bidders are requested to change the Password after the receipt of initial Password from M/s. E-Procurement Technologies Ltd. All bids made from the Login ID given to the bidder will be deemed to have been made by the bidder.
8. BIDS PLACED BY BIDDER: Bids will be taken as an offer to execute the work as specified. Bids once made, cannot be cancelled / withdrawn and the Bidder shall be bound to execute the work at the quoted bid price. In case the L-1 Bidder backs out or fail to complete the work as per the rates quoted, SBI shall at liberty to take action as deemed necessary including de-paneling such contractors and forfeiting their EMD.
9. At the end of the E-tendering, SBI will decide upon the winner. SBI decision on award of Contract shall be final and binding on all the Bidders.

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10. SBI shall be at liberty to cancel the E-tendering process / tender at any time, before ordering, without assigning any reason.
11. SBI shall not have any liability to bidders for any interruption or delay in access to the site irrespective of the cause.
12. Other terms and conditions shall be as per your techno-commercial offers and other correspondences till date.
13. OTHER TERMS & CONDITIONS:
  - The Bidder shall not involve himself or any of his representatives in Price manipulation of any kind directly or indirectly by communicating with other suppliers / bidders.
  - The Bidder shall not divulge either his Bids or any other exclusive details of SBI to any other party.
  - SBI decision on award of Contract shall be final and binding on all the Bidders.
  - SBI reserve their rights to extend, reschedule or cancel any E-tendering within its sole discretion.
  - SBI or its authorized service provider M/s. E-Procurement Technologies Ltd. shall not have any liability to Bidders for any interruption or delay in access to the site irrespective of the cause.
  - SBI or its authorized service provider/s. E-Procurement Technologies Ltd. is not responsible for any damages, including damages that result from, but are not limited to negligence.
  - SBI or its authorized service M/s. E-Procurement Technologies Ltd. will not be held responsible for consequential damages, including but not limited to systems problems, inability to use the system, loss of electronic information etc.

N.B.

- All the Bidders are required to submit the Process Compliance Statement (Annexure II) duly signed to M/s. E-Procurement Technologies Ltd..
- **All the bidders are requested to ensure that they have a valid digital signature certificate well in advance to participate in the online event.**

**SIGNATURE OF THE CONTRACTOR  
WITH SEAL**

Signature of Contractor with Seal

**(D) Process Compliance Statement (Annexure II)**

(The bidders are required to print this on their company's letter head and sign, stamp before emailing)

To,  
E-Procurement Technologies Ltd. (Auction Tiger)  
B-704 Wall Street - II,  
Opp. Orient Club,  
Nr. Gujarat College, Ahmedabad - 380 006.  
Gujarat State, India

Sub: **Tender for Proposed Civil & Interior Works of N.A.C.H Branch, World Trade Center, ,(Arcade Shopping Centre), Cuff Parade, Mumbai- 400 005.**

**Dear Sir,**

This has reference to the Terms & Conditions for the Reverse Auction mentioned in the Tender document

**This letter is to confirm that:**

- 1) The undersigned is authorized representative of the company.
- 2) We have studied the Commercial Terms and the Business rules governing the Reverse Auction as mentioned in RFP of SBI as well as this document and confirm our agreement to them.
- 3) We also confirm that we have taken the training on the auction tool and have understood the functionality of the same thoroughly.
- 4) We confirm that SBI and ETL shall not be liable & responsible in any manner whatsoever for my/our failure to access & bid on the e-auction platform due to loss of internet connectivity, electricity failure, virus attack, problems with the PC, any other unforeseen circumstances etc. before or during the tendering event.
- 5) **We also confirm that we have a valid digital signature certificate issued by a valid Certifying Authority.**
- 6) We also confirm that we will mail the price confirmation / break up of our quoted price within 24 hours of the completion of the bid/ reverse auction and the format as requested by SBI/ETL.
- 7) We, hereby confirm that we will honor the Bids placed by us during the E-tendering/ auction process.

With regards,

Date:

Signature with company seal

Name:

Company / Organization:

Designation within Company / Organization:

Address of Company / Organization:

Scan it and send to this Document on [kushboo.mehta@eptl.in](mailto:kushboo.mehta@eptl.in)

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**GENERAL CONDITIONS OF CONTRACT**

**1.0 Definitions: -**

“Contract means the documents forming the tender and the acceptance there of and the formal agreement executed between State Bank of India (client) and the contractor, together with the documents referred there in including these conditions, the specifications, designs, drawings and instructions issued from time to time by the architects/ Bank and all these documents taken together shall be deemed to form one contract and shall be complementary to one another.

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

1.1.1 ‘SBI’ shall mean State Bank of India (client) having its office at State Bank of India, Premises & Estate Department, Mumbai Metro, Local Head Office, Bandra Kurla Complex, Mumbai and includes the client’s representatives, successors and assigns.

1.1.2 ‘Architects/ Consultants’ shall mean M/s Kala Arekhan, Architects & Interior Designers, Mumbai.

1.1.3 ‘Site Engineer’ shall mean an Engineer appointed by the Bank at site as their representative for day-to-day supervision of work and to give instructions to the contractors.

1.1.4 ‘The Contractor’ shall mean the individual or firm or company whether incorporated or not, undertaking the works and shall include legal personal representative of individual or the composing the firm or company and the permitted assignees of individual or firms of company.

The expression ‘works’ or ‘work’ shall mean the permanent or temporary work description in the “Scope of work” and / or to be executed in accordance with the contract includes materials, apparatus, equipment, temporary supports, fittings and things of kinds to be provided, the obligations of the contractor hereunder and work to be done by the contractor under the contract.

1.1.5 ‘Engineer’ shall mean the representative of the Architect/consultant.

1.1.6 ‘Drawings’ shall mean the drawings prepared by the Architects and issued by the Engineer and referred to in the specifications and any modifications of such drawings as may be issued by the Engineer from time to time ‘Contract value shall mean value of the entire work as stipulated in the letter of acceptance of tender subject such additions there to or deductions there from as may be made under the provide herein after contained.

1.1.7 “Specifications” shall mean the specifications referred to in the tender and modifications thereof as may time to time be furnished or approved by the Architect/ Consultant.

1.1.8 “Month” means calendar month.

1.1.9 “Week” means seven consecutive days.

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- 1.1.10 "Day" means a calendar day beginning and ending at 00 Hrs and 24 Hrs respectively.
- 1.1.11 "Bank's Engineer" shall mean The Civil / Electrical Engineer in - charge of the Project, as nominated by the AGM (P&E).
- 1.1.12 The following shall constitute the Joint Project Committee ( herein under referred to as JPC) for assessing and reviewing the progress of the work on the project and to issue instructions or directions from time to time for being observed and followed by the Architects site Engineer /PMC and other consultants / contractors engaged in the execution of the project.
- i) Assistant General Manager, Premises & Estate Deptt., SBI, who shall be the Chairman of the Committee.
  - ii) Bank's Engineer (civil and Electrical) in-charge of the Project, as may be nominated by the AGM (P&E) .....Members
  - iii) Concerned partner of the Architects and their Resident Architect....Member.
  - iv) Project Manager OR Resident Engineer –in-charge of project of the PMC...Member and Secretary respectively.

## **CLAUSE**

### 1.0 **Total Security Deposit**

Total Security deposit comprise of

Earnest Money Deposit

Initial security deposit

Retention Money

#### a) **Earnest Money Deposit -**

The tenderer shall furnish EMD of Rs. **37,750/-** in the form of Demand drawn in favour of Assistant General Manager (Premises & Estate) SBI, LHO Mumbai, payable at Mumbai on any Scheduled Bank. No tender shall be considered unless the EMD is so deposited in the required form. No interest shall be paid on this EMD. The EMD of the unsuccessful tenderer shall be refunded soon after the decision to award the contract is taken without interest. The EMD shall stand absolutely forfeited if the tenderer revokes his tender at any time the period 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.

#### b) **Initial Security Deposit (ISD)**

The amount of ISD shall be 2% of accepted value of tender in the form of DD/FDR drawn on any scheduled Bank and shall be deposited within 10 days from the date of acceptance of tender.

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## **ADDITIONAL SECURITY DEPOSIT / PERFORMANCE GUARANTEE**

In case L-1 bidder quotes abnormally low rates (i.e. 7.5% or more, below estimated project cost), the bank may ask such bidder to deposit additional security deposit (ASD) equivalent to difference between 92.5% of estimated cost vis-à-vis L-1 quoted amount for due fulfillment of contract as performance guarantee. Such ASD could be in the form of FDR / Bank's guarantee in the Bank's name as per format approved by the Bank. On successful completion of work ASD will be returned to the contractor. In case contractor fails to complete the work in time or as per tender specification or leave the job incomplete, the bank will be at liberty to recover the dues from ASD or to forfeit such ASD as the case may be within its sole discretion. No interest shall be paid to the amount retained by the Bank as Security Deposit.

c) **Retention Money: -**

Besides the SD as deposited by the contractor in the above said manner, the Retention money shall be deducted from the running account bill at the rate of 10% of the gross value of work done by the contractor and claimed in each bill provided the total security deposit i.e. ISD plus EMD plus Retention Money shall both together not exceed 5% of the contract value. The 50% of the total security deposit shall be refunded to the contractor without any interest on issue of Virtual Completion certificate by the Architect/consultant. The balance 50% of the total security deposit shall be refunded to the contractors without interest within fifteen days after the end of defects liability period provided the contractor has satisfactorily attended to all defects in accordance with the conditions of contract including site clearance.

2.0 **Language**

The language in which the contract documents shall be drawn shall be in English.

3.0 **Errors, omissions and discrepancies**

In case of errors, omissions and/ or disagreement between written and scaled dimensions on the drawings or between the drawings and specifications etc., the following order shall apply.

- i) Between scaled and written dimension (or description) on a drawing, the latter shall be adopted.
- ii) Between the written or shown description or dimensions in the drawings and the corresponding one in the specification the former shall be taken as correct.
- iii) Between written description of the item in the specifications and descriptions in bills of quantities of the same item, the former shall be adopted:
  - a) In case of difference between rates written in figures and words, the rate in words shall prevail.
  - b) Between the duplicate / subsequent copies of the tender, the original tender shall be taken as correct.

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**4.0 Scope of Work:**

The contractor shall carryout complete and maintain the said work in every respect strictly accordance with this contract and with the directions of and to the satisfaction 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 write instructions, details directions and explanations which are here after collectively references to as Architect's /consultant's instructions in regard to the variation or modification of the design, quality or quantity of any work or the addition or omission or substitution work. Any discrepancy in the drawings or between BOQ and / or drawings and / or specifications. The removal from the site of any material brought thereon by the Contractor and any substitution of any other materials therefore the removal and / or re-executed of any work executed by him. The dismissal from the work of any person engaged thereupon.

**5.0 i) Letter of Acceptance:**

Within the validity period of the tender the Bank shall issue a letter of acceptance directly or through the architect by registered post or otherwise depositing at the 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 bind contract between the SBI and the contractor.

**ii) 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 there of shall sign an agreement in a non-judicial stamp paper of appropriate value.

**6.0 Ownership of drawings:**

All drawings, specifications and copies thereof furnished by the SBI through its Architect / consultants are the properties of the SBI. They are not to be used on other work.

**7.0 Detailed drawings and instructions:**

The SBI through its architects / consultants shall furnish with reasonable proper additional instructions by means of drawings or otherwise necessary for the execution of the work. All such drawings and instructions shall be consistent with contract documents, true developments thereof and reasonably inferable there.

The work shall be executed in conformity therewith and the contractor prepare a detailed programme schedule indicating therein the date of start and completion of various activities on receipt of the work order and submit the same to the SBI through the architect/consultant

**7.0 Copies of agreement**

Two copies of agreement duly signed by both the parties with the drawings shall be handed over to the contractors.

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**8.0 Liquidated damages:**

If the contractor fails to maintain the required progress in terms of GCC or to complete the work and clear the site including vacating their office on or before the contracted or extended date or completion, 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 0.50% of the contract value which subject to a maximum of 5% of the contract value.

**9.0 Materials, Appliances and Employees**

Unless or otherwise specified the contractor shall provide and pay for all materials, labour, water, power, tools, equipment transportation and any other facilities that are required for the satisfactory execution and completion of the work. Unless or otherwise specified all materials shall be new and both workmanship and materials 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.

**10.0 Permits, Laws and Regulations:**

Permits and licenses required for the execution of the work shall be obtained by the contractor at his own expenses. The contractor shall give notices and comply with the regulations, laws, and ordinances rules, applicable to the contract. If the contractor observes any discrepancy between the drawings and specifications, he shall promptly notify the 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.

**11.0 Setting out Work:**

The contractor shall set out the work and shall be responsible for the true and perfect setting out of the same and for the correctness of the positions, levels, dimensions, and alignment of all 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 works, irrespective of the fact that the layout had been approved by, the architect / consultant the contractor shall be responsible for the same and shall his own expenses rectify such error, if so, required to satisfaction of the SBI.

**12.0 Protection of works and property:**

The contractor shall continuously maintain adequate protection. Of all his work from damage and shall protect the SBI's properties from injury or loss arising in connection with contract. He shall make good any such damage, injury, loss, except due to causes beyond his control and due to his fault or negligence.

He shall take adequate care and steps for protection of the adjacent properties. The contractor shall take all precautions for safety and protections of his employees on the works and shall comply with all applicable provisions of Govt. and local bodies' safety laws and building codes to prevent accidents, or injuries to

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persons or property on about or adjacent to his place of work. The contractor shall take insurance covers as per clause 25.0 at his own cost. The policy may be taken in joint names of the contractor and the SBI and the original policy may be lodged with the SBI.

**13.0 Inspection of work:**

The SBI / Architect / Consultant or their representatives shall at all reasonable times have free access to the work site and / or to the workshop, factories, or other places where materials are lying or from where they are obtained and the contractor shall give every facility to the SBI/Architect/consultant and their representatives necessary for inspection and examination and test of the materials and workmanship. No person unless authorized by the SBI/ Architect /Consultant except the representative 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.

**14.0 Assignment and subletting**

The whole of work included in the contract shall be executed the contractor and he shall not directly entrust and engage or indirectly transfer, assign or underlet the contract or any part or share there of 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.

**15.0 Quality of materials, workmanship & Test**

All materials 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 to such tests as the architect/consultant may direct at the place of manufacture or fabrication or on the site or an approved testing laboratory. The contractor shall provide such assistance, instruments, machinery, labour, and materials as are normally required for examining measuring sampling and testing any material or part of work before incorporation in the work for testing as may be selected and required by the architect/consultant.

**ii) Samples**

All samples of adequate numbers, size, shades & pattern as per 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 or prepared 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 sample / 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 materials / equipment etc. shall be to the account of the contractor.

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iii) **Cost of tests**

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

iv) **Costs of tests 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 the cases above mentioned) is not so particularised, or though so intended or provided for but ordered by the Architect / Consultant 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.

16.0 **Obtaining information related to execution of work**

No claim by the contractor for additional payment shall be entertained which is consequent upon failure on his part to obtain correct information as to any matter affecting the execution of the work nor any misunderstanding or the obtaining incorrect information or the failure to obtain correct information relieve him from any risks or from the entire responsibility for the fulfilment of contract.

17.0 **Contractor's superintendence**

The contractor shall give necessary personal superintendence during the execution the works and as long, thereafter, as the Architect / Consultant may consider necessary until the expiry of the defects liability period, stated here to.

18.0 **Quantities**

- i) The bill of quantities (BOQ) unless or otherwise stated shall be deemed to have been prepared in accordance with the Indian Standard Method of Measurements and quantities. The rate quoted shall remain valid for variation of quantity against individual item to any extent. The entire amount paid under Clause 19, 20 hereof as well as amounts of prime cost and provision sums, if any, shall be excluded.

