



Reserve Bank of India

College of Agricultural Banking, Pune

SCHEDULE OF TENDER (SOT)

Item	Description
e-Tender no	RBI/CAB Pune//446/22-23/ET/446
Name of the work	Renovation of four numbers of Class IV flats located at Rajanigandha Staff Quarters, Aundh, Pune.
Mode of Tender	e-Procurement System (Online Part I - Techno-Commercial Bid and Part II - Price Bid through www.mstcecommerce.com/eprochome/rbi)
Date of NIT available to parties to download	From 05:00 PM of 01.12.2022
Pre-Bid meeting	At 11:00 AM on 05.12.2022
Earnest Money Deposit	₹17,800/-
Tender Fees	NIL
Date of starting of e-Tender for submission of online Techno-Commercial Bid and price bid at www.mstcecommerce.com/eprochome/rbi	4:00 PM of 08.12.2022
Last date of submission of EMD	Till 12:00 PM of 20.12.2022
Date of closing of online e-tender for submission of Techno-Commercial Bid & Price Bid	2:00 PM of 20.12.2022
Date & time of opening of Part-I (i.e. Techno-Commercial Bid) Part-II Price Bid: Date of opening of Part II i.e. price bid shall be informed separately	4:00 PM of 20.12.2022
MSTC Transaction Fee	Amount as prescribed by MSTC Ltd.



**COLLEGE OF AGRICULTURAL BANKING (CAB)
RESERVE BANK OF INDIA
PREMISES SECTION
UNIVERSITY ROAD, PUNE – 411 016
Notice Inviting Tenders**

RENOVATION OF FOUR NOS. OF CLASS IV FLATS AT RAJNIGANDHA STAFF QUARTERS

1. College of Agricultural Banking, Reserve Bank of India, Pune (**the Bank**) invites E-tenders from Bank's empaneled vendors for **RENOVATION OF FOUR NOS. OF CLASS IV FLATS AT RAJNIGANDHA STAFF QUARTERS**. The work is estimated to cost **₹8.85 Lakhs (including 18% GST)** and is to be completed within **60 days** from the 10th day of written order to commence work.
2. The EMD of **₹17,800/-** shall be submitted in the form of NEFT. Details of NEFT are given in Section I of this tender.
3. Online tenders will be available for viewing /download **from 05 PM on 01/12/2022** from the website www.mstcecommerce.com.
4. The intending bidders must be **empanelled with College of Agricultural Banking, Reserve Bank of India, Pune** in category of works above ₹5.00 lakh (Category III & above) in the trade of Civil works. **The tender must be uploaded on the website www.mstcecommerce.com.**
5. A pre-bid meeting (off-line mode) of the intending bidders will be held **on 05/12/2022 at 1100 hours** at College of Agricultural Banking, Reserve Bank of India, University road, Pune-411016.
6. The duly filled in tender documents shall be uploaded on MSTC site www.mstcecommerce.com till **2.00 PM on 20/12/2022**.
7. Part I of the tenders will be opened on-line at **4.00PM on 20/12/2022** in the presence of the authorized representative of the bidders who choose to be present. Part-II (Price bid) of the eligible bidders shall be opened on a subsequent date which will be intimated to the bidders in advance.
8. The Bank is not bound to accept the lowest tender and reserves the right to accept either in full or in part any tender. The Bank also reserves the right to reject any or all the tenders without assigning any reason there for.

Principal

SCHEDULE OF TENDER (SOT)

Item	Description
e-Tender no	RBI/CAB Pune//446/22-23/ET/446
Mode Of Tender	e-Procurement System (Online Part I - Techno-Commercial Bid and Part II - Price Bid through www.mstcecommerce.com/eprochome/rbi)
Date of NIT available to parties to download	From 5.00 PM of 01/12/2022
Pre-Bid meeting	At 11:00 AM on 05/12/2022
Earnest Money Deposit	₹17,800/- upto 12.00 pm on 20/12/2022
Tender Fees	NIL
Date of Starting of e-Tender for submission of on line Techno-Commercial Bid and price Bid at www.mstcecommerce.com/eprochome/rbi	4:00 PM of 08/12/2022
Date of closing of online e-tender for submission of Techno-Commercial Bid & Price Bid	2:00 PM of 20/12/2022
Date & time of opening of Part-I (i.e. Techno-Commercial Bid) Part-II Price Bid: Date of opening of Part II i.e. price bid shall be informed separately	4:00 PM of 20/12/2022
Transaction Fee	Amount as advised by M/s MSTC Ltd.

Important instructions for E-procurement

Bidders are required to register themselves with MSTC E commerce portal to participate in the bidding process. Bidders are requested to read the terms & conditions of this tender before submitting your online tender.

1	<p>Process of E-tender :</p> <p>A) Registration: The process involves vendor's registration with MSTC e-procurement portal which is free of cost. Only after registration, the vendor(s) can submit his/their bids electronically. Electronic Bidding for submission of Technical Bid as well as Commercial Bid will be done over the internet. The Vendor should possess Class III signing type digital certificate. Vendors are to make their own arrangement for bidding from a P.C. connected with Internet. MSTC is not responsible for making such arrangement. (Bids will not be recorded without Digital Signature).</p> <p>SPECIAL NOTE: THE TECHNICAL BID AND THE COMMERCIAL BID HAS TO BE SUBMITTED ON-LINE AT www.mstcecommerce.com/eprochome/rbi</p> <p>1) Vendors are required to register themselves online with www.mstcecommerce.com → e-Procurement → PSU/Govt depts → Select RBI Logo- >Register as Vendor -- Filling up details and creating own user id and password → Submit.</p> <p>2) Vendors will receive a system generated mail confirming their registration in their email which has been provided during filling the registration form. In case of any clarification, please contact RBI/MSTC, (before the scheduled time of the e- tender).</p> <p>Contact person (RBI):</p> <ol style="list-style-type: none">1. Kamal Kumar Batra (Asst. General Manager): 8209490528 (kbatra@rbi.org.in)2. Sudhansu Vikram (Asst. Manager): 9041088108 (sudhansuv@rbi.org.in)3. Pooja Pai (JE Civil): 7499116355 (poojapai@rbi.org.in) <p>Contact person (MSTC Ltd):</p> <p>Centralized helpdesk for vendors: 033-234002020/23400021/23400022</p> <ol style="list-style-type: none">2. Helpdesk at MSTC Mumbai for vendors:022-22886268/228227893. Mr. Tanmoy Sarkar, Deputy Manager: 8349894664 – tsarkar@mstcindia.co.in4. Ms. Rupali Pandey, Deputy Manager: 9458704037- rpandey@mstcindia.co.in <p>B) System Requirement:</p>
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	<p>i) Windows 7 or above Operating System ii) IE-7 and above Internet browser. iii) Signing type digital signature iv) Latest updated JRE 8 (x86 Offline) software to be downloaded and installed in the system.</p>
	<p>To disable “Protected Mode” for DSC to appear in The signer box following settings may be applied.</p> <p><input type="checkbox"/> Tools => Internet Options =>Security => Disable protected Mode If enabled- i.e, Remove the tick from the tick box mentioning “Enable Protected Mode”. <input type="checkbox"/> Other Settings:</p> <p>Tools => Internet Options => General => Click On Settings under “browsing history/Delete Browsing History” => Temporary Internet Files => Activate “Every time I Visit the Webpage”.</p> <p>To enable ALL active X controls and disable ‘use pop up blocker’ under Tools→ Internet Options→ custom level (Please run IE settings from the page www.mstcecommerce.com once)</p>
2	<p>The Techno-commercial Bid and the Price Bid shall have to be submitted online at www.mstcecommerce.com/eprochome/rbj. Tenders will be opened electronically on specified date and time as given in the Tender.</p>
3	<p>All entries in the tender should be entered in online Technical & Commercial Formats without any ambiguity.</p>
4	<p>Special Note towards Transaction fee:</p> <p>The vendors shall pay the transaction fee using “Transaction Fee Payment” Link under “My Menu” in the vendor login. The vendors have to select the particular tender from the event dropdown box. The vendor shall have the facility of making the payment either through NEFT or Online Payment. On selecting NEFT, the vendor shall generate a challan by filling up a form. The vendor shall remit the transaction fee amount as per the details printed on the challan without making change in the same. On selecting Online Payment, the vendor shall have the provision of making payment using its Credit/ Debit Card/ Net Banking. Once the payment gets credited to MSTC’s designated bank account, the transaction fee shall be auto authorized and the vendor shall be receiving a system generated mail.</p> <p><u>Transaction fee is non-refundable.</u></p> <p>A vendor will not have the access to online e-tender without making the payment towards transaction fee.</p> <p><u>NOTE</u></p> <p>Bidders are advised to remit the transaction fee well in advance before the closing time of the event so as to give themselves sufficient time to submit the bid.</p>