19.0 **Works to be measured**

The Architect/Consultant may from time to time intimate to the contractor that he require the work to be measured and the contractor shall forthwith attend or send a quantity representative to assist the Architect in taking such measurements and calculation and to furnish all particulars or to give all assistance required by any of them. Such measurements shall be taken in accordance with the Mode of measurements detail in the specifications. The representative of the Architect / Consultant shall take measurements with the contractor's representative and the measurements shall be entered in the measurement book. The contractor or his authorised 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 over writings shall be made in the M book should the contractor not attend or neglect or omit to depute his representative to take measurements the measurements recorded by the

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representative of the Architect / consultant shall be final. All authorized extra work, omissions and all variations made shall be included such measurement.

## 20.0 Variations

No alteration, omission or variation ordered in writing by the Architect / consultant vitiates the contract. In case the SBI / Architect / Consultant thinks proper at any 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 shall confirm in writing within seven days of giving such oral instructions the contract shall alter to, add to, or omit from as the case may be in accordance with such but the contractor shall not do any work extra to or make any alterations 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.

## 21.0 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)
  - (i) 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.
  - (ii) 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 prices 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.

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- 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.

#### 22.0 Final measurement

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

#### 23.0 Virtual Completion Certificate (VCC)

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

- a) Clear the site of all scaffolding, wiring, pipes, surplus materials, contractor's labour equipment and machinery.
- b) Demolish, dismantle and remove the contractor's site office, temporary works, structure including labour sheds/camps and constructions and other items and things whatsoever brought upon or erected at the site or any land allotted to the contractor by the SBI 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 the site and all land allot by the 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 Architects to the full satisfaction of SBI.

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

This issuance of a VCC shall not be without prejudice to the SBI's rights and contractor liabilities under the contract including the contractor's liability for defects liability nor shall the issuance of VCC in respect of the works or work at any site be construction as a waiver of any right or claim of the S.B.I. against the contractor in respect of or work at the site and in respect of which the VCC has been issued.

#### 24.0 Work by other agencies

The SBI / Architect / consultant reserves the rights to use premises and any portion the site for execution of any work not included in the scope of this contract with 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

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work shall be carried out in such manner as not to impede the progress of the works included in the contract.

**25.0 Insurance of works**

25.1 Without limiting his obligations and responsibilities under the contract the contractor shall insure in the joint names of the SBI and the contractor against all loss of damages from whatever cause arising other than the excepted risks, for which he is responsible under the terms of contract and in such a manner that the SBI and contractor are covered for the period stipulated In clause of 28GCC 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 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 constructional plant and other things brought on 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 the SBI which approval shall not be unreasonably withheld and the contractor shall whenever required produce to the Architect / consultant the policy if insurance and the receipts for payment of the current premiums.

**25.2 Damage to persons and property**

The contractor shall, except if and 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, costs, charges and expenses whatsoever in respect of or in relation thereto except any compensation of 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 works 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 for 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 or 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 injury.

**25.3 Contractor to indemnify SBI**

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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 25.2 of this clause.

#### **25.4 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 or 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 there from, 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.

#### **25.5 Third Party Insurance**

25.5.1 Before commencing the execution of the work the contractor but without limiting his obligations and responsibilities under clause 25.0 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 25.0 there of.

#### **25.5.2 Minimum amount of Third Party Insurance**

Such insurance shall be affected 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.

25.6 The minimum insurance cover for physical property, injury, and death is Rs.5 Lakh 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.

#### **25.7 Accident or Injury to workman:**

25.7.1 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 or 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.

#### **25.7.2 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 that any persons are employed by him on the works and shall, when required, produce to the architect / consultant such policy of

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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 insured 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 such policy of insurance and the receipt for the payment of the current premium.

#### 25.7.3 **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 from any amount due or which may become due to the contractor, or recover the same as debt from the contractor.

25.7.4 Without prejudice to the others rights of the SBI against contractors. In respect of such default, the employer 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 contractor and the Contractor shall not be entitled to any further payment in respect of the expenditure incurred for rebuilding or repairing of the materials or goods destroyed or damaged.

#### 26.0 **Commencement of Works:**

The date of commencement of the work will be reckoned as the date of fourteen days from the date of award of letter by the SBI or Letter is issued to the Contractor/ or

The day on which the Contractor is Instructed to take possession of the Site whichever is earlier.

#### 27.0 **Time for completion**

Time is essence of the contract and shall be strictly observed by the contractor. The entire work shall be completed within a period of 2 calendar months from the date of commencement. If required in the contract or as directed by the Architect / consultant. The contractor shall complete certain portions of 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.

#### 28.0 **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

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furnish the reason 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 provision of liquidated damages as stated under clause 8.0 shall become applicable. Further the contract shall remain in force even for the period beyond the due date of completion irrespective whether the extension is granted or not.

**29.0 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 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 relieve, the contractor from fulfilling obligations under the contract nor he will be entitled to raise any claims arising out of such directions.

**30.0 Work during nights and holidays**

Subject to any provision to the contrary contained in the contract no permanent work shall save as 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 provisions 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 / 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.

**31.0 No compensation or restrictions of work**

If at any time after acceptance of the tender SBI shall decide to abandon or reduce the scope of work for any reason whatsoever and hence not required 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 what so ever 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 or part of the work.

Provided that the contractor shall be paid the charges on the cartage only of materials actually and bonafide 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.

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“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.

### 32.0 Suspension of work

- i) The contractor shall, on receipt of the order in writing of the Architect / consultant (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 to 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 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.
- ii) 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.

### 33 Action when the whole security deposit is forfeited

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:

- a) To rescind the contract (of which rescission notice in writing to the contractor by - 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.
- b) To employ labour paid by the SBI and to supply materials to carry out the work, or part of the work, debiting the contractor with the cost of the labour and materials cost of such labour and materials as worked out by the Architect/consultant shall final and conclusive against the contractor and crediting him with the value of the work done, in all respects in the same manner and at the same manner and at the same rates as if it had been carried out by the contractor under the terms of this contract certificate of architect /consultant as to the value of work done shall be final conclusive against the contractor.
- c) To measure up the work of the contractor, and to take such part thereof as shall unexecuted, out of his hands, and to give it to another contractor to complete in which case any expenses which may be incurred in excess of the sum which would have been paid to the original contractor, if the whole work had been executed by him ( The amount of which excess the certificates in writing of the Architects / consultant shall 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.

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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 rescind under the provision aforesaid, the contractor shall not be entitled to recover or to be paid any sum or any work there to 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.

**34.0 Owner's right to terminate the contract**

If the contractor being an individual or a firm commit any 'Act of insolvency' or shall be adjusted an insolvent or being an incorporated company shall have an order for compulsory winding up voluntarily or subject to the supervision of Govt. 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 dye 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 works 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 perform all or any of the acts matters or things by this contract to be observed and performed by the contactor 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 or Architect's / consultant's instructions 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 waiver, after giving seven days' notice in writing to the contractor, determine the contract, but without thereby affecting the 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 determined and as if the works subsequently had been executed by or on behalf of the contractor. And, further the SBI through the Architect / consultant their agents or employees may enter upon and take possession of the work and all plants, took scaffoldings, materials, sheds, machineries lying upon the premises or on the adjoining lands or roads use the same by means of their own employees or workmen in carrying on and completing the work or by engaging any other

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contractors or persons to 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 employed for complement 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 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 receive thereof by him the SBI sell the same by publication, and 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.

### 35.0 **Certificate of payment**

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

Provided always that the issue of any certificate by the Architect / consultant during progress of works or completion shall not have effect as certificate of satisfaction relieve the contractor from his liability under clause.

The Architect / consultant shall have power to withhold the certificate if the work or in part thereof is not carried out to their satisfaction.

The Architect / consultant may by any certificate make any corrections required 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 M books

The Contractor shall not submit interim bills when the approximate value of work done by him is less than **Rs.20.00 lakh** .

The final bill may be submitted by contractor within a 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. The SBI shall pay the amount within a period of three 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.

### 36.0 **Settlement of Disputes and Arbitration**

Except where otherwise provided in the contract all questions and disputes to the meaning of the specifications, design, drawings and instructions herein before 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:

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- i) 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. Mumbai. 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 Bank 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.
- ii) The Asst. General Manager (Premises & Estate) shall give his decision in writing on the claims notified by 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. Mumbai. For conciliation along with all details and copies of correspondence exchanged between him and the Asst. General Manager (Premises & Estate).
- iii) 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 Bank for appointment of an arbitrator to adjudicate the notified claims falling which the claims of the contractor shall be deemed to have been considered absolutely barred and waived.
- iv) 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 Bank 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 let by his predecessor.

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.

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.

The conciliation and arbitration shall be conducted in accordance with the provisions of the Arbitration & Conciliation Act 1996 or any or any accordance modification or re-enactment thereof and the rules made there under.

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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.

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.

### 37.0 **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 condition.

- i) That the water used by the contractor shall be fit for construction purposes to the satisfaction of the Architect / consultant's.
- ii) The contractor shall make alternative arrangements for the supply of water if the arrangement made by the contractor for procurement of water in the opinion of the Architect / consultant is unsatisfactory.
- iii) In case contractor is permitted to use Bank's source of water i.e. Municipal connection, Bore well (existing or new) etc., the Bank may consider recovering @1% of contract amount form the final bill of contractor.

37.1 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 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 hand over the well to the SBI without any compensation as directed by the architect / consultant.

### 38.0 **Power supply**

The contractor shall make his own arrangements 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, by 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 approval from the appropriate authorities, if required.

### 39.0 **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.

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**40.0 Method of measurement**

Unless otherwise mentioned in the schedule of quantities or in mode of measurement, the 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

**41.0 Maintenance of registers**

The contractor shall maintain the following registers as per the enclosed perform at 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 / Govt. 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

**42.0 Force Majeure**

42.1 Neither contractor nor SBI shall be considered in default in performance of the obligations if such performance is prevented or delayed by events such as but not war, hostilities revolution, riots, civil commotion, strikes, lockout, conflagrations, epidemics, accidents, fire, storms, floods, droughts, earthquakes or ordinances or any act of or for any other cause beyond the reasonable control of the party affected or prevents or delayed. However a notice is required to be given within 30 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.

42.2 As soon as the cause of force majeure has been removed the party whose ability 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.

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

42.4 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 each other to decide regarding the future execution of this agreement.

**43.0 Local laws, Acts Regulations:**

The contractor shall strictly adhere to all prevailing labour laws inclusive at contract labour (regulation and abolition act of 1970) and other safety regulations. The contractors should comply with the provision of all labour legislation including the latest requirements of the 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)

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- v) Apprentice act 1961 (amended)
- vi) Industrial employment (standing order) Act 1946 (Amended)
- vii) Personal injuries (Compensation insurance) act 1963 and any other modifications
- viii) Employees' provident fund and miscellaneous provisions Act 1952 and amendment thereof
- ix) Shop and establishment act
- x) Any other act or enactment relating thereto and rules framed there under from time to time.
- xi) Prevailing Indian Electricity rules & act.

44.0 **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 immediately to the competent authority whenever such report is required to be lodged by the law and take appropriate actions thereof.

## **SPECIAL CONDITION OF CONTRACT**

### **Scope of work**

1.0 The scope of work is to carry out for Proposed Civil & Interior Works of N.A.C.H Branch, World Trade Center ,(Arcade Shopping Centre), Cuff Parade, Mumbai- 400 005.

### **2.0 Address of site**

The site is located at N.A.C.H Branch, World Trade Center ,(Arcade Shopping Centre), Cuff Parade, Mumbai- 400 005.

### **3.0 Dimensions and levels**

All dimensions and levels shown on the drawings shall be verified by the contractor at the site and he will be held responsible for the accuracy. Figured dimensions are in all cases to be accepted and dimension shall not be scaled. Large scale details shall take precedence over small scale drawings. In case of discrepancy the contractor shall ask for clarification from the Architect / consultant before proceeding with the work.

### **4.0 Notice of operation**

The contractor shall not carry out any important operation without the Consent in writing from the Bank's Engineer/Architect / Consultant.

### **5.0 Construction records**

The contractor shall keep and provide to the Architect / consultant full and accurate records of the dimensions and positions of all new work and any other information necessary to prepare complete drawings recording details of the work as construction.

### **6.0 Safety of adjacent structures and trees**

The contractor shall provide and erect to the approval of the Architect / consultant supports as may be required to protect effectively all structures and protective give to trees, which may be endangered by the execution of the works or otherwise such permanent measures as may be required by the Architect to protect the tree structures.

### **7.0 Temporary works**

Before any temporary works are commenced the contractor shall submit at least in advance to the architect / consultant for approval complete drawings of all temporary works he may require for the execution of the works. The contractor shall carry out the modifications relating to strength, if required by the architect / consultant may require in accordance with the conditions of contract at his own cost. The contractor shall be solely responsible for the stability and safety of all temporary works and unfinished works and for the quality of the permanent works resulting from the arrangement eventually adopted for their execution.

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**8.0 Water power and other facilities**

- a) The rate quoted by the contractor shall include all expenses that are required for providing all the water required for the work and the contractor shall make his own arrangements for the supply of good quality water suitable for the construction and good quality drinking water for their workers. If necessary the contractor has to sink a tube well / open well and bring water by means of tankers at his own cost for the purpose. The SBI will not be liable to pay any charges in connection with the above
- b) The rate quoted in the tender shall include the expenses for obtaining and maintaining power connections and shall pay for the consumption charges
- c) The contractors for other trades directly appointed by the SBI shall be entitled to take power and water connections from the temporary water and power supply obtained by the contractor. However, the concerned contractor shall make their own arrangements to draw the supply and pay directly the actual consumption charges at mutually agreed rates between them. All municipal charges for drainage and water connection for Construction purposes shall be borne by the contractor and charges payable for permanent connections, if any, shall be initially paid by the contractor and the SBI will reimburse the amount on production of receipts
- d) The SBI as well as the Architect / consultant shall give all possible assistance to the Contractor's to obtain the requisite Permission from the various authorities, but the responsibility for obtaining the same in time shall be of the contractor

**9.0 Facilities for contractor's employees**

The contractor shall make his own arrangement for the housing and welfare of his staff and workmen including adequate drinking water facilities. The contractor shall also make the arrangements at his own cost for transport where necessary for his staff and workmen to and from site of work at his own cost.

**10.0 Lighting of works**

The contractor shall at all times provide adequate and approved lighting as required for the proper execution and supervision and inspection of work.

**11.0 Fire fighting arrangements**

- i) The contractor shall provide suitable arrangement for fire fighting at his own cost. This purpose he shall provide requisite number of fire extinguishers and adequate number of buckets, some of which are to be always kept filled with sand and some with water these equipment's shall be provided at suitable prominent and easily accessible place and shall be properly maintained.
- ii) Any deficiency in the fire safety or unsafe conditions shall be corrected by the contractor at his own cost and, to the approval of the relevant authorities. The contractor make the following arrangements at his own cost but not limited the following:
  - a) Proper handling, storage and disposal of combustible materials and waste.
  - b) Work operations which can create fire hazards.
  - c) Access for fire-fighting equipment's.
  - d) Type, number and location of containers for the removal of surplus materials and rubbish.

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- e) Type, size, number and location of fire extinguishers or other fire fighting equipment.
- f) General house keeping

**12.0 Site order book**

A site order book shall be maintained at site for the purpose of quick communication between the Architect / Consultant. Any communication relating to the work may be conveyed through records in the site order book. Such a communication from one party to the other shall be deemed to have been adequately served in terms of contract. Each site order book shall have machine numbered pages **in triplicate** and shall carefully maintained and preserved by the contractor and shall be made available to the architect / consultant as and when demanded- Any instruction which the architect /consultant may like to issue to the contractor or the contractor may like to bring to the architect / consultant two copies of such instructions shall be taken from the site order book and one copy will be handed over to the party against proper acknowledgment and the second copy will be retained for their record.

**13.0 Temporary fencing/ barricading**

The contractor shall provide and maintain a suitable temporary fencing / barricading and gates at his cost to adequately enclose all boundaries of the site for the protection of the public and for the proper execution and security of the work and in accordance with the requirement of the architect/ consultant and regulations of local authorities. These shall be altered, relocated and adopted from time to time as necessary and removed on completion of the work.

**14.0 Site meetings**

Site meetings will be held to review the progress and quality evaluation. The contractor shall depute a senior representative along with the site representative and other staff of approved sub-contractors and suppliers as required to the site meetings and ensure all follow up actions. Any additional review meetings shall he held if required by the architect/ consultant.