5	Information about tenders /corrigendum uploaded shall be sent by email only during the process till finalization of tender. Hence the vendors are required to ensure that their corporate email I.D. provided is valid and updated at the time of registration of vendor with MSTC. Vendors are also requested to ensure validity of their DSC (Digital Signature Certificate).
6	E-tender cannot be accessed after the due date and time mentioned in NIT.
7	<p>Bidding in e-tender :</p> <p>a) Vendor(s) need to submit necessary EMD and Transaction fees (If ANY) to be eligible to bid online in the e-tender. Transaction fees are non-refundable. No interest will be paid on EMD. EMD of the unsuccessful vendor(s) will be refunded by the tender inviting authority.</p> <p>b) The process involves Electronic Bidding for submission of Technical and Commercial Bid.</p> <p>c) The vendor(s) who have submitted transaction fee can only submit their Technical Bid and Commercial Bid through internet in MSTC website www.mstcecommerce.com → e-procurement →PSU/Govt depts→ Login under RBI→ My menu→ Auction Floor Manager→ live event →Selection of the live event</p> <p>d) The vendor should allow running JAVA application. This exercise has to be done immediately after opening of Bid floor. Then they have to fill up Common Terms/Commercial specification and save the same. After that click on the Technical bid. If this application is not run then the vendor will not be able to Save/submit his Technical bid.</p> <p>e) After filling the Technical Bid, vendor should click 'save' for recording their Technical bid. Once the same is done, the Commercial Bid link becomes active and the same has to filled up and then vendor should click on "save" to record their Commercial bid. Then once both the Technical bid & Commercial bid has been saved, the vendor can click on the "Final submission" button to register their bid</p> <p>f) Vendors are instructed to use Attach Doc button to upload documents. Multiple documents can be uploaded.</p> <p>g) In all cases, vendor should use their own ID and Password along with Digital Signature at the time of submission of their bid.</p> <p>h) During the entire e-tender process, the vendors will remain completely anonymous to one another and also to everybody else.</p> <p>i) The e-tender floor shall remain open from the pre-announced date & time and for as much duration as mentioned above.</p> <p>j) All electronic bids submitted during the e-tender process shall be legally binding on the vendor. Any bid will be considered as the valid bid offered by that vendor and acceptance of the same by the Buyer will form a binding contract between Buyer and the Vendor for execution of supply.</p> <p>k) It is mandatory that all the bids are submitted with digital signature certificate otherwise the same will not be accepted by the system.</p> <p>l) Tender issuing authority reserves the right to cancel or reject or accept or withdraw or extend the tender in full or part as the case may be without assigning any reason thereof.</p> <p>No deviation of the terms and conditions of the tender document is acceptable. Submission of bid in the e-tender floor by any vendor confirms his acceptance of terms & conditions for the tender.</p>

8	Any order resulting from this tender shall be governed by the terms and conditions mentioned therein.
9	No deviation to the technical and commercial terms & conditions are allowed.
10	The tender inviting authority has the right to cancel this e-tender or extend the due date of receipt of bid(s) without assigning any reason thereof.
11	Bidders are requested to read the vendor guide and see the video in the page www.mstcecommerce.com/eprochome to familiarize them with the system before bidding.