**15.0 Disposal of refuse**

The contractor shall cart away all debris, refuse etc. arising from the work from the site and deposit the same as directed by the architect / consultant at his own cost. It is the responsibility of the contractor to obtain from the local authorities concerned to the effect that all rubbish arising out of contractor's activities at the construction site or any other off-site activities borrow pits has been properly disposed off.

**16.0 Contractor to verify site measurement**

The contractor shall check and verify all site measurements whenever requested other specialists contractors or other sub-contractors to enable them to prepare the own shop drawing and pass on the information with sufficient promptness as will in any way delay the works.

**17.0 Displaying the name of the work**

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The contractor shall put up a name board of suitable size as directed by the architect/ consultant indicating therein the name of the project and other details as given by the architect/consultant at his own cost and remove the same on completion of work.

**18.0 As built drawings**

- i) For the drawings issued to the contractor by the Architect / Consultant. The architect Consultant will issue two sets of drawings to the Contractor for the items for some changes have been made. From the approved drawings as instructed by the SBI/ architect / consultant. The contractor will make the changes made on these copies and return these copies to the architect / Consultant for their approval. In case any revision is required or the corrections are not properly marked the architect / Consultant will point out the discrepancies to the contractor. The contractor will have to incorporated these corrections and / or attend to discrepancies either on copies as directed by the architect / consultant and resubmit to him for approval. The architect / consultant will return one copy duly approved by him.
- ii) For the drawings prepared by the contractor

The contractor will modify the drawing prepared by him wherever the changes made by the SBI / architect / consultant. And submit two copies of such modified drawings to the architect/ consultant for approval. The architect / consultant will return one copy of the approved drawing to the contractor.

**19.0 Approved make**

The contractor shall provide all materials from the list of approved makes at his own cost and also appoint the specialized agency for the waterproofing anti-termite, aluminium doors and windows and any other item as specified in the tender. The architect/consultant may approve any make / agency within the approved list as given in the tender after inspection of the sample/mock up.

**20.0 Procurement of materials**

The contractor shall make his own arrangements to procure all the required materials for the work .All wastages and losses in weight shall be to the contractors account

**21.0 Excise duty, taxes, levies etc;**

The contractor shall pay and be responsible for payment of all taxes, duties, levies, royalties, fees, cess or charges except GST in respect of the works including but not limited to sales tax, tax on works contract excise duty, and octroi, except GST payable in respect of materials, equipment plant and other things required for the contact. All of the aforesaid taxes, duties, levies, fees and charges except GST shall be to the contractor's account and the SBI shall not be required to pay any additional or extra amount on this account. Variation of taxes, duties, fees, levies etc if any excluding GST, till completion of work shall be deemed to be included in the quoted rates and no extra claim on this account will in any case be entertained. If a new tax or duty or levy or cess or royalty or octroi is imposed under as statutory law during the currency of contract the same shall be borne by the contractor.

**22.0 Acceptance of tender**

The SBI shall have the right to reject any or all tenders without assigning any reason. They are not to bind to accept the lowest or any tender and the tenderer or tenderers shall have no right to question the acts of the SBI. However adequate transparency would be maintained by the SBI.

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23.0 **Photographs:**

- The Contractor shall at his own expense supply to the Architects with duplicate hard copies of large photographs not less than 25 cm. x 20 cm. (10" x 8") of the works, taken from two approved portions of each building, at intervals of not more than one months during the progress of the work or at every important stage of construction.
- In addition to above, the contractor shall be bound to submit adequate no. of site photographs along with their each Running Bill for the project clearing showing major progress of work measured and claimed therein failing which the Architect/Bank may consider returning the Bill to the contractor and no claim for delay on this account will be entertained.

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**ARTICLES OF AGREEMENT**

(On non-judicial Stamp Paper of Rs. 500/-)

ARTICLES OF AGREEMENT made the \_\_\_\_\_ date of \_\_\_\_\_ between State Bank of India, having its office at Mumbai hereinafter called "the Bank" of the One Part and

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

WHEREAS the Bank is desirous of \_\_\_\_\_

\_\_\_\_\_ and has caused drawings and specifications describing the work to be done to be prepared by M/s. KALA AREKHAN, its Architects.

AND WHEREAS the said Drawings numbered \_\_\_\_\_ to \_\_\_\_\_ inclusive, the Specifications and the Schedule of Quantities 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 to the Conditions set forth herein in the Special Conditions and in the Schedule of Quantities and Conditions of Contract (all of which are collectively hereinafter referred to as "the said conditions") the works shown upon the said Drawings and / or described in the said Specifications and included in the Schedule of Quantities at the respective rates therein set forth amounting to the sum as therein arrived at our such 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 times and in the manner set forth in the said Conditions, the Contractor shall upon and subject to the said Conditions execute and complete the work shown upon the said Drawings and described in the said Specifications and the priced Schedule of Quantities.
- 2) The Employer shall pay to the Contractor the said Contract Amount, or such other sum as shall become payable, at the times and in the manner specified in the said Conditions.
- 3) The term "the Architects" in the said Conditions shall mean the said M/s. KALA AREKHAN, or in the event of their ceasing to be the Architects for the purpose of this Contract for whatever reason, such other person or persons as shall be nominated for that purpose by the Employer, not being a person to whom the Contractor shall object for reasons considered to be sufficient by the Employer, PROVIDED ALWAYS that no person or persons subsequently appointed to be Architects under this Contract shall be entitled to disregard or overrule any previous decisions or approval or direction given or expressed in writing by the outgoing Architects for the time being.

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- 4) The said Conditions and Appendix thereto shall be read and construed 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 a contract to carry out the work in respect of the entire building complex to be paid for according to actual measured quantities at the rates contained in the Schedule of Quantities and Rates or as provided in the said Conditions.
- 7) The Contractor shall afford every reasonable facility for the carrying out of all works relating to civil works, installation of lifts, Telephone, electrical installations, fittings air-conditioning and other ancillary works in the manner laid down in the said Conditions, and shall make good any damages done to walls, floors, etc. after the completion of his work.
- 8) The Employer 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.
- 9) Time shall be considered as the essence of this Contract and the Contractor hereby agrees to commence the work soon after the Site is handed over to him or from 7<sup>th</sup> day after the date of issue of formal work order as provided for in the said Conditions whichever is later and to complete the entire work within 3 months Proposed Interior Works of N.A.C.H Branch, World Trade Canter Cuff Parade, Mumbai- 400 005. subject to nevertheless the provisions for extension of time.
- 10) All payments by the Employer under this Contract will be made only at Mumbai.
- 11) All disputes arising out of or in any way connected with this Agreement shall be deemed to have arisen at Mumbai and only the Courts in Mumbai shall have jurisdiction to determine the same.
- 12) That the several parts of this Contract have been read by the Contractor and fully understood by the Contractor.

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

SIGNATURE CLAUSE

SIGNED AND DELIVERED by the

\_\_\_\_\_ By the  
(Employer)

Signature of Contractor with Seal

hand of Shri \_\_\_\_\_

\_\_\_\_\_  
(Name and Designation)

(Signature of Employer)

In the presence of :

1) Shri / Smt. \_\_\_\_\_

(Signature of Witness)

Address \_\_\_\_\_

\_\_\_\_\_  
(Witness)

SIGNED AND DELIVERED by the

\_\_\_\_\_ by the  
(Contractor)

(Signature of Contractors)

in the presence of :

Shri / Smt. \_\_\_\_\_

(Signature of Witness)

Address \_\_\_\_\_

\_\_\_\_\_  
(Witness)

Signature of Contractor with Seal

**SAFETY CODE**

1. First aid appliances including adequate supply of sterilized dressing and cotton wool shall be kept in a readily accessible place.
2. An injured person shall be taken to a public hospital without loss of time, in cases when the injury necessitates hospitalization.
3. Suitable and strong scaffolds should be provided for workmen for all works that cannot safely be done from the ground.
4. No portable single ladder shall be over 8 meters in length. The width between the side rails shall not be less than 30 cm. (clear) and the distance between two adjacent runnings shall not be more than 30 cm. When a ladder is used an extra mazdoor shall be engaged for holding ladder.
5. The excavated material shall not be placed within 1.5 meters of the edge of the trench half or the depth of trench whichever is more. All trenches and excavations shall be provided with necessary fencing and lighting.
6. 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 one meter.
7. No floor, roof or other part of the structure shall be so overloaded with debris or material as to render it unsafe.
8. Workers employed on mixing and handling material such as asphalt, cement, mortar, concrete and lime shall be provided with protective footwear and rubber hand gloves.
9. Those engaged in welding works shall be provided with welders' protective eye shield and gloves.
10. (i) No paint containing lead or lead products shall be used except in the form of paste readymade paint.  
(ii) Suitable facemasks should be supplied for use by the workers when the paint applied in the form of spray or surface having lead paint dry rubbed and scrapped.
11. Overalls shall be supplied by the contractor to the painters and adequate facilities shall be provided to enable the working painters to wash during cessation of work.
12. Hoisting machines and tackle used in the works including their attachments anchor and supports shall be in perfect condition.
13. The ropes used in hoisting or lowering material or as a means of suspension shall be durable quality and adequate strength and free from defects.

Signature of Contractor with Seal

**APPENDIX HEREINBEFORE REFERRED TO**

- 1) Name of the Client Offering Contract : The Assistant General Manager,  
Premises & Estate Department,  
Local Head Office, SYNERGY,  
Mumbai Metro Circle,3<sup>RD</sup> Floor,C-6,  
G-Block, Bandra Kurla Complex,  
Bandra East,Mumbai- 400 051.
- 2) Consultants : M/s Kala Arekhan  
Architects & Interior Designers,  
101, Vindhyachal Chs. Ltd.,  
Plot No.204, Sector-4,Charkop,  
Kandivali (West), Mumbai-4000067.
- 3) Site Address : N.A.C.H Branch, World Trade Canter  
,(Arcade Shopping Centre),  
Cuff Parade, Mumbai- 400 005.
- 4) Scope of Work : Proposed Civil & Interior Works Of  
N.A.C.H Branch, World Trade Canter  
,(Arcade Shopping Centre),  
Cuff Parade, Mumbai- 400 005.
- 5) Name of the Contractor : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- 6) Address of the Contractor : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- 7) Period of Completion : 2 Months
- 8) Earnest Money Deposit : Rs. 37,750.00 only  
By Bank Draft/Pay Order/Banker's  
Cheque only  
Payable at Mumbai
- 9) Retention Money : As per clause no. 1 (c) of general  
Conditions
- 10) Defects Liability Period : Twelve Months from the date of  
Virtual Completion.
- 11) Insurance to be undertaken by the Contractor at his cost : 125% of Contract Value  
(Contractor's all risk policy)

Signature of Contractor with Seal

- 12) Liquidated damages : 0.5% of the estimated amount shown in the tender per week max. 5% of the contract value.
- 13) Value of Interim Bill (Min.) : Not less than Rs. 20.00 lacs.
- 14) Date of Commencement : 14days from the date of Acceptance.  
Letter is issued to the Contractor/ or  
The day on which the Contractor is Instructed to take possession of the Site whichever is earlier.
- 15) Period of Final Measurement Virtual : 1 (One) Months from the date of Completion.
- 16) Initial Security Deposit : 2% of the Accepted Value of the Tender. (Clause No. 1-B)
- 17) Total Security Deposit : As per clause No. 1
- 18) Refund of initial Security Deposit Comprising of EMD and ISD. : 50% of the Security Deposit shall be refunded to the Contractor on completion of the work and balance refunded only after the Defect Liability Period is over.
- 19) Period for Honoring Certificate : 1. One Month for R.A. Bills  
2. The final bill will be submitted by the Contractor within one month of the date fixed for completion work and the  
Bill shall be Certified within three months from the date of receipt of final bill provided the bills are submitted with all pre-requisite documents/test reports etc. prescribed in the tender.

\_\_\_\_\_  
Signature of Tenderer.

Date:

Signature of Contractor with Seal

**PROFORMA FOR REGISTER OF MATERIAL AT SITE ACCOUNT**

Name of Work : Name of Article :  
 Name of Contractor : Estimated Requirement :  
 Agreement No. : Issue Rate :

Date of Receipt	Received from/Issued to (with Ret. to So/Indent)	Receipt	Issue	Balance	Initials of Contractor	Initial of Bank's/Architect's representative	Remark
1	2	3	4	5	6	7	8

Signature of Contractor with Seal

**PROFORMA FOR REGISTER OF MATERIAL AT SITE ACCOUNT**

Name of Work :

Name of Contractor :

Agreement No. :

Discription of Material	Qty.outstanding from previous Bill	Deduct Qty.utilised in works measured since previous bill	Qty.outstanding&Qty.brought to site since previous bill	Signature of Site Engineer	Signature of Contractor	Initial of Bank's/ Architect's representative	Remark
1	2	3	4	5	6	7	8

Signature of Contractor with Seal

**PROFORMA FOR HINDRANCE TO WORK**

Name of Work : Date of Start of work :  
 Name of Contractor : Period of Completion :  
 Agreement No. : Dt. of Completion of work :

S.No.	Nature of Hindrance	Date of Occurrence of Hindrance	Date of which Hindrance was removed	Period of which Hindrance existed	Signature of Site Engineer	Signature of Bank / Architects Representative
1	2	3	4	5	6	7

Signature of Contractor with Seal



**PROFORMA FOR RUNNING A/C BILL**

- i. Name of Contractor / Agency :
- ii. Name of Work :
- iii. Sl.No. of this Bill :
- iv. No. & Date of previous Bill :
- v. Reference to Agreement No. :
- vi. Date of Written order to commence :
- vii. Date of Completion as per Agreement :

S.No.	Item Description	Unit	Rate (Rs.)	As per Tender	
				Quantity	Amount (Rs.)
1	2	3	4	5	

Upto Previous R.A. Bill		Up Date (Gross		Present Bill		Remarks
Quantity	Amount (Rs.)	Quantity	Amount (Rs.)	Quantity	Amount (Rs.)	
6		7		8		9

Note: 1. If part rate is allowed for any items, it should be indicated with reasons for allowing such a rate.

\_\_\_\_\_  
 Net Value since previous bill

2. If ad-hoc payment is made, it should be mentioned specifically.

Signature of Contractor with Seal

**CERTIFICATE**

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

-----

Signature and  
date of Contractor

-----

Signature and  
date of Architects  
Representative (Seal)

-----

Signature and  
date of Site Engineer

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

-----

Architect

-----

Signature and  
date of Site Engineer

Signature of Contractor with Seal

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

S.No.	Item	Quantity	Unit	Amount	Remarks
1	2	3	4	5	6

Total value of materials at Site.

Secured Advance @ ----- of above value - B

CERTIFIED:

- (i) That the materials mentioned above have actually been brought by the Contractor to the site of the work and on advance on any quantity of any of this item is outstanding on their security.
- (ii) That the materials (are of imperishable nature) and are all required by the Contractor for use in the work in connection with the items for which rates of finished work have been agreed upon.

Dated Signature of  
Site Engineer  
Preparing the bill  
Rank -----

Date signature of  
Banks Architects-----  
(Name of the Architects)

-----  
Dated Signature of  
the Contractor

Signature of Contractor with Seal

**MEMORANDUM FOR PAYMENT**

R/A BILL NO.

1.	Total value of work done since previous bill (A)	Rs. -----
2.	Total amount of secured advance due since Previous Bill (B)	Rs. -----
3.	Total amount due since Previous Bill (C) (A+B)	Rs. -----
4.	PVA on account of declaration in price of Steel, Cement and other materials and labour as detailed in separate statements enclosed.	Rs. -----
5.	Total amount due to the Contractor	Rs. -----

**OBJECTIONS:**

i)	Secured Advance paid in the previous R/A	Rs. -----
ii)	Retention money on value of works as per accepted tenders upto date amount Rs.	Rs. -----
	Less already recovered	Rs. -----
	Balance to be recovered	Rs. -----
iii)	Mobilization Advance, if any	
(a)	Outstanding amount (principal + interest) as on date	Rs. -----
(b)	To be recovered in this bill	Rs. -----
iii.	Any other Departmental materials cost to be recovered as per contract, if any	Rs. -----
iv.	Any other Departmental service charges to be recovered if any, as per contract (water, power etc.) enclose statement.	Rs. -----
	Total Deduction as per contract (F)	Rs. -----

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Adjustments, if any ----- Rs. -----  
Amount less received by Contractor in  
----- R/A Bill (as per statement of  
Contractor)

P.V.A. Rs. -----

Total amount payable as per contract Rs. -----  
(E+F+G)

(Rupees ----- in  
words)

The bill amount to Rs. ----- (both figures and words) has been scrutinized by us after due checking of the measurements of work as required and is recommended for payment.

Date: -----

-----  
Signature of Architect  
with Seal

The bill amount to Rs. ----- certified by Consultants has been scrutinized by me after due test checking of measurements of works as required and is recommended for payment for an amount of Rs.....

Date : -----

Signature of Owners  
Engineer

**STATUTORY DEDUCTION:**

i) Total Amount due (E)	Rs. -----
ii) Less I.T. Payable	Rs. -----
iii) Less S.T. Payable	Rs. -----
Net Payable	Rs. -----

This figures given in the Memorandum for payable has been verified and bill passed for payment ----- (in words and figures)

Date: -----

-----  
Signature of the AGM  
(Premises)

Signature of Contractor with Seal

**PROFORMA OF GAURANTEE BOND FOR WATERPROOFING TREATMENT TO BASEMENT (WALLS & BOTTOM SLAB), UNDERGROUND RESERVOIR, OVERHEAD RESERVIOR, TERRACE, STAIRCASE TOWER & SUNKEN FLOOR OF WASH ROOMS.**

The Bond is to be submitted on a Non-Judicial Stamp Paper of ₹ 500.00

We hereby Guarantee that after completion of the Water Proofing Work mentioned above and before \_\_\_\_\_ day of \_\_\_\_\_ month of Two Thousand \_\_\_\_\_ if at any time or times the underground reservoir, overhead reservoir, terrace, staircase tower & sunken floor of wash rooms and any other portion thus treated by M/s \_\_\_\_\_ (Hereinafter called 'The Contractor') starts leaking or in any way give way to the influence of water including wet patches, dampness etc. due to inadequacy of the work carried or due to any other reason whatsoever relating to the specification, workmanship etc. including the responsibility for any surface treatment and plumbing etc. works carried out by other agencies, the Contractor should, without any extra cost to Assistant General Manager, Premises & Estate Department, Mumbai Metro, State Bank of India or to the occupants, carry out necessary remedial measure to such extent and so often as may be necessary to free the sais premises from leakage/dampness etc.

The question of whether there is any leakage or the treatment has given away to water or moisture of the treatment aforesaid and before 5 (Five) years after the completion date, shall be decided by Assistant General Manager, Premises & Estate Department, Mumbai Metro, State Bank of India, and the decision made by Employer shall be final and binding on us. We shall reinstate the surface to the original condition after carrying out the rectification work, if necessary, by bringing in new materials at no extra cost to State Bank of India.

\_\_\_\_\_  
Signature of witness with address

Signature of Contractor with seal

1. Place:

2. Date:

(Note: Guarantee to be submitted by both the Contractors i.e. Main Contractor & the Water Proofing Specialist Agency)

Signature of Contractor with Seal

### MODE OF MEASUREMENT

1. Unless otherwise stated, all pipes shall be measured net, length as laid and measured overall fittings, such as bends, junctions, etc., and given in running meters. The length shall be taken along the center line of the pipes and fittings.
2. Length of fittings viz, taps, valves, traps etc., which are paid under appropriate items shall not be re-measured under linear measurements as enumerated above.
3. Soil waste and vent pipes shall be measured along the center line of the stack including the connecting bends/tees to W.C. Pan, Nahani trap, etc. and shall be paid as enumerated above.
4. W.C. Pans, Lavatory basins, Sinks, Drain boards, Urinals, Mirrors, Glass shelf Toilet paper Holder, shall be measured by number and shall include all accessories as enumerated in detail specification under each item.
5. Unless otherwise specified, all types of taps, valves, etc., shall be measured by number and paid separately.
6. Manholes, inspection Chambers, Gully traps, etc. shall be constructed according to detail specification and measured by number and paid separately. The depth of Manhole shall mean the vertical distance from the top of the Manhole cover to the outgoing invert of the main drain channel.
7. Water meter shall include Y strainer and other appurtenances required by the local bodies and shall include brick masonry chamber, etc., as per detailed specifications and item shall be measured by number and paid for accordingly or as per schedule of quantity.

---00--

Signature of Contractor with Seal

**SECTION – A: MATERIALS**

- 1) Material shall be of best approved quality obtaining and they shall comply with the respective Indian Standard Specification.
- 2) Samples of all materials shall be got approved before placing order and the approved sample shall be deposited with the Architect.
- 3) In case of non-availability of materials in metric sizes the nearest size in FPS units shall be provided with prior approval of the Architects for which neither extra will be paid nor shall any rebates be recovered.
- 4) If directed, materials shall be tested in any approved Testing Laboratory and the test certificates in original shall be testing including charges for repeated tests, if ordered, shall be borne by the Contractor.
- 5) It shall be obligatory for the Contractor to furnish certificate, if deemed by the Architects, from manufacturer or the material supplier that the work has been carried out by using their material and as per their recommendations.
- 6) All materials supplied by the Employer / any other Specialist Firms 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 the work.
- 7) Unless otherwise shown on the Drawings or mentioned in the “Schedule of Quantities” or special specification, the quality of materials, workmanship, dimensions, etc., shall be as specified as hereunder.
- 8) All equipment and facilities for carrying out field tests on materials shall be provided by the Contractor without any extra cost.

a) **Cement** :

Cement shall comply in every respect with the requirements of the latest publications of IS: 269 and unless otherwise specified ordinary Portland Cement shall be used.

The weight of ordinary Portland Cement shall be taken as 1440 kg. per cu.m. (90 lbs. per C.Ft.). Cement shall be measured by weight and in whole bags, and each undisturbed and sealed 50 kg. bag being considered equivalent to 35 liters (1.2 c.ft.) in volume care should be taken to see that each bag contains full quantity of cement. When part bag is required cement shall be taken by weight or measured in measuring boxes.

No other make of cement but that approved by the Architects will be allowed on works and the source of supply will not be changed without approval of Architect in writing. Test certificates to show that cement is fully complying the specifications shall be submitted to the Architects and

notwithstanding this, the Architect may at his discretion, order that the cement brought on site and which he may consider damaged or of doubtful quality for any reason whatsoever, shall be re-tested in an approved testing laboratory and fresh certificates of its soundness shall be produced.

Cement ordered for re-testing shall not be used for any work pending results of re-test.

Cement shall be stored in weather-proof shed with raised wooden plank flooring to prevent deterioration by dampness or intrusion of foreign matter. It shall be stored in such a way as to allow the removal and use of cement in chronological order of receipt i.e., first received being used first used. Cement deteriorated and or clotted shall not be used on the work but shall be removed at once from the site. However, allowing use of warehouse set cement shall be determined by the Architects.

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b) **Lime** :

Lime shall comply in every respect with the requirements of IS: 712 and shall be made from approved lime stone or Kankar and properly burnt. It shall be free from excess of unburnt Kankars or lime stone ashes or other extraneous materials and shall be stored in weather-proof sheds. Lime which has damaged by rain, moisture, or air slacking shall not be used but shall be removed from the site of work forthwith. Lime shall be slacked with fresh water and screened through appropriate screens and stored and used within 14 days provided it is protected from drying out.

Field tests according to IS: 1624 shall be carried out from time to time to determine the quality of lime.

c) **River Sand** :

River sand shall conform to IS: 383 and relevant portion of IS: 515. It shall pass through pass through a I.S. sieve 4.75 mm. (3/16 B.S.) test sieve, leaving a residue not more than 5%. It shall be from natural source i.e. only river or crushed stone screenings, if allowed, chemically inert, clean, sharp, hard durable, well graded and free from dust, pebbles, clay, shale, salt, organic matter, loam, mica or other deleterious matter. The sum percentages of all deleterious substances to acceptable limits. River sand shall not contain any trace of salt and it shall be tested and river sand containing any trace of salt shall be rejected.

The fine aggregate i.e. river sand for concrete shall be graded within limits as specified in IS: 383 and the fineness Modules may range between 2.60 to 3.20.

The fine aggregate shall be stacked carefully on a clean hard dry surface so that it will not get mixed up with deleterious foreign materials. If such a surface is not available a platform of planks or corrugated iron sheets or brick floor or a thin layer of lean concrete shall be prepared.

d) **Fine & Coarse Aggregate** :

Shall consist of crushed or broken stone 95% of which shall be retained on 4.75 mm. IS tests sieve. It shall be obtained on crushing Granite, Quartzite, Trap, Basalt, or similar approved stones from approved quarry and shall conform to IS:383 and IS 515. Fine & Coarse aggregate shall be chemically inert when mixed with cement and shall be cubical in shape and be free soft, friable, thin, porous, laminated or flaky pieces. It shall be free from dust and any other foreign matter.

Gravel / Shingle of desired grading may be permitted as a substitute in part or full in plain cement concrete if the Architect is otherwise satisfied about the quality of aggregate. For all the R.C.C. works the size of coarse aggregate shall be 20 to 25 mm. and fine aggregate shall be 10 to 15 mm.

e)

f) **Reinforcement** :

Reinforcement shall be of mild steel tested quality conforming to I.S. : 432-1966 and any other I.S. applicable or deformed bar conforming to IS:1786 and IS:1139 or hard drawn Fe 415 (Tor Steel) steel wire fabric conforming to IS:1566;1967.

All finished bars shall be free from cracks, surface flaws, laminations, jagged and imperfect edges.

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g) **Bricks** :

Bricks shall generally comply with IS:1077 except in size which shall be classified as 1<sup>st</sup> and 2<sup>nd</sup> class.

1<sup>st</sup> class bricks shall be the best quality locally available table moduled, well burnt but not over burnt, have plain rectangular faces with parallel sides and sharp right angled edges, have a fine compact and uniform texture. The bricks shall be free from cracks, chips, flaws, stones or subsequent to soaking in water. It shall emit a clear ringing sound on being struck and shall not absorb water more than 20% by weight. Common building bricks shall have a compressive strength of 35 kg. / sq cm unless otherwise specified for first class bricks.

h) **Neeru** :

Shall be made of Class "C" Lime (i.e. pre fat lime) as mentioned in IS: 712. It shall be slaked with fresh water then sifted and reduced to a thick paste by grinding in a mill. Neeru thus prepared shall be kept moist until used and no more than that can be consumed in 15 days shall be prepared at time.

i) **Surkhi** :

Shall be made by grinding well burnt bricks, brick bats, burnt clay balls, etc., the brick etc., to be used shall be prepared from selected clay. The quality shall conform to IS:1344.

Bricks bats, etc., shall be ground in mechanical disintegrator to a fine powder passing through IS Sieve No. 9 (2.36 mm.) with a residue not exceeding 10% by weight.

Surkhi for lime surkhi plaster shall be ground to fine powder in a mortar mill to pass through IS Sieve 150 micron (No. 100)

Surkhi shall be stored in a weather-proof shed on a brick paved platform.

j) **Water** :

Water for mixing cement / lime / surkhi mortar or concrete shall not be salty or brackish and shall be clean, reasonably clear and free from objectionable quantities of silt and traces of oil, acid and injurious alkali, salts, organic matter and other deleterious materials which will either weaken the mortar or concrete or cause efflorescence or attack the steel in reinforced cement concrete. Water shall be obtained from sources

approved by the Architect. Potable water is generally considered satisfactory for mixing and curing concrete, mortar masonry, etc., where water other than main source is used this shall be tested in an approved testing laboratory to establish its suitability. All charges connected therewith shall be borne by the Contractor.

k) **Timber** :

Timber shall be well seasoned and of the best quality Indian Teak of specified species viz., Dandeli, Balarshah, Melabar, C.P.

Timber shall be considered as well seasoned, if its moisture content does not exceed the following limits.

- |  |     |
|--|-----|
| a) Timber for frames                   | 14% |
| b) Timber for planking, shutters, etc. | 12% |

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The moisture content of timber shall be determined according to method described in paragraphs 4 of IS:287 for Maximum permissible moisture content of timber used for different purpose in different climatic zones.

In measuring cross-sectional dimensions of the frame pieces tolerance upto 1.5 mm. shall be allowed for each planed surface.

l) **Superior quality Indian Teak Wood :**

Superior quality Indian Teakwood means Dandeli, Balarshah, and Malabar Teak. It shall be of good quality and well seasoned. It shall have uniform colour, reasonably straight grains, and shall be free from large. Loose, dead knots, cracks, shakes, warp, twists, bends, borer holes, sap-wood or defects of any kind. No individual hard and should knot shall be more than 1 cm. in diameter and aggregate areas of all knots shall not exceed ½% of area of the piece. There shall not be less than 6 growth rings per 2.5 cm. width.

m) **1st Class Indian Teakwood :**

1<sup>st</sup> Class Indian Teakwood means C.P. and Bulsar teak of good quality and well seasoned. It shall have uniform colour, reasonably straight grains and shall be free from large. Loose dead knots, cracks, shakes, warp, twists, bends, sap-wood or defects of any kind. No individual hard and should knot shall be more than 2.5 cm. in diameter and aggregate areas of all the knots exceed 1% areas of the piece. There shall not be less than 5 growth tings per 2.5 cm. width.

n) **IInd Class Indian Teakwood :**

Shall be similar to first class Indian teak wood except that knot upto 4 cm. diameter and aggregate area of all knots upto 1 ½% of the area of the piece shall be allowed. There shall not be sapwood upto 15% is allowed.

o) **Flush Doors :**

All flush doors shall be solid core exterior grade unless otherwise specified and it shall generally confirm to IS:2202 and shall be fabricated as described under specification.

p) **Steel Windows and Doors :**

Steel windows and doors shall be fabricated of steel sections conforming to IS:226. They shall conform to IS 1038. Unless otherwise specified the details of construction etc., shall be as described under specification.

q) **Floor Tiles :**

Designer pre-cast concrete tiles and interlocking paver block, plain cement tiles, chequered tiles, mosaic tiles terrazzo tile shall conform to IS:1237. For neutral shade tiles grey cement shall be used. Tiles shall be compacted by mechanical vibration and hydraulically pressed. It shall be of choice shade and shall have desired pattern of chip distribution. The sizes of chips to cement in terrazzo or mosaic floor shall be as specified in IS:1237. The size and thickness of tiles shall be as approved by the Architect.

r) **Ceramic / Vitrified Tiles** :

White or coloured glazed tiles shall comply with IS:777 or relevant or latest I.S. code. It shall be from an approved manufacturer and shall be flat and true to shape. They shall be free cracks, crazing, spots, chipped edges and corners. The glazing and colour shall be uniform shade and unless otherwise specified the tiles shall be 6 mm. thick.

s) **Marbles** :

Marble slabs for flooring, dado veneering etc., shall be of kind specified in the item such as white or pink, Makrana, Chittor black, Bhanslana black, Jaisalmer yellow, Baroda green, Patiala (Pepsu) grey, etc., Marble from which slabs are made shall be selected quality, hard, sound dense and homogenous in texture and free from cracks, weathering, decay and flaws. Before starting the work the contractor shall get the sample of Marble slabs approved by the Architect.

The slabs shall be machine cut and machine polished.

t) **Kotah / Shahbad / Cudappa / Granite** :

Shall be of selected quality, hard, sound, dense, and of homogenous texture, free from cracks decay, weathering and flaws. Stone slabs shall be of uniform colour as approved by the Architect. They shall be machine cut and machine polished where specified and shall conform to the required size. Thickness shall be specified in the respective items.

u) **Glazing** :

Glass used for glazing shall be float glass of best quality, free from flaws, specks bubbles and shall be 2.9 mm. thick upto 0.60 x 0.60 mm. size and for larger size it shall be 4 mm. thick unless otherwise specified in the Schedule of Quantities.