**COLLEGE OF AGRICULTURAL BANKING
RESERVE BANK OF INDIA
UNIVERSITY ROAD
PUNE – 411 016**

PART – I (Technical Bid)

**RENOVATION OF FOUR NOS. OF CLASS IV FLATS AT RAJNIGANDHA STAFF
QUARTERS**

Name of Contractor: _____

Date of NIT	: 01/12/2022 Time: 5.00 PM
Pre-bid Meeting	: 05/12/2022 Time: 11.00 AM
Last date of submission of tender	: 20/12/2022 Time: Up to 2.00 PM
Date of opening of Technical Bid	: 20/12/2022 Time: 4.00 PM

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Section A

LETTER OF OFFER

To,

Dear Sir,

Dear Sir / Madam,

Having examined the Drawings, Specifications, Designs and Schedule of Quantities relating to the works specified in the Memorandum herein after 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 within the time specified in the said Memorandum at the rates mentioned in the Schedule of Quantities and in accordance in all respects with the Specifications, Designs, 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	Name of Work	RENOVATION OF FOUR NOS. OF CLASS IV FLATS AT RAJNIGANDHA STAFF QUARTERS
b	Estimated cost	₹8.85 Lakh (Including 18% GST)
c	Earnest money Deposit	₹17,800/-
d	Time allowed for completion of the work	60 days from the 10 th day of written order to commence the work.

- 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 they may be applicable or in default thereof to forfeit the EMD and pay to the Reserve Bank of India the amount mentioned in the said Conditions
- I/ We have deposited a sum of **₹17,800/-** earnest money with the RBI, which amount will not 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 the RBI.

Our Bankers are:

i)

ii)

The names of partners of our firm are:

i) _____

Address:

ii) _____

Address:

Name of the partner of the firm authorized to sign.

OR

Name or person having power of attorney to sign the contract

(Certified copy of power of Attorney should be attached.)

Yours faithfully,

(Signature of the Contractor with seal)

Witness:

1) _____

Signature

Address

.....

2) _____

Signature

Address:

.....

INTERPRETATION CLAUSE

In construing the conditions, the specifications, Schedule of Quantities and Articles of Agreement, the following words shall have the meanings herein assigned to them except where the subject or context otherwise requires.

- a) "Employer" shall mean the Reserve Bank of India and shall include its assigns and successors.
- b) "Bank's Engineer": shall mean the Engineer of the Employer who is in - charge of the "Works".
- c) "Contractor" in the case of a partnership: "Contractor" shall mean ----- and ----
-----trading as partners in the name and style of ----- and having a place of business at ----- and shall include the partners for the time being of the said firm and the legal representatives of a deceased partner.
 - C1) In the case of individual: "Contractor" shall mean Shri/ Smt.----- Trading in the name and style of ----- and shall include his/ her heirs, successors and legal representative.
 - C2) In the case of company: "Contractor" shall mean ----- a company incorporated under -----and having its registered office at ----- and shall include its successors and assigns.
- d) "Site" shall mean the site of the contract works including any building and erections thereon and any other land (inclusively) as aforesaid allotted by the Employer for the Contractor's use.
- e) "This Contract" shall mean the Articles of Agreement, Instructions & conditions, Special conditions, The Appendix, The Schedule of Quantities, drawings/ sketches and specifications etc attached hereto and duly signed.
- f) "Notice in writing or written notice": shall mean a notice in written, typed or printed characters sent (unless delivered personally or otherwise proved to have been received) by registered post to the last known private or business address or registered office of the addressee and shall be deemed to have been received when in the ordinary course of post it would have been delivered.
- g) "Act of insolvency": shall mean an Act of Insolvency as defined by the Presidency Towns Insolvency Act, or the Provincial Insolvency Act or any Act amending such original Act.
- h) "Net Prices": if in arriving at the contract amount the contractor shall have added to or deducted from the total of items in the Tender any sum, either as a percentage or otherwise, then the net price of any item in the tender shall be the sum arrived at by

adding to or deducting from the actual figure appearing in the Tender as the price of that item as a similar percentage or proportionate sum provided always that in determining the percentage or proportion of the sum so added or deducted by the Contractor the total amount of any Prime Cost items and Provisional sums of money shall be deducted from the total amount of the tender. The expression “net rates” or “net prices” when used with reference to the contract or accounts shall be held to mean rates or prices so arrived at.

“The works”: shall mean **“RENOVATION OF FOUR NOS. OF CLASS IV FLATS AT RAJNIGANDHA STAFF QUARTERS”**. Words imparting persons include the plural and vice versa where the context requires.

Section B

GENERAL INSTRUCTIONS TO BIDDERS AND CONDITIONS OF THE CONTRACT

1. The Part I and Part II of the Tender shall be uploaded on MSTC website. **The Part I of the tender should contain only covering letter, clarifications, technical and commercial conditions if any, Special conditions and the Part II should contain only Price Bid in the BOQ.**
2. No tender will be received after **2.00 PM on 20/12/2022** under any circumstances whatsoever.
3. Part I tender will be opened at 1600 Hrs on the same date at the office of **The Principal, College of Agricultural Banking, Reserve Bank of India, University Road, Pune-411016** or any other officer designated for this purpose by him in the presence of the Bidders or their representatives, should they choose to be present. Part II of the tender will be opened on the same day or a subsequent date, which will be intimated to all the Bidders. Tenders shall remain valid for acceptance by the Bank for a period of three months from the date of opening of the **Part II of the tender** which period may be extended by mutual agreement and the Bidder shall not cancel or withdraw the tender during this period.
4. **Earnest Money Deposit (EMD):** The Earnest Money Deposit of **₹17,800/-** shall be payable in the form of NEFT. Documentary proof in respect of remittance of EMD through NEFT should be submitted to the Bank. A tender which is not accompanied by EMD will not be considered. The EMD will be returned to the tenderer if his tender is not accepted by the Bank, without any Interest. The EMD paid by the successful tenderer shall be held by the Bank as security for execution and fulfilment of the contract. No interest shall be paid on this deposit.
5. **Retention Money Deposit (RMD):** 5% of the total value of work done will be withheld from the Bill by the Bank as Retention Money (RM). The Earnest Money Deposit (EMD) of the successful tenderer and the RM shall be converted into Security Deposit (SD). **On receipt of Virtual Completion Certificate issued by the Bank's Engineers, the EMD retained towards security deposit shall be released to the contractors and the Retention Money deducted towards Security deposit shall be released on expiry of the stipulated Defects Liability Period.**
6. The Reserve Bank of India does not bind itself to accept the lowest or any tender and reserves to itself the right to accept or reject any or all the tenders, either in whole or in part.
7. The Reserve Bank of India reserves the right to sub-divide the work mentioned in the tender, amongst two or more contractors at its own discretion and the Contractor will have to execute orders for part of the items placed with them at the quoted rates. The Reserve Bank of India also reserves the right to increase or decrease the quantities and even omit any item of work after the order is placed and the Contractor shall execute the same. In this context, the rates quoted for each item must be self-supporting and relevant.