The following type of glasses shall be used:-

- |                           |  |
|---------------------------|--|
| 1) For Office Building .. | Clear glass or as specified in the Schedule of Quantities. |
| 2) Office (toilets) ..    | Clear or frosted   |
| 3) Partitions ..          | Frosted  |

v) **Asbestos Roofing & rain Water Pipes** :

All Asbestos pipes and fittings shall comply with IS:459 and shall be free from cracks, chipped edges of corners and other damages.

w) **MPI. Sheets** :

MPI. Sheets shall be of a gauge specified in the description of the item and shall conform to the IS:277. The sheets shall be free from cracks, spilt edges, twists, surface flaws, etc. They shall be clean bright and smooth. Galvanising shall be uninjured and the perfect condition. The sheet shall show no sign of rust or white powdery deposits on the surface. The corrugations shall be uniform in depth and pitch and parallel.

x) **Paints** :

Lime for lime wash, dry distemper, oil bound distemper cement primer, oil paint, enamel paint, flat oil paint, plastic emulsion paint, anti-corrosive primer, red lead, water-proof

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cement paint and exterior grade Acrylic Emulsion paint, cement paint, sand-tex matt shall be from an approved manufacturer and shall conform to the latest Indian Standard for various paints. Ready mixed paints as received from the manufacturer without any admixture shall be used, except for addition of thinner, if recommended by the manufacturer.

y) **Mortar** :

Lime Surkhi Mortar :

Lime and surkhi shall conform to the specifications. It shall be composed of approved lime and surkhi in proportion of 1 lime to 2 surkhi mixed thoroughly. The ingredients shall be accurately gauged by measure and shall be well and evenly mixed together on a platform and water added to make it homogenous. When large quantities are required the mortar shall be mixed in a mechanical grinder.

**Cement Mortar** :

Cement mortar shall be of proportions specified for each type of work in the schedule. It shall be composed of Portland Cement and sand. The ingredients shall be accurately gauged by measure and shall well and evenly mixed together in a mechanical pan mixer, care being taken not to add more water than is required. No mortar that has begun to set shall be used. River sand shall be used unless otherwise specified.

If hand mixing is allowed, then it shall be done on pucca water-proof platform. The gauged materials shall be put on the platform and mixed dry. Water will then be added and the whole mixed again until it is homogenous and of uniform colour. Not more than one bag of cement shall be mixed at one time and which can be consumed within half an hour of its mixing.

**Composite lime, cement, sand mortar** :

The mortar shall be of proportions specified for each type of work in the schedule of quantities. It shall comprise of Portland cement, lime and sand. Lime shall be measured in gauge boxes similar to one used for measuring cement and sand to the proportion specified and sufficient water then added to it to form a thick slurry thus obtained shall then be added to dry cement and sand mixture and thoroughly mixed to make a workable homogenous mortar of uniform colour by adding more water if necessary. Mechanical mixers shall generally be used for mixing such mortars. If hand mixing is allowed it shall be done on pucca platform.

Note :

In connections with the I.S. Code numbers indicated under Section, Specification, Section A – General

Refer to the following I.S. Code numbers and the year and or otherwise latest modified I.S.Code Number.

- |    |                    |   |  |
|----|--------------------|---|--|
| 1) | Cement             | : | I.S. 269 – 1976  |
| 2) | Lime               | : | I.S. 712 – 1964<br>I.S. 1624 – 1960  |
| 3) | Fine – Aggregate   | : | I.S. 383 – 1970  |
| 4) | Coarse – Aggregate | : | I.S. 515 – 1970  |
| 5) | Reinforcement      | : | I.S. 432 – 1966 Fe 415<br>I.S. 1786 – 1966 (Tor Steel)<br>I.S. 1139 – 1966 |
| 6) | Bricks             | : | I.S. 1077 – 1970   |

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7)	Neeru	:	I.S. 712 – 1964
8)	Surkhi	:	I.S. 1344 – 1968
9)	Timber	:	I.S. 287 – 1960
10)	Flush Doors	:	I.S. 2202 – 1966
11)	Floor Tiles	:	I.S. 1237 – 1980
12)	Ceramic / Vitrified Tiles	:	I.S. 777 – 1970
13)	Asbestos Roofing and Rainwater pipes	:	I.S. 459 – 1962
14)	R.C.C. design mix M-25	:	I.S. 456 – 2000

## **SECTION – B: MODE OF MEASUREMENTS**

The method of measurement for various items in the tender shall be generally in accordance with the IS: 1200 subject to the items for which the mode of measurements are not given under or elsewhere in the tender.

### 1) **Excavation** :

- a) **Footings**: Area of excavation for footing shall be measured equal to the area of the lowest concrete as shown on the drawing. Depth shall be measured vertically from ground level to bottom of concrete course or dry rubble packing as the case may be.
- b) **Plinth Beams**: Depth of excavation for plinth beam shall be measured from ground level up to bottom of beam and width equal to width of the beam. If a levelling course is ordered, it shall be measured up to the bottom of the levelling course.
- c) Where excavation is made in trenches, measurements for cutting shall be taken by means of taps and staff and the width of concrete or rubble packing as shown on the Drawing shall be considered as the width of excavation.
- d) Where excavation is made for levelling the site, levels shall be taken before start and after completion of work and total quantity of excavation computed from these levels in manner approved by the Architect.
- e) Where soil including soft rock and hard rock are mixed, hard rock after excavation shall be stacked separately. Measurement of the entire excavation shall be taken as indicated above. Excavations of hard rocks shall be measured from stacks of excavated hard rock and reduced by 40% for bulkage and void. The quantity so arrived at shall be paid for under hard rock. The difference between the quantity of entire excavation and quantity payable under hard rock shall be paid as soil including soft rock.

### 2) **Earth Filling** :

In open spaces Fillings shall be measured from cross sections of embankments, levels of which are recorded by means of levels before start of work and after completion of work. When it is not possible to measure filling from cross sections, it may be measured from loose stacks or lorry measurements with previous written permission from the Architect and 20% deduction shall be made from the measured quantity to arrive at the net quantity payable.

### 3) **Cement Concrete (Plain & Reinforcement)**:

Cement concrete in R.C.C. and P.C.C. items shall be measured exclusive of reinforcement and plaster thickness but shall include necessary costs of shuttering, cantering, hire charges of all equipment, curing, hacking and fair finish. Reinforcement and plaster shall be measured and paid separately.

Items line R.C.C. precast jalli, R.C.C. pipes and other such items which are normally manufactured in factories as well as those items which have been specifically mentioned in the Schedule of Quantities shall be measured inclusive of reinforcement.

No deductions will be made for openings upto 0.1 sq.m. and no extra labour for forming such openings or voids shall be paid.

Columns shall be measured from face to face of columns / beams and shall include haunches, if any. The depth of the beams (other than raft foundations beam) shall be measured from the top of the slab to the bottom of the beam.

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In case of combined footings and raft foundations, the exposed, portion of the beam rib shall be measured as beam and remaining portion measured in footing / raft slab.

Slabs (other than in raft foundations) shall be measured in bays (clear of beams) with deductions for columns portions.

**Chajja**: only projected portion shall be measured in Square meter.

**Staircase**: Measurements shall be in Cu.m. Staircase comprising if steps, soffit slab, landing slab shall be measured and paid under this them. Side parapet walls, railings, finishing of raisers and treads, M.S. reinforcement and plastering etc., shall be paid separately under respective items.

4) **Reinforcement**:

Shall be measured in lengths of bars as actually placed in position on standard weight basis; no allowance being made in the weight for rolling margin, Wastage and binding wire shall not be measured, authorised overlaps and spacers shall only be measured.

**Standard weight for steel reinforcement bars**

Diameter of the steel bars in mm.	6	8	10	12	16	20	25	32
Weight of steel bars in kg per Rmt.	0.22	0.39	0.62	0.89	1.58	2.47	3.85	6.31

5) **Brick Work** :

Except walls of half-brick thickness or less, all brick work shall be measured in cubic meters.

**Thickness of Wall**:

Brick walls upto and including three bricks in thickness shall be measured in multiples of half-brick which shall be deemed to be inclusive of the mortar joints. Where fractions on half-bricks occur due to architectural or other reasons, the measurement shall be taken half-bricks.

For walling, which is more than three bricks in thickness, the actual thickness of the wall be measured to the nearest centimeter.

Honey-combed brick walling shall be given in square meters stating the thickness of wall and the pattern of honey-combing. Honey comb openings shall not be deducted.

**Deductions**:

No deductions or additions shall be made on any account for

- a) Ends of dissimilar materials (i.e. joists, beams, lintels, lofts, grinders, rafters, purlins, trusses, corbels, steps, etc.) up to 500 square centimetres in section.
- b) Opening up to 0.1 sq. in section.
- c) Wall plates, bed plates and bearing of slabs, chajjas and the like where the thickness does not exceed 10 cm. and the bearing does not extend over the full width of the wall.

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6) **Stone Masonry :**

Except where otherwise described, stone work and stone walling generally shall be given in cubic meters and facia work in square meters.

When measuring walls, the thickness shall be measured to the nearest one centimetre.

Deductions shall be made as described under brick work.

7) **Wood Work:**

All work shall be measured net as fixed. No extra measurement will be given for shape, joints, splayed meeting styles of doors and windows and shall be measured in unit of square meters.

Area over the face inclusive of exposed frame thickness (excluding width of cover mould) shall be measured in case of door, windows and ventilators when frames are included in the item. Portions embedded in masonry or flooring shall not be measured. Where frames are measured separately mode of measurement shall be as per C.P.W.D. practice or IS:1200.

8) **Steel doors, windows, ventilators, louvers:**

Clear area over one face inclusive of exposed frame shall be measured. Holdfasts or portions embedded in masonry or flooring shall be measured.

9) **Steel rolling shutters and rolling grilles:**

Clear width between side jambs and clear height between floor and bottom of lintel / beam shall be measured. Hood shall not be measured separately. The rate should be inclusive of the cost of hood.

10) **Flooring, Skirting, Dado:**

Flooring shall be measured from skirting to skirting and where the wall surface are plastered or provided with Dado, it shall be measured from plaster to plaster or dado to dado.

11) **Plastering and Pointing:**

All plastering and pointing shall be measured in square meters unless otherwise described.

Net are of surface plastered shall be measured. No deductions will be made for ends of joints, beams, posts, etc., and opening not exceeding 0.5 sq.m. each and no additions shall be made neither for reveals, jambs, soffits, sills, etc. of these openings nor for finishing the plaster around openings, ends, of joists, beam and posts, etc.

Full deductions will be made for door, window and ventilator from each side with adding jambs for door, window and ventilator.

12) **Painting, White washing, colour washing and distempering:**

All painting work shall be measured in square meters.

Net are of surface painted shall be measured. No deductions will be made for unpainted surfaces of ends of joists, beams, posts etc., and opening not exceeding 0.5

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sq.m. each and no additions shall be made for reveals, jambs, soffits, sills, etc., of these openings.

Full deductions will be made for door, window and ventilator from each side with adding jambs for door, window and ventilator.

No coefficient will be considered for painting over sponge finished or sand faced plaster.

The following multiplying factors for obtaining equivalent areas shall be adopted.

No.	Description of works	How measured	Multiplying Factor
a)	Wood panelled framed ledged, braces and battened.	Measured flat (not girthed) including frame, edges, choukats, cleats, etc., shall be deemed to be included in the item.	1 1/8 (for each side).
b)	Wood flush part panelled and part.	-- do -- glazed or gauzed.	1 (for each side).
c)	Fully glazed or gauzed or glazed louvered ventilators / window / door.	-- do --	1/4 (for each side).
d)	Fully venetioned of louvered (not with glazing).	-- do --	1 1/2 (for each side).
e)	Weather boarding.	Measured flat (not grithed supporting frame work shall not be measured separately).	1 1/8 (for each side).
f)	Trellis (or Jaffri) work one way or two way.	Measured flat overall, no deduction shall be made for opening (supporting members shall not be measured separately)	1 (for each side).
g)	Guard bars, balustrades, gratings, grille railings, grille partitions, etc.	--- do ---	1 (for painting all over).
h)	M.S. gates & open palisades fencing, door including standards, braces, rails, stays, etc.	See not below	1 (for painting over all).
i)	Steel rolling / alligator type shutters.	Measured flat over jambs, guides, bottoms, rails and locking arrangement etc. shall be deemed to be included in the item.	1 1/4 (for each side).
j)	Carved or enriched work.	Measured flat.	2 (for each side).
k)	Fully glazed or gauzed steel windows or partitions.	Measured flat.	1 1/4 (for all over).

**Note:**

The height shall be taken from the bottom of the lowest rail, if the palisades do not go below it (or from the lower end of the palisades, if they project below the lowest rail) up to the top of the palisades, but not up to the top of the standards, if they are higher than the

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palisades. Similarly for the gates, depth of roller shall not be considered while measuring the height.

Area painted over sand cement plaster, sponge finished / sand faced plaster / rough cast plaster area painted without considering any coefficient for painting over sand faced plaster

## **PLASTERING**

### **Scaffolding :**

Scaffolding for carrying out plastering work shall be double steel scaffolding having two sets of vertical supports so that the scaffolding is independent of the walls.

### **Preparation of surface :**

All putlog holes in brick work and junction between concrete and brick work shall be properly filled in advance. Joints in brick work shall be raked about 10 mm. if not raked out while constructing brick masonry work and concrete surface hacked to provide the grip to the plaster, if not hacked earlier projecting burns of mortar formed due to gaps at joints in shuttering shall be removed.

The surface shall be scrubbed clean with wire brush / coir brush to removed dirt, dust etc., and the surface thoroughly washed with clean water to remove efflorescence, grease and oil etc., and shall be kept wet for a minimum of six hours before application of plaster.

### **Neeru Plaster :**

Cement mortar of specified proportion and thickness shall be prepared in small batches and applied to the wall surface / ceiling. The ensure proper thickness, gauged patches shall be made at 1.5 to 2 m. apart and the surface plastered true to line, level and plumb taking special care to finish jambs of windows, doors, wall returns, corners, junctions etc. A thin layer of neeru shall then be applied and rubbed into surface and finished by means of trowel until the surface is even and smooth. The surface shall be kept moist for seven days and then given a coat of white wash.

### **Sand-faced Plaster :**

The surface shall be prepared as above.

The coat of cement mortar in proportion of 1:4 or as specified, shall be applied uniformly all over the surface to a thickness of 12 mm. and finished true to level and line and keys shall formed on the surface. The surface shall be kept moist till the finishing coat is applied.

The finishing coat shall be applied a day or two after. The proportion of mortar for finishing coat shall be one part of cement and three parts of selected, well graded and washed sand, or as specified under item and it shall be applied in a uniform thickness of 6 mm. (1/4").

The surface shall be tapped to uniform grained texture by using sponge pads as directed. Curing shall start after 24 hours and the surface kept wet for seven days.

### **Rough Cast Plaster:**

Except for the finishing coat the surface shall be prepared and base coat of plaster applied as under sand-faced plaster.

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Finishing coat mortar shall be in proportion of one part of cement and one part of specially selected and graded sand and one part of gravel of 3 to 6 mm. size. It shall be flung upon the first coat with large trowel to form an even and decorative coat. The work shall generally conform to clause 16.5 of IS:1661-1960. The thickness of the coat shall be about 12 mm. (1/2"). It shall be cured for seven days.

**Rough coat plaster with colour finish :**

This finish shall be similar to Rough cast plaster above except a high grade mineral pigment of approved shade shall be mixed with white cement instead of ordinary grey cement while preparing the mortar.

**Water-proofing Treatment :**

Unless otherwise specified, the Contractor shall carry out waterproofing treatment of basements, terrace and water retaining structures through reputed firms having specialisation in the line and approved by the Architects. The Contractor shall also furnish full details of such treatment to the Architects and provide all information / proof etc., regarding the effectiveness of the treatment when called upon to do so. All such treatment shall have to be guaranteed in the form approved by the Employer for a minimum period of ten years. Any defects / leakages noticed during the guarantee period shall have to be rectified free of cost by the Contractor including reinstating the surface to its original condition and finish.

Water-proofing of sunk portions of floor slabs for baths, W.C. and kitchen moories etc., in residential buildings, unless otherwise specified, shall be done as specified in the schedule and shall generally comprise of :

- a) A coat of hot bitumen, min. 6 mm. thick screeded with stone grit.
- b) Min. 20 mm. thick cement plaster in cement mortar 1:3 with approved water-proofing cement compound as per manufactures specifications. The plaster shall be cured by pounding for seven days.

The rate for the above treatment shall include drying and cleaning surfaces free of dust etc., and wiping with kerosene before application of bitumen. The vertical faces and returns shall also be treated similarly. The actual area treated including vertical faces and returns shall be measured and paid for. The work should be done in such a way that the finished flooring in bath has a minimum slope of 20 to 25 mm.

**PAINTING**

**General:**

Wherever scaffolding is necessary, it shall be double scaffolding.

The surface shall be thoroughly brushed free from mortar droppings and foreign matter. All steel work shall be cleaned of loose rust, mill scales etc. so as to expose the original surface. All broken edges, cracks, loose plaster and wavy surface shall be brought up either by patch plaster work or by plaster of paris.

All materials viz., dry distemper, oil bound distemper, oil paint, flat oil paint, synthetic enamel paint, plastic emulsion paint, cement primer, red lead and other primers and metallic paints shall conform to respective I.S. specifications and shall be obtained from approved manufactures. All paints shall be brought on site in sealed thins in ready mixed form and shall be applied direct with the addition of thinner, if recommended by the manufacturers.

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**White Washing:**

White wash shall be prepared from lime slaked on spot, mixed and stirred with sufficient water to make a thin cream. This shall be allowed to stand for 24 hours and shall be screened through clean cloth. Four kg. gum dissolved in hot water shall be added to each cubic meter of the cream (115 gm. per cft.).

Blue shall be added to give required whiteness. The approximate quantity of water to be added in making cream shall be five liters per kg. of lime.

White wash shall be applied in specified coats by using flat brushes or spray pumps. Each coat shall be allowed to dry before next coat is applied. If additional coats than what have been specified, are necessary to obtain uniform and smooth finish, it shall be given at no extra cost.

The finished dry surface shall not show any signs of cracking and peeling nor shall it come off readily on the hand when rubbed.

If directed by the Architects one coat of chalk and glue shall be applied before application of white / colour wash at no extra cost.

**Colour Wash :**

Colour wash shall be prepared by adding mineral colours not affected by lime to white wash. No colour wash shall be done until a sample of the colour wash to the required tint or shade has been got approved from the Architects.

Colour wash shall be applied as specified under white wash.

**Dry Distemper :**

Shade shall be got approved from the Architects before application of distemper.

The surface shall be prepared as specified earlier. A primer coat using approved primer or sizing shall be applied. Distemper prepared as per manufacturer's directions shall be applied and each coat shall be allowed to dry before subsequent coat is applied. The finished surface shall be free from chalking when rubbed, even uniform and shall show not brush marks. If additional coats are necessary, they shall be given at no extra cost.

**Oil Bound Distemper:**

The surface shall be prepared as specified above. A primer coat of either cement primer or any approved distemper primer shall be applied.

After the primer coat has dried, the surface shall be lightly sand papered and dusted to make to smooth to receive distemper.

Distemper shall be prepared as per the directions of the manufacturer and conforming to shade approved. It shall be applied in specified coats, taking care to allow for drying of each coat before subsequent coats are applied.

**Water-proof Cement Paint / Sand-tex matt Paint:**

The surface shall be prepared as specified above and thoroughly wetted with clean water before water-proof cement paint is applied.

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The paint shall be prepared strictly as per manufacturers specifications and in such quantities as can be used up in an hour of its mixing, as otherwise the mixture will set and thicken, affecting flow and finish.

The paint thus prepared shall be applied on clean and wetted surface with brush or spraying machine. The solution shall be kept stirred during the period of application. It shall be applied on the surface which is on the shady side of the building so that the direct heat of the sun on the surface is avoided. The completed surface shall be watered after the days work. Number of coats shall be s specified in the item.

**Painting – Oil / Enamel / Plastic Emulsion etc. :**

Ready mixed oil paint, flat oil paint, plastic emulsion paint, ready mixed synthetic enamel paint, etc., shall be brought in original containers and in sealed tins. If for any reason thinner is necessary, the brand and quantity of thinner recommended by the manufacturer or as instructed by the Architect shall be used. The surface shall be prepared as specified above and a coat of approved primer shall be applied. After 24 hours drying approved or specified quality paint shall be applied evenly and smoothly. A filler putty coating may be given to give a smooth finish. Each coat shall be allowed to dry out thoroughly and then lightly rubbed down with sand paper and cleaned of dust before the next cost is applied. Number of coats shall be as specified in the item and if the finish of the surface is not uniform, additional coats as required shall be applied to get good and uniform finish at no extra cost. After completion no hair marks from the brush or clogging of paint puddles in the corners of panels, angles or mouldings etc., shall be left on the work. The glass panes, floor etc. shall be cleaned of stains.

When the final coat is applied, if directed, the surface shall be rolled with a roller of if directed, it shall be stippled with a stippling brush.

**LIST OF MATERIALS OF APPROVED BRAND AND THEIR MANUFACTURERS**  
**(THE MAKE LISTED BELOW SHOULD BE FIRST APPROVED BY THE BANK BEFORE USE IN**  
**CONSTRUCTION)**

SL.	Item	Make
1	Pre-laminate Board	Novapan / Action Tesa, Century, Green.
2	Commercial BWR grade	Century/Green/ Samrat/ Finest
3	Laminates	Royale touch / Century / Green lam/ Samrat /AICA
4	Commercial Boards	Green ( Eco- Tech ) / Century / Corbett
5	Veneer	Century / Durian / Green/Euro/ Samrat
6	Local Wood	Chir / Holac
7	Adhesive	Fevicol / JivanJor / Wooden Grip
8	Drawer Sliding Fittings	Enox/ Hettich/Heffle/Dorma/ CNR
9	Triple Computer monitor mount/stand arm	Vivo/ Dell/ HP
10	Locks	Godrej / Ozone / Dorma/ Enox/ CNR
11	Floor Spring/ Door Closers	Haffele / Enox / Dorma/ Ozone/ CNR
12	Glass	Modi float Glass, Triveni Glass Ltd., Indo Asahi Glass Co. Ltd., Saint Gobain
13	Teak Wood	CP Teak
14	Texturized Interior Paint	Dulux/ Berger/Asian/ Nerolac
15	Acrylic Premium Emulsion Paint (Interior and Exterior)	Asian/ Nerolac / Berger / Dulex
16	Leathrite	Bhor / As Approved
17	Roller Blind/ Ventian/ Vertical Blind	Vista/MAC/DACK
18	Polish	Asian Melamine, Dulux, Berger
19	Beading	L.P. Teak Wood
20	Vitrified Floor Tiles	Kajaria/Somany/ H.R. Johnson/ Nitco/ Simpolo
21	Ceremic Tiles -Floor tiles & Dado	Kajaria/Somany/ H.R. Johnson/ Nitco/ Simpolo
22	Carpet tiles	Interlex/ Interface or approved equivalent make
23	Telescopic Channel	Hettich / Enox / Ozone / Haffele/ CNR
24	Ceiling Grid	Armstrong /Indian Gypsum Board/Gyprog.
25	Gypsum Board	Saint Gobin / Gypsum India
26	Ceiling Channel, Angle, Screw Etc.	Gypsum India
27	Sainitary Ware / Urinals/ Urinal Partitions	Hindware / Parryware / Jaquar/ Cera/ Kajaria
28	Stainless Sink	Neelkanth / Jyana / Nirali
29	CP Fittings	Jaquar/ Hindware/ Plumber

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30	Flush Doors	Century/ Anchor/Samrat/ Green
31	Cement	Grade 43/53 of Ultra tech, A.C.C., Ambuja, L&T.
32	False Flooring	Unifloor /Flexi Access Floor/Armstrong
33	Wooden Laminated Flooring	Pergo/Green/ Royal Touch/ Ergo/Vista.
34	ACP Panels	Aluco bond/ ALU Décor/ Eurobond/Flexi bond.
35	Cement (53 Grade)	Ultratech, L&T, Ambuja, ACC, Birla, Modi.
36	White Cement	Birla White, JK White
37	Exterior Grade Particle Board	Century, Green, Anchor

- NB. 1) The contractor should obtain prior approval from Employer / Consultants before placing order for any specific materials. Employer may / delete any of the makes or brands out of the above list.
- 2). All materials should conform to relevant standards and codes of BIS.
- 3) Materials with I.S.I. mark shall be used duly approved by the STATE BANK OF INDIA Engineer / Architect.

**Note: - If any material is found to be not up to the mark, the contractor will have to produce original bills/certificate from the manufacturer or his authorized Distributor for authenticity and genuineness of the material for consideration and as per make approved by the STATE BANK OF INDIA. The same will not be considered for payment.**



### MODE OF MEASUREMENT

1. Unless otherwise stated, all pipes shall be measured net, length as laid and measured overall fittings, such as bends, junctions, etc., and given in running meters. The length shall be taken along the center line of the pipes and fittings.
2. Length of fittings viz, taps, valves, traps etc., which are paid under appropriate items shall not be re-measured under linear measurements as enumerated above.
3. Soil waste and vent pipes shall be measured along the center line of the stack including the connecting bends/tees to W.C. Pan, Nahani trap, etc. and shall be paid as enumerated above.
4. W.C. Pans, Lavatory basins, Sinks, Drain boards, Urinals, Mirrors, Glass shelf Toilet paper Holder, shall be measured by number and shall include all accessories as enumerated in detail specification under each item.
5. Unless otherwise specified, all types of taps, valves, etc., shall be measured by number and paid separately.
6. Manholes, inspection Chambers, Gully traps, etc. shall be constructed according to detail specification and measured by number and paid separately. The depth of Manhole shall mean the vertical distance from the top of the Manhole cover to the outgoing invert of the main drain channel.
7. Water meter shall include Y strainer and other appurtenances required by the local bodies and shall include brick masonry chamber, etc., as per detailed specifications and item shall be measured by number and paid for accordingly or as per schedule of quantity.

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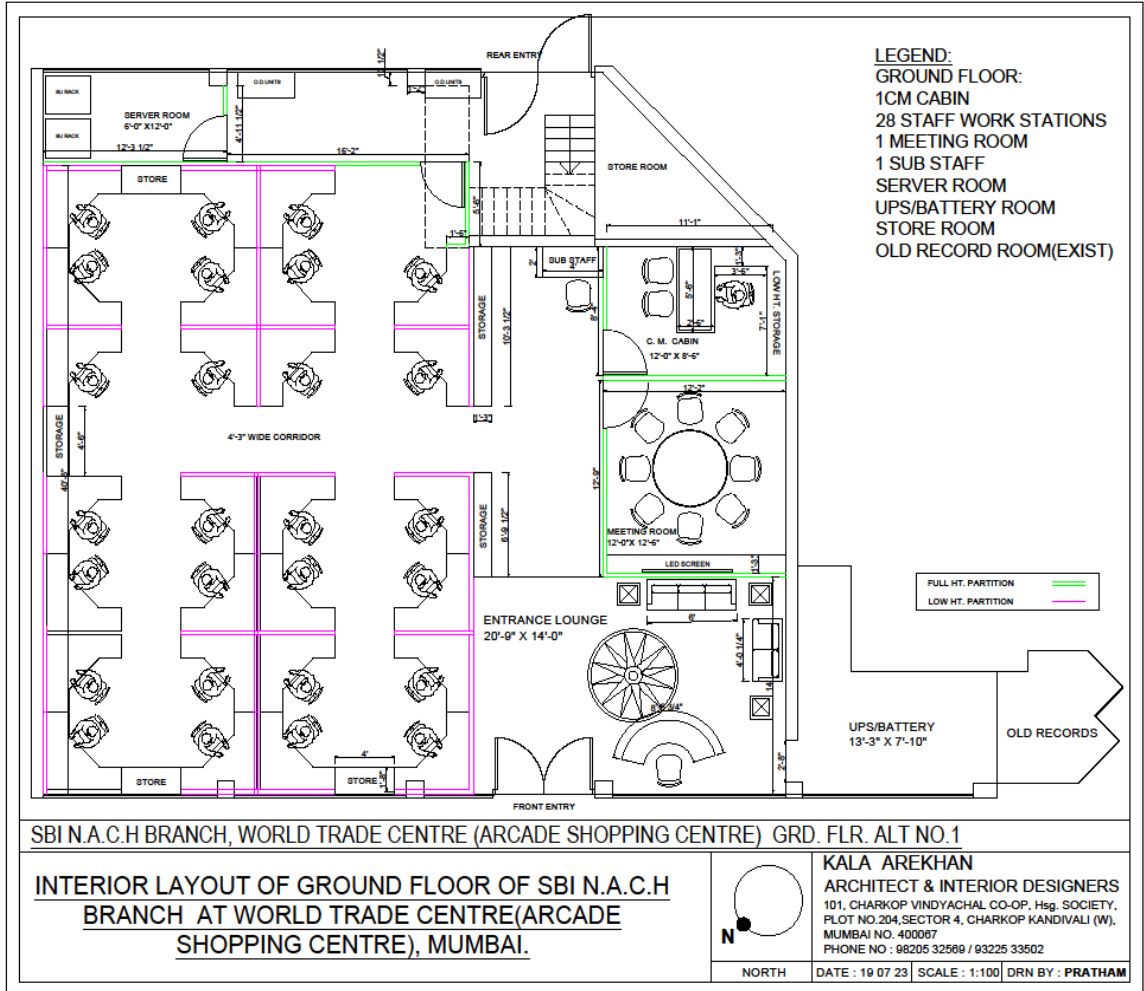
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**PREAMBLE TO SCHEDULE OF QUANTITIES**

Note: While quoting rates for each item of work, the contractor shall include for the following irrespective whether it has been mentioned or not in the description of the item without any extra claim / payment.