8. **Contract Agreement:** On receipt of intimation from the Employer of the acceptance of his/their tender, the successful Bidder shall be bound to sign the formal Contract and within **fourteen days** thereof, the successful Bidder shall sign an agreement in accordance with the draft agreement and the Schedule of Conditions but the written acceptance by the Reserve Bank of India of a tender will constitute a binding contract between the Reserve Bank of India and the person/ firm so tendering, whether such formal agreement is or is not subsequently executed. The cost of necessary Stamp paper for execution of the agreement shall be borne by the successful Bidder.
9. **Assignment and sub-letting:** The Contractor shall not assign the contract. He shall not sublet any portion of the contract except with the written consent of the Employer. In case of breach of these conditions, the Employer may serve a notice in writing on the Contractor rescinding the contract whereupon the security deposit shall stand forfeited to the Employer, without prejudice to his other remedies against the Contractor.
10. The Contractor shall carry out all the work strictly in accordance with details, specifications and instructions of the Bank's Engineer. If in the opinion of the Bank's Engineer, any changes have to be made in the specification the Contractor shall carry out the same. The Bank's Engineer decision in such cases shall be final.
11. A schedule of probable Quantities in respect of each work and Specifications is enclosed. The Schedule of Probable Quantities is liable to alterations as per Bank's requirement. Each tender should contain not only the rates but also the value of each item of work entered in a separate column and all the amounts quoted against various items should be totaled in order to show the aggregate value of the entire tender.
12. The Bidder must obtain for himself on his own responsibility and at his own expenses all the information which may be necessary for the purpose of making tender and for entering into a contract and must examine the drawings, inspect the site of the work, acquaint himself with all local conditions, means of access to the work, nature of the work and all matters pertaining thereto.
13. **Taxes/ levies to be included in the rates:** The rates quoted in the tender shall include all charges for **packing, transport, loading, unloading, delivery at site, hire for any tools and plants etc.** The rates shall also be firm and shall not be subject to exchange variations, labour conditions, fluctuations in railway freights or any conditions whatsoever.

The applicable GST percentage, as per the Govt. of India (GOI) extant rules/regulations, shall be added by the contractor at the end of the tender amount to work out the total tender amount.

14. Prices of extras etc. and ascertainment:

- a) The contractor may, when authorized and shall, when directed in writing by the Employer add to, omit from or vary the works shown upon the drawings, or described in the Specification, or included in the Schedule of Quantities, but the Contractor shall

make no addition, omission or variation without such authorization or direction. A verbal authority or direction by the Employer shall if, confirmed in writing within seven days, be deemed to have been given in writing. No claim for an extra shall be allowed unless it is executed with the written approval of the Employer. Any such extra is herein referred to as 'Authorized extra' and payment shall be made in accordance with the following provisions;

- i. Net rates or prices in the original tender 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 therein. Rates for all items wherever possible shall be derived out of the rates given in the Priced Schedule of Quantities.
 - ii. The net prices of the original tender shall determine the value of the items omitted, provided if omissions vary the conditions under which any remaining items of works are carried out, the prices for the same shall be valued under sub-clause (iii) hereof.
 - iii. 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 of works are carried out or if the amount of any omissions or additions relative to the amount of the whole of the Contract works or to any part thereof shall be such that in the opinion of the Bank's Engineer, the net rate or price contained in the Priced Schedule of Quantities or tender or for any item of the works involves loss or expense beyond that reasonably contemplated by the Contractor or is by reason of such omission or addition rendered unreasonable or inapplicable, the bank's Engineer shall fix such other rate or price as in the circumstances he shall think reasonable and proper.
 - iv. Where extra work cannot be properly measured or measured or valued, the
 - v. Contractor shall be allowed day work prices as the net rates stated in the tender or the Priced Schedule of Quantities 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 Employer, the workmen's names) and materials employed be delivered for verification to the Employer or his representative at or before the end of the week following that in which the work has been executed.
- b) It is further clarified that for all such authorized extra items where rates cannot be derived from tender, the contractor shall submit rates supported by rate analysis worked on the 'actual cost basis', plus 15% towards establishment charges, contractor's overheads and profit.
- c) The Contractor should note that unless otherwise stated the tender is strictly on item rate basis and his attention is drawn to the fact that rates for each and every item should be correct, workable and self-supporting. The quantities in the Schedule of Quantities approximately indicate the total extent of work but may vary to any extent and may even be omitted thus altering the aggregate value of the contract. However, during the actual execution of work if the quantities of any of the items of work exceeds by **more than 25 % of the tender quantities**, the quantities of such items executed, by the authority of Bank's Engineer, in excess of 25% of the tender quantity shall be considered as an extra item of work for which the contractors shall submit fresh rates supported by rate analysis worked on the actual cost basis plus **15%** towards

establishment charges, contractor's over heads and profit. The rates for all such items of work, being current ones, will not be eligible for price adjustments due to increase or decrease in prices of materials and labour rates as per escalation formula, if any given in the tender. If any of the items of work is omitted from the accepted tender at the sole discretion of the Bank, the contractor shall not be entitled to any claim on this account.