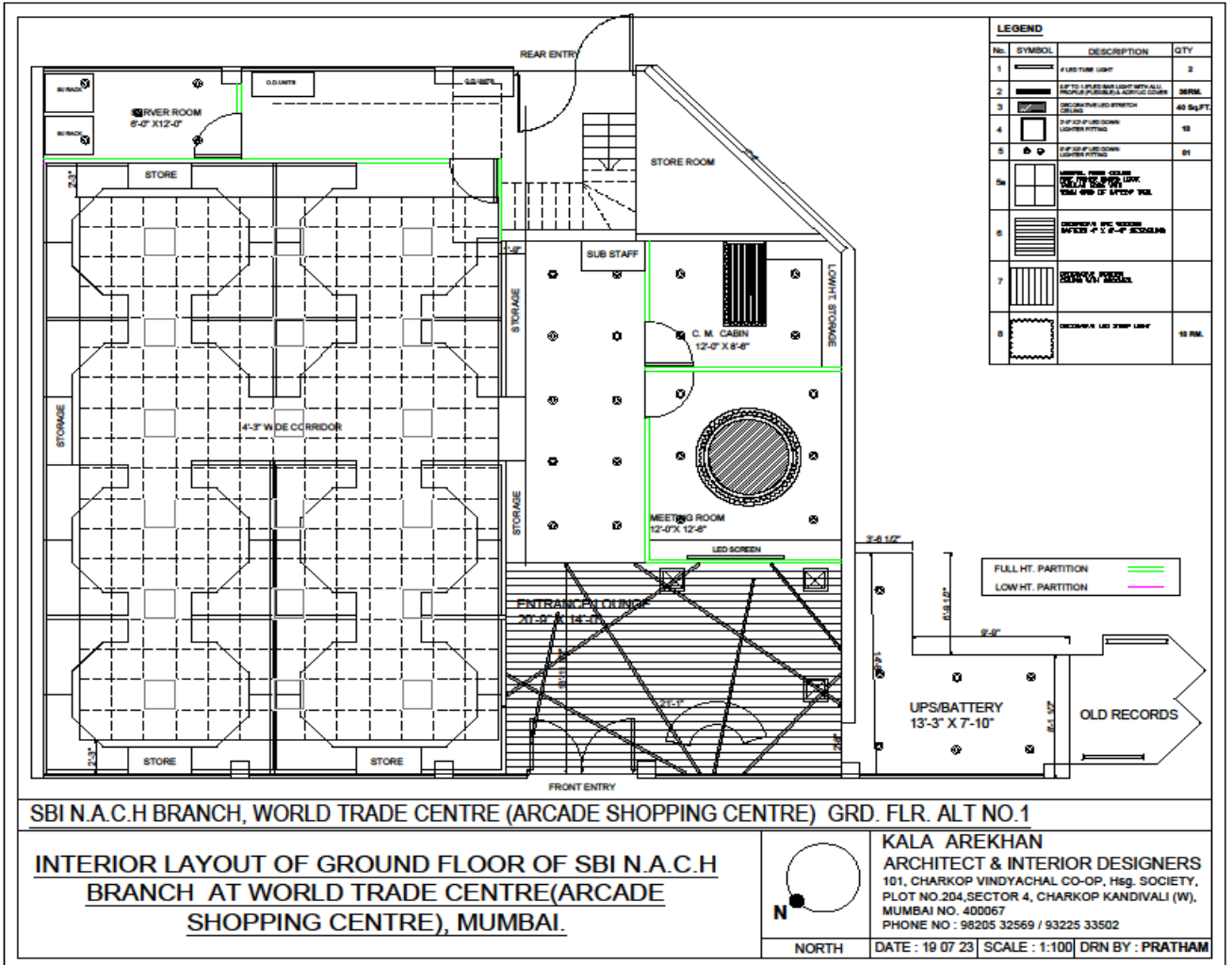
1. All unexposed surfaces of timber (any variety) used shall be treated with necessary coats of wood preservative.
2. All exposed surfaces of timber (any variety) shall also have necessary coat of wood primer / putty and paint / polish as per description in the item.
3. Before making bulk quantities, the contractor shall make each of the item as sample and get it approved in writing from the consultant's minor modification if and as suggested by the consultant the same shall have to be incorporated without any extra cost.
4. All exposed edges of ply board shall be fixed with cedar / teak wood lipping.
5. All fabrics / leatherite to be used shall cost Minimum Rs. 450/ - per meter unless otherwise specified in the item.  
Difference in cost for approved sample shall be adjusted accordingly.
6. For furniture item where required whether mentioned or not shall be include providing fixing of Brass / Power coated handles /knobs multipurpose locks, mini tower bolts, ball catchers, hinges, screws and sliding rails etc.
7. Back of all storage, cabinets, and consoles shall be in 6mm commercial ply only.
8. Thickness of laminates to be used shall be 1 mm except where specified.
9. Ant termite treatment is to provide for all wood / board /ply used in the storage.

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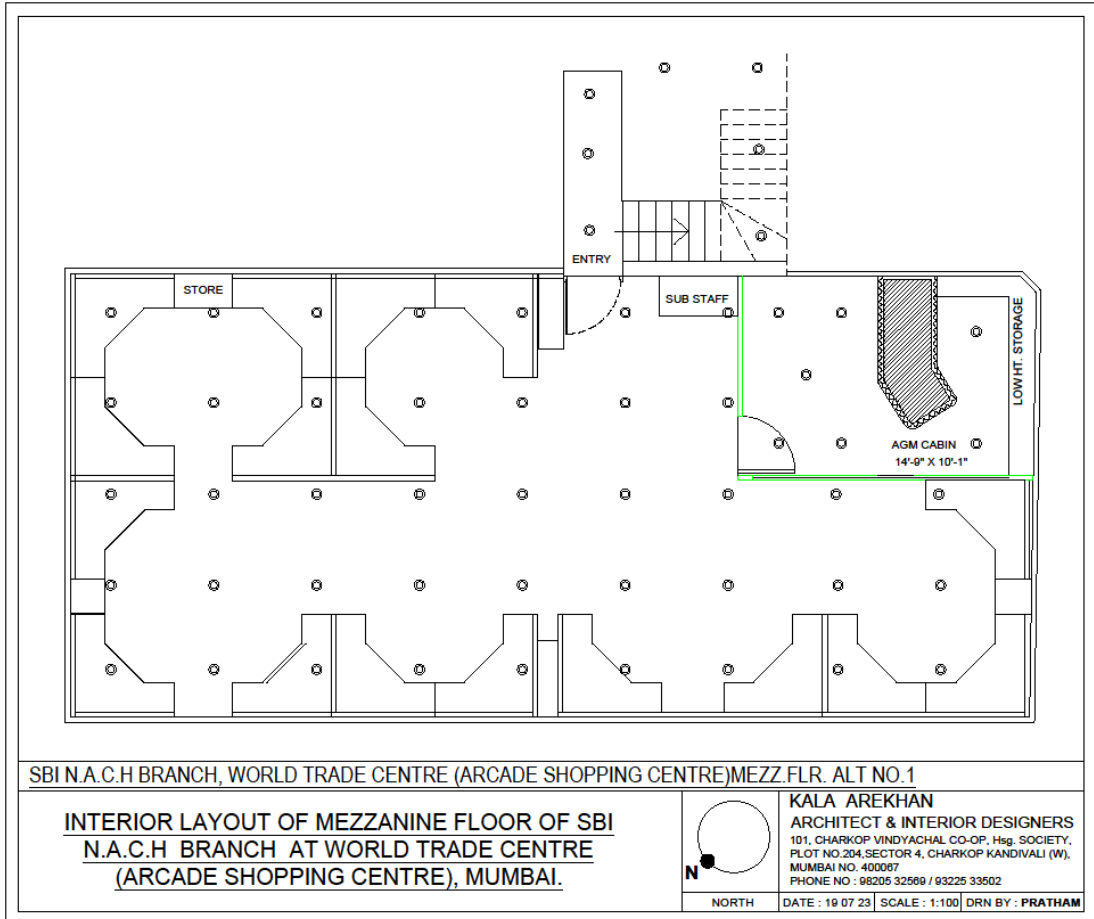


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## **STATE BANK OF INDIA**

**TENDER FOR PROPOSED INTERIOR WORKS OF N.A.C.H BRANCH,  
WORLD TRADE CENTRE,(ARCADE SHOPPING CENTRE),  
CUFF PARADE,MUMBAI 400 005.**

### **PART – B: PRICE BID**

**TENDER SUBMITTED BY :**

**NAME** : \_\_\_\_\_  
**ADDRESS** : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
**DATE** : \_\_\_\_\_

**ARCHITECT :**

**M/S. KALA AREKHAN,  
101,VINDHYACHAL CHS. LTD.,  
PLOT NO.204, SECTOR 4,  
CHARKOP, KANDIVALI WEST,  
MUMBAI-400 067.  
TEL. NO. . 49620068  
Email : kalaarekhan@gmail.com**

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<b><u>STATE BANK OF INDIA</u></b>					
<b><u>TENDER FOR CIVIL/INTERIOR WORK OF NACH BRANCH AT WORLFD TRADE CENTRE ,CUFF PARADE.</u></b>					
Sr.No	Description	Qty.	Per	Rate	Amount (Rs.)
<b>I</b>	<b>CIVIL WORK :</b>				
1	Removing Existing Flooring: Removing Existing Flooring Carting away Debris etc. complete.	321	Sq.Mt.		
2	Removing of Existing Skirting : Removing Existing Skirting & Carting away Debris etc. complete	128	R.Mt.		
3	Prov. & Laying Vitrified Tiles Flooring : Providing & Fixing Hi Gloss Nano finished Double Polished Vitrified Flooring of 1st Quality 24"X24"size in light & dark colour H.R.Jonson-Perlato/URO/ASIAN/ Kajaria Co. make to floor in required position fixed on bed of cement mortar 1:4 Mix. Vitrified tiles shall be fixed with neat cement float filling joints neat matching colour cement slurry, rubbing, cleaning etc. complete as per nstruction of Architect for following. (Basic cost of Nano Finished Double Polished Vitrified Tile of Kajaria co. is up to Rs.85/- per Sf.t ) Rate shall be inclusive of 1. POP base over to take precaution from scratches till end of the work. 2. Mode of measurements will be calculated as the actual distance between finished surfaces.	321	Sq.Mt.		

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4	Decorative 4" wide Round PVT/Vitonite Tiles Ring with 12DecorativePetalsTotal 6'-0" Dia.: Prov. & fixing 12 no.s Decorative Petal with laser cut pices of light and dark colour Italian Marble Print PVT Eternity Tiles of Kajaria or Eq. Co. in the centre of the banking hall. The rate should be inclusive of filling matching colour pigment in the joints neatly as per the drawing etc. complete Basic Cost of Italian Marble Print PVT Eternity tiles/ Vitronite Tiles upto 450/per Sq.ft.	1	Sq.Mt.		
5	Providing & fixing Vitrified tiles as per above specifications skirting to walls. (Basic cost of Vitrified tiles Rs.85/-Sft.)	128	R.Mt.		
<b>I)</b>	<b>TOTAL CIVIL WORK :</b>				
<b>II)</b>	<b>CARPENTARY WORK :</b>				
<b>A)</b>	<b>LOOSE FURNITURE WORKS:</b>				
1	<b>TABLES :</b>				

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a)	<p>A.G.M (Size 7'-6"x 2'-9") (Veneer) :          Providing and Making R.M table made out of 18mm thick ISI 303 BWR grade ply boxing of approved quality and make. Teak wood lippings, foot rest etc. Table top made out of 18mm thick angular ISI 303 BWR-grade ply backing table with matching front fascia with 12mm thk. blue laqured / back painted toughened glass modesty pannel as per detail drawing. with matching veneer and melamine polish. Sitting area will have one drawer units in 3Nos x 6" ht drawers with locking arrangements. Earlbihari powder coated Telescopic channels to be provided all the drawers, key board trays, space for CPU stand, wire manager etc; Table top (working area lvl.) with one piece 8 mm thick glass with top below should be finished with veneer and dark border front fascia in side. complete internly finished with white laminate on inside area of drawer units. Key board trays etc. as per the designs patterns,details and instructions. The rate should be inclusive of side storage unit. (Basic cost of Veener upto 125/-per Sq. ft.)</p>	1	Nos.		
b)	<p>C.M (Size 5'-6"x 2'-6") (Veneer) :          Providing and Making R.M table made out of 18mm thick ISI 303 BWR grade ply boxing of approved quality and make. Teak wood lippings, foot rest etc. Table top made out of 18mm thick angular ISI 303 BWR-grade ply backing table with matching front fascia with 12mm thk. blue laqured / back painted toughened glass modesty pannel as per detail drawing. with matching veneer and melamine polish. Sitting area will have one drawer units in 3Nos x 6" ht drawers with locking arrangements. Earlbihari powder coated Telescopic channels to be provided all the drawers, key board trays, space for CPU stand, wire manager etc;</p>	1	Nos.		

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	Table top (working area lvl.) with one piece 8 mm thick glass with top below should be finished with veneer and dark border front facia in side. complete internally finished with white laminate on inside area of drawer units. Key board trays etc. as per the designs patterns,details and instructions. The rate should be inclusive of side storage unit. (Basic cost of Veener upto 125/- per Sq. ft.)				
c)	Meeting Room (Size 5'-0" dia) : Prov. & mak. 5'-0" dia. Meeting room table with 12mm. Thk. Bevelled edge Glass fixed on 1.5" thk. Comm. Ply of ISI 303 BWR grade Cross legs with 1.0mm thick metallic finish laminate and veneer to be finish with Semi glass melamine polish of approved quality and shade at base and Vaccume Catch for fixing of glass.	1	Nos.		
d)	Corner tables (Size 1'-6" x 1'-6") : Providing & making Decorative Square corner tables with unique T.W. base to be finish with melamine polish/ Duco paint & 1/2" Thk. Glass top having bevelled egdes OR 19mm. Thk. Ply base finished with 12mm. thk. Corean Board of Marino Helix P004 Solaris White etc. complete (Basic Cost of 12mm. thk. Marino Helix P004 Solaris White Korean Board upto 1050/Sq.ft.) as per Architect's Instructions.	3	Nos.		

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2	Workstations (Size 5'-0"x5'-0") : Prov. & Making Angular Workstations of 3/4" thk. Commercial ply and 1/0mm thk. Sued laminate of approved shade with one no. of Key board and drawer unit with one drawer and file storage below with locking arrangement finished with 1.0mm. thk. laminate externally and internally with french polish. (Size 5'-0"x5'-0")	44	Nos.		
3	System Room Counter : Providing & fixing System Room Counter in 3/4"thk.ply.finished with 1.0mm thk. Sued/matt finished laminate of app.shade as per design including key board drawer on telescopic channels &storage box with 5" ht.drawer on telescopic channels,with both side shutters below & locking arrangement .Internally to be finished with french polish as per Architect's instructions.	2	R.Mt.		

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4	<p>Sub Staff Tables (Size 4'-0"x 2'-0"x2'-6" ht.) with 16"storage: Providing and Making tables made out of 19mm thick ISI 303 BWR grade ply boxing of approved quality and make. Teak wood lippings, foot rest etc. Table top made out of 12mm thick ISI 303 BWR-grade ply backing, Table size (4'-0 "wide x 2'-0"long x 2'-6" ht. ) Sitting area will have one drawer units in 3 Nos x 6" ht. drawers with locking arrangements. Earlbihari powder coated Telescopic channels to be provided all the drawers, key board trays, space for CPU stand, wire manager etc; Plain front in side &amp; out side finished with light &amp; dark colour matching laminate finish with semi gloss melamine polish and 1.0mm rhk. white laminate on inside area of drawer units. Key board trays etc. as per the designs patterns, details and instructions. (Basic cost of laminate 1800 per sheet). Contd..</p>	2.50	R.Mt.		
5	<b>DOORS :</b>				

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a)	Main entrance (Size 5'-0"x 7'-0") : Providing & erecting Double leaf new main entrance door of 5'-0" x 7'-0" size with 12mm. thk. toughened Glass with matching horizontal etched linings of 1" frost & 1/2" clear as per design/ Etched Emblem of Bank on top on each pannel. Matt steel door handles with floor locking 48" ht. of Enox or equivalent Co. make on the both the side/ The rate should be inclusive all hard wares like S.S. finished Patch fitting Hinges, Floor spring Enox, Ozone, Haffele, Dorma make etc.complete, Rate should be inclusive of 4'-0" ht. S.S. Matt Steel door handles with floor locking arrangement of Enox co. etc.complete as per the designs and details form the Architects. The Rate shall be inclusive of Horizontal Etched Linings In between 3' to 6' horizontal etched linings of 1" frost & 1/2" clear as per design	2	Nos.		
b)	UPS/System/Pantry/Store (Size 3'-0"x 7'-0") : Providing and fixing 35 mm. thk. flush door shutters with both side 1.0mm thk.laminate finish ,etc as per the instructions. The rate should be inclusive all hardwares like 3 No.of brass hinges.C.P. handles, Dead Lock, Door closer of Enox, Ozone, Haffele, Dorma make etc.complete as per the designs and details form the Architects. (Size 3'-0" x 7'-0")	1	No.		

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6	Visitors Sofa Seating : Providing & making three seater / two seater / single seater Sofa sets with arms seating to be made in 3"X1-1/2" thk. T.W. frame with 3/4" thk. ply box with necessary supports having 4" thk. Foam back and 6" thk. seat with upholstery of approved colour (upto Rs.-450/-per meter) all around covered till the bottom as shown in drg. with 4" thk. T.W. base fin. with melamine polish.	3	R.Mt.		
<b>IIA) TOTAL AMOUNT OF LOOSE FURNITURE WORK :</b>					
<b>IIB) FIXED FURNITURE WORKS:</b>					
1	Full ht.lamminate Solid Partition (With doors) : Prov.& fixing Full ht. Solid partition with 18 gauge aluminum section members of 2" x 2" (Weight should be 210 gms/ Rft) @ 2'-0" centre to centre frame both ways including 8mm thk.ISI 303 BWR grade ply OR 12mm. thk. exterior grade particle board on both sides with 1.0mm sued/matt finished laminate as directed. Complete as per design. and door with both side approved colour 1.0 mm. thick laminate finish on door shutter. The rate should be inclusive all hard wares like 3 Nos of brass hinges,1'-0" Ht. C.P.handles,etc.deadlocks, heavy duty, door closers complete as per the designs. Rate should be inclusive of additional 2" x 2" 18 Gauge Alluminium member at skirting level. (Basic cost of laminate 1800 per sheet)	16.4	Sq.Mt.		