- 15. Liquidated damages for delayed completion:** Time allowed for carrying out the work is **90 days** which shall be strictly observed by the Bidder and it shall be reckoned from the **tenth day** of written order to commence the work is issued. The work shall throughout the stipulated period of the contract be proceeded with all due diligence and if the Contractor fails to complete the work within the specified period he shall be liable to pay compensation at the rate of 0.25 % of the accepted contract value per week subject to a maximum amount of **10% of the contract amount**. The Bidder shall before commencing work prepare a detailed work programme, which shall be approved by the Bank's Engineer.
- 16.** The Contractor shall not be entitled to any compensation for any loss suffered by him on account of delays in commencing or executing the work, whatever the cause of delays may be, including delays arising out of modifications to the work entrusted to him or in any sub-contract connected therewith or delays in awarding contracts for other trades of the project or in commencement or completion of such works or in procuring government controlled or other building materials or in obtaining water and power connections for construction purpose or for any other reason whatsoever and the Employer shall not be liable for any claim in respect thereof. The Employer does not accept liability for any sum besides the tender amount, subject to such variations as are provided for herein.
- 17.** The successful Bidder is bound to carry out any or all items of work necessary for the completion of the job even though such items are not included in the quantities and rates. The Employer will issue schedule of Instructions in respect of such additional items and their quantities in writing.
- 18.** The successful Bidder must co-operate with other contractor(s) appointed by the Employer so that the work shall proceed smoothly with the least possible delay and to the satisfaction of the Engineer.
- 19. Defect Liability Period and Performance Guarantee Period:** Any defect such as peeling off, fading of paint or any other fault which may appear during 12 months Defect Liability Period stated in the Appendix hereto from the date of virtual completion of work in full as specified under the contract, arising in the opinion of the Bank's Engineer from materials or workmanship not in accordance with the contract, shall upon the directions in writing of the Bank's Engineer, and within such reasonable time as shall be specified therein, be amended and made good by the Contractor at his own cost and in case of default the Bank may employ and pay other persons to amend and make good such defects/faults and damages, loss and expenses consequent there upon or incidental thereto shall be made good and borne by the contractor and such damages, loss and expenses shall be recoverable from him by the Bank, or may be deducted by the Bank

upon the Bank's Engineers' certificate in writing from any money due or that may become due to the contractor. The contractor shall remain liable under the provisions of this clause notwithstanding the signing by the Bank's Engineer any certificate or passing of any accounts.

20. Stipulated time for completion of work: The work must be completed in given time period. The entire work is to be completed within a period of **60 days** from the tenth day of issue of work order. The Contractor is advised to visit the site and get himself fully acquainted with the general and local site conditions, particularly, those having bearing upon transportation, handling, storage etc. prior to quoting the tender.

21. Materials to conform to specifications - Tests on Materials work etc.

- i. All materials and workmanship shall, so far as procurable, conform strictly to requirements in accordance with the schedule of quantities and instructions of Bank's Engineers and the contractor shall, upon the request of the Bank's Engineer, furnish proof to his satisfaction that they so conform and if required shall also furnish all invoices, accounts, receipts and other vouchers for this purpose.
- ii. However, the contractor shall, before he places orders for supply, furnish to the Bank's Engineer at his own expense, samples of materials including patented products and those under specific makes, proposed to be used in the works, well in time, notwithstanding prior approval by Bank's Engineer/Employer of such products and makes; such prior approval shall not constitute a waiver of the rule regarding approval of samples. In all cases when makers/manufacturers have test certificates for their goods/articles/ products/ processes/equipment, Photostat copies of such test certificates shall be produced by the contractor along the samples.
- iii. The Bank's Engineer will, within two weeks of the date of supply of samples or within such further period, as it may be depending upon each case, require to intimate to contractor whether the samples are approved by him or not. If samples are not approved, the contractor shall forthwith arrange to supply to the Bank's Engineer for his approval, fresh samples complying with the specifications.
- iv. The approved samples, bearing distinct marks of identification of such approval, shall be displayed by the contractor, at his own expense, prominently at the site, during the entire execution period, and for one month after the date of virtual completion of the work, for inspection/verification by the Bank's Engineer/Employer, without any charge accruing to him (contractor) the approved samples remaining in the safe custody of the contractor till they are so handed over to the employer.
- v. The Bank's Engineer shall be entitled to have tests carried out on the work or its parts or material accessories, either during its progress or on completion, where and when deemed necessary or on any materials to be incorporated in the work/installation supplied by the contractor or otherwise, notwithstanding that the work or its parts or accessories or the said materials have been accepted and passed/passed for incorporation. The contractor should arrange for such tests at their own cost and no payment shall be made in this regards.
- vi. The scope of the clause regarding test will cover not only materials/articles of everyday use and of ordinary description but also patented products and those under specific