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2	<p>Full ht. both Side Veneer (With doors) :          Providing &amp; Fixing Solid Partition made          of 18 gauge aluminum section members          of 2 1/2" x 1 1/2"@ 2'-0" centre to          centre fixing with 6mmthick MR grade          ply on both sides and complete with          One Side Veneer and Other side          approved colour 1.0 mm thick laminate          finish on the outer side, Rate should be          inclusive of necessary openings in the          partitions (if needed) such as for A/C,          grills, electrical conduits and switches,          data cabling etc.(Ht. of the partitions          upto soffit of false ceiling / laminate          finish top shall be considered for          payment and the alternate, corner          vertical members complete as per the          instructions of Architect.) Basic Cost Of          Veneer is upto `1100/Sq.Mt.</p>	10	Sq.Mt.		
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3	<p>Full ht. Partly Glazed Partitions (With Both side veneers &amp; doors) :          Providing &amp; Fixing Partly Glazed Full Ht. Partition made of 18 gauge aluminum section members of 2" x 2"@ 2'-0" centre to centre fixing with 6mmthick MR grade ply or 12mm thk exterior grade partical board on both sides and complete with approved colour 1.0 mm thick laminate finish of approved quality with 8mm. thk. glass above 3'-0" ht. up to 7'-0" ht. having matching horizontal etching lining with machine polish edges all around as per design; Rate should be inclusive of necessary openings in the partitions (if needed) such as for electrical conduits and switches, data cabling etc.(Ht. of the partitions upto sofit of false ceiling / laminate finish top shall be considered for payment and the alternate, corner vertical members complete as per the instructions of Architect.)</p>	31	Sq.Mt.		
4	<p>Full ht. Glass Partitions (With doors) :          Prov.&amp; fixing 12mm. thk. Full Ht. Toughened Glass partition with etched horizontal lines of 1" ht. &amp; 1/2" clear space in between as per design. Rate should be inclusive of additional Alluminium profile fixed in the flooring &amp; above finished false ceiling level with necessary patch fittings as required to hold the glass partition. All exposed glass surfaces should be machine polished edges. The Rate shall be also inclusive of floor spring, necessary hardware, 12" Ht. Matt steel Door Handles, &amp; Patch type S.S. Matt finish Center- locking arrangement &amp; In between 3' to 6' ht., horizontal etched linings of 1" frost &amp; 1/2" clear as per design etc. complete.</p>	28	Sq.Mt.		

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5	<p>Solid Partition Low ht (Partly Glazed) :  Prov.&amp; fixing low height partly glazed partition with 18 gauge aluminum section members of 2" x 2" (Weight should be 210 gms/ Rft) @ 2'-0" centre to centre frame both ways including 8mm thk.ISI 303 BWR grade ply OR 12mm. thk. exterior grade particle board on both sides 1.0mm Texture finished laminate upto 3'-0" ht. Complete as per design. And 1'-0" ht. 12mm Thk. Glass with machine polished edges to be fixed with matt steel D- brackets as per design. Rate should be inclusive of additional 2" x 2" 18 Gauge Alluminium member at skirting level. All exposed edges of the partition to be finished with matching 1.0mm Thk. Texture Laminate.  (Basic cost of laminate 1800 per sheet)</p>	147	Sq.Mt.		
6	<p>Storage Unit Low ht (4'-6" ht.) :  Providing &amp; fixing Low ht storage filling Unit 15"/ 20" deep of 3/4"thk. ISI 303 BWR grade ply OR 12mm. thk. exterior grade particle board on shutters finished with 1mm thk. Sued/matt finished laminate of app.shade as per design and 6mm.thk. ply back with 2 no.s of shelf to be finished with 1mm thk. sued white laminate &amp; Lock etc. complete.</p>	9.3	Sq.Mt.		

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7	Rear & Side Storage Unit in C.M / A.G.M Cabin (Veneer) : Providing and fixing new wooden storage unit 15" deep with side boards made out of 18mm thick ISI 303 BWR grade ply boxing, teak wood lippings silding /openable shelves (18mm thick) and fully exposed area finished with veneer of approved quaility with malamined polish and shade inside area finished with 1.0mm thk. sued/matt white laminate etc. complete as per designs patterns and instructions.(Basic cost of Veener upto Rs. 125/-per Sq. ft.)	3	Sq.Mt.		
8	Laminate Column Cladding : Prov.& fixing Cladding to Columns in office area with 18 gauge aluminum section members of 2 1/2" x 1 1/2" (Weight should be 210 gms/ Rft) @ 2'-0" centre to centre frame both ways including 6mm thk.ply on one side with 1.0mm sued/matt finished laminate upto ceiling level. as per design. Complete as per design. Rate should be inclusive of Gypsum Sheet with white Paint/ Com ply with white laminate above door height upto the ceiling bottom & additional 2" x 11/2" T.W. member at skirting level. (Basic cost of laminate 1800 per sheet)	31	Sq.Mt.		

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9	<p>Laminate Panneling to walls :  Prov.&amp; fixing panneling to walls in office area with 18 gauge aluminum section members of 2 1/2" x 1 1/2" (Weight should be 210 gms/ Rft) @ 2'-0" centre to centre frame both ways including 6mm thk.ply on one side with 1.0mm sued/matt finished laminate upto ceiling level. as per design. Complete as per design. Rate should be inclusive of 1) 3D GRG Pannel with matching paint of approved colour above 4' ht. up to 7'-0" ht. at intervals as per design. Basic cost of 3D GRG Pannel Rs. 325/- per sft. 2) Gypsum Sheet with white Paint/ Com ply with white laminate above door height upto the ceiling bottom &amp; additional 2" x 1 1/2" T.W. member at skirting level. (Basic cost of laminate 1800 per sheet)</p>	52	Sq.Mt.		
10	<p>Veneer Panneling to walls :  Prov.&amp; fixing panneling to walls in office area with 18 gauge aluminum section members of 2 1/2" x 1 1/2" (Weight should be 210 gms/ Rft) @ 2'-0" centre to centre frame both ways including 6mm thk.ply on one side with 1.0mm sued/matt finished laminate upto ceiling level. as per design. Complete as per design. Rate should be inclusive of 1) 3D GRG Pannel with matching paint of approved colour above 4' ht. up to 7'-0" ht. at intervals as per design. Basic cost of 3D GRG Pannel Rs. 325/- per sft. 2) Gypsum Sheet with white Paint/ Com ply with white laminate above door height upto the ceiling bottom &amp; additional 2" x 1 1/2" T.W. member at skirting level. (Basic cost of laminate 1800 per sheet)</p>	14	Sq.Mt.		

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11	<p>Calcium Silicate Solid partitions UPS/ Battery:          Providing &amp; fixing Calcium Silicate fin. with matching Acrylic emulsion paint solid partition of 18 gauge aluminum section members of 2" x 2"@ 2'-0" frame both ways including Calcium Silicate boards on both sides etc. to be finished with Two Coats of Acrylic Emulsion paint with one coat OF pPRIMER &amp; Putty above Toughened Glass Glazed Partitions completely as per Design.</p>	13	Sq.Mt.		
12	<p>Curved counter 8'-6" :          Providing and fixing Counter of 6mm thk. White Korean Board with 1.5" Thk. Bull Nose Moulding from inside and Curved Machine polished edge from outside dropped down to form light pelmet on front Apron as per detail drawing. The Front Apron will have 6mm. thk. white colour Korean in curve with dark colour veneer/korean with 4" ht. Skirting as per drg. including keyboard drawer on telescopic channels and 15" deep storage box with 3 no.s drawers of eq. size This should have 3/4' thk.ply shelf fin. with matching Core laminate for CPU as per drawing with T.W.member of 2 1/2" x 1 1/2"member at skirting level for foot rest. All external edges to be in colored polished and internal surfaces to be finished with 1.0mm. thk. white Core laminate as per Arch.'s instructions.</p>	1.00	Sq.Mt.		

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	Counter Top and apron to be finished with 6mm. thk. Corean Board of Marino Henix P004 Solaris White/REHAU co. etc. complete (Basic Cost of 12mm. thk. Marino Helix P004 Solaris White Korean Board upto `1050/Sq.ft. & 6mm. Thk. upto `850/Sq.ft.)				
13	Decorative Wooden Ceiling : Prov. & Fixing Decorative wooden Ceiling with 19mm. Thk. BWR grade Ply boxing 4" ht. fixed with plain base to be finished with matching light & dark colour veneer with melamine polish / Wooden Texture Laminate of approved colour & 4" panel with 1/2" grooveas per the design of Architect	28	Sq.Mt.		
14	Curved 2'-9" to 5' wideStretch Ceiling(Tensile Fabric Fixing) : Prov. & fix. Decorative stretch ceiling in Curved shape to the false ceiling of AGM cabin & above counter with 4" wide bands of Flex/PVC tensile Fabric panels to be neatly placed as per the shape material for soft cove light illuminatuion.	5.2	Sq.Mt.		
15	LED Electric fittings with drivers in stretch Ceiling (Prov. & Fix. Of High Power LED pannel of Samsung or equivalent app. co.): Prov. & fix. Decorative stretch ceiling in Curved shape to the false ceiling of AGM cabin & above counter with 4" wide bands of Flex/PVC tensile Fabric panels to be neatly placed as per the shape material for soft cove light illuminatuion.	5.2	Sq.Mt.		
16	Ply Boxing for Mounting Stretch Ceiling: Prov. & Fix. Angular 6" ht. wooden ply boxing upto 36" wide above AGM table with 1.5" border to fix the LED lights and Fabric material. Rate should be inclusive of 0.8mm. Thk. Laminate fixing to the internal surface and intaernally with matching veneer.	7	Sq.Mt.		

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17	Fixing 2"x 4" x 4" ht. 19mm thk. Ply C-shape Reverse wooden ply boxing inside false ceiling of appropriate lengths as per design for hoisting decorative LED Bar fixtures.	36.48	R.Mt.		
18	FIXING OF GRC WOODEN FINISH RAFTERS PLANKS: Prov.& fixing wooden Finish GRC Rafters Planks of 200mm x 2400mm. Size in tongue - groove arrangement given by the company in horizontal or vertical pattern on the bare panel or on Ceiling ply boxing/ pannel with appropriate adhesive in line level as directed by the architect/ Bank Engineer. Basic cost of 200mm x 2400mm size GRC Rafter Plank is upto 1500/-per piece.	4	Sq.Mt.		
<b>II B)</b>	<b>TOTAL AMOUNT OF FIXED FURNITURE WORK :</b>				
<b>II)</b>	<b>TOTAL AMOUNT OF CARPENTARY WORK :</b>				
<b>III)</b>	<b>OTHER WORKS:</b>				
<b>A)</b>	<b>P.O.P. WORK :</b>				

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1	Gypsum Ceiling with painting : Providing & Fixing suspended 12.5 mm thick gypsum false ceiling, including P& F G.I.Perimeter channels of size 0.55mm thick having one flange of 20mm & another flange of 30mm & aweb of 27mm along with perimeter of ceiling screw fixed to brick wall/ partition with the help of nylon sleeves and screws at 600mm centres then suspended G.I. Intermediate channels of size 45mm x 0.9mm thk. with 2 flanges of 1.5mm each from the soffit at 1220mm centres with the ceiling angle of width 25mm x 10mm x 0.55mm thk. fixed to soffit with G.I. & steel expansion fastners. (As per manufacturer's specifications) Notes:- 1. Area of the False Ceiling will be measured in plan ie; Wall to Wall. 2. Rate Shall be inclusive of 3/4" thk.PlyVertical patta supports at the junction of the windows. 3. Rate shall be also inclusive of Two Coats of White Acrylic Emulsion Paint with One Coat of Primer after prparing proper plain surface after scrubbing etc.	153	Sq.Mt.		
2	Prov.& Fix. Mineral Fibbre ceiling : Providing and fixing Mineral Fibbre false ceiling made out of Powdercoated G.I supported Scelotte Grid frames with 2'-0" x2'-0" size 12mm thick armstrong/Project Interior co. Tiles fixed below with necessary cut outs for light fittings,ultima board of approved design fully in the and level and as per the instructions.	12	Sq.Mt.		
3	Prov. & fixing Gyp. Board 6" Deep patta : Prov. & fixing Gyp. Board 6" Deep patta at junction of walls and Ceiling and edges of Tube light Truff. With 24" wide flat band.	95	R.Mt.		
4	Prov. & fix. POP punning to walls in line level complete.	84	Sq.Mt.		
	<b>TOTAL P.O.P. WORK :</b>				

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<b>B)</b>	<b>PAINTING WORK :</b>				
1	Prov. & Apply. Acrylic Emulsion Paint to walls & beams : .Providing & aplying Birla/Spectrum/Nitco/Kemt看 make texturised paint after removing existing finishes of plaster and applying texturised paint as per the Manufacturar's specifications including leveling the existing surface with plaster of POP, cracks filled with chemicals/ M-Seal material etc. complete as per site requirement and instructions of Architect.	83	Sq.Mt.		
2	Prov. & Apply. Special Dark Colour Acrylic Paint to walls & beams : .Providing & aplying Birla/Spectrum/Nitco/Kemt看 make texturised paint after removing existing finishes of plaster and applying texturised paint as per the Manufacturar's specifications including leveling the existing surface with plaster of POP, cracks filled with chemicals/ M-Seal material etc. complete as per site requirement and instructions of Architect.	14	Sq.Mt.		
3	Prov. & Applying Enamel Paint : Prov. & Applying Enamel Paint to Rolling shutter with one coat of Red Oxide Paint Primer & two coats of silver enamel paint with putry etc. complete	10	Sq.Mt.		
	<b>TOTAL OF PAINTING WORK :</b>				
<b>C)</b>	<b>MISCELLANEOUS WORKS :</b>				
1	Roller Blinds : Providing & Fixing Roller Blinds of Dark Black Out type Fabrick of approved Colour having powder coated rods & adjustable String etc. complete of Vista or equivalent co, make	25	Sq.Mt.		

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2	3mm.PVDF Composite Pannel at front Side : Prov. & fix. In position All. Composite Pannel Boxing with Sparkle White PVDF Coating and LDPE Copre Laminated with Alludecor EuroBond/ AltoBond/ TimexBond extrior grade 4mm. thk. with Composite of ( 0.5 mm.- 3.0 mm. -0.5mm. thk.) including Fabrication for the same with Alluminium Sections & necessary hardware, Silicon-Sealant ( Dow Coring-789), masking Tapes, necessary Scaffolding etc. complete.	49	Sq.Mt.		
3	Pannel Board Cabinet : Providing and fixing electrical panel board area shutter (openable and partly louvered) made out of 19mm thick MR grade ply boxing, shutters. The Board will have 12mm. thk back of MR grade ply with 12mm. thk bison board top on all internal surfaces and 1.0mm thick laminate finish on front, with app. colour polish to external edges brass hinges, handles etc. as per the details. The shutters should have 12" ht. All. Powder coated louvers on top and bottom for ventilation.	3	Sq.Mt.		
<b>C) TOTAL AMOUNT OF MISCELLANEOUS WORKS :</b>					
<b>III) TOTAL AMOUNT OF OTHERWORKS :</b>					
<b>SUMMARY:</b>					
<b>I)</b>	<b>CIVIL WORK:</b>				
<b>II)</b>	<b>CARPENTARY WORK:</b>				
<b>III)</b>	<b>OTHER WORKS:</b>				
	<b>TOTAL AMOUNT (Without GST) :</b>				
	<b>Add 9% CGST:</b>				
	<b>Add 9% SGST:</b>				
	<b>WITH GST AMOUNT:</b>				

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