makes, notwithstanding that satisfactory test certificates from makers/manufacturers have been produced in accordance with sub clause-iii above.

- vii. The methods of sampling, the nature and extent of the tests to be carried out and their interpretation shall be in accordance with the provisions of relevant BIS codes unless otherwise provided in this contract. The names of the laboratories or test houses, (where tests are to be done outside the site), in which the tests are to be carried out shall be got approved by the Bank's Engineer.
22. The contractor should quote rates in the Schedule of Quantities considering all the conditions mentioned above and elsewhere in the tender.
23. The successful Bidder may please note that, the Bank will deduct the amount on account of Work Contract tax, education cess and the income tax including surcharge etc., if any, from the bills as per the orders of State / Central Government as applicable during the period of the contract.
24. **Insurances:** The contractor shall be responsible for any injury to persons, animals or things and for all structural and decorative damage to property which may arise from the operation or neglect of himself or of any nominated sub-contractor's employees, whether such injury or damage arise from carelessness, accident or any other case whatever in any way connected with the carrying out of the contract. This clause shall be held to include, inter-alia, any damage to buildings, whether immediately adjacent or otherwise, and any damage to roads, streets, footpaths, bridges or ways as well as all damage caused to the buildings and works forming the subject of this contract, by frost or other inclemency of weather. The contractor shall indemnify the Employer and hold him harmless in respect of all and any expenses arising from any such injury or damage to persons or property as aforesaid and also in respect of any claim made in respect of injury or damage.
- a) Under any Acts of Government or otherwise and also in respect of any award of compensation or damages consequent upon such claims.
- b) The contractor shall reinstate all damages of every sort mentioned in this clause, so as to deliver up the whole of the contract works complete and perfect in every respect and so as to make good or otherwise satisfy all claims for damage to the property of third parties.
- c) The contractor shall indemnify the Employer against all claims which may be made against the Employer by any member of the public or other **third party** in respect of anything which may arise in respect of the works or in consequence thereof and shall at his own expenses arrange to effect and maintain, until the virtual completion of the contract with an approved office, a policy of insurance in the joint names of the Employer (first name) and the Contractor against such risks and deposit such policy or policies with the Employer from time to time during the currency of this contract. The minimum limit of the coverage under the policy shall be ₹ 2 lakh per person for any one accident or occurrence and ₹ 5 lakh in respect of damage to property for any one accident or occurrence. The contractor shall also similarly indemnify the Employer against all claims which may be made upon the Employer whether under the **Workmen's Compensation Act** or any other statutes in force during the currency of

this contract or at Common Law in respect of any employee of the contractor or any sub-contractor and shall at his own expense effect and maintain, until the virtual completion of the contract, with an approved office a policy of insurance in the joint names of the Employer (first name) and the Contractor against such risks and deposit such policy or policies with the Employer from time to time during the currency of the contract.

- d) The Contractor shall be responsible for anything, which may be excluded from the insurance policies above referred to, and also for all other damages to any property arising of and incidental to the negligent or defective carrying out of this contract. He shall also indemnify the Employer in respect of any costs, charges or expenses arising out of claim or proceedings of damage arising there from.
- e) The Employer shall be at liberty and is hereby empowered to deduct the amount of any damage, compensation, costs, charges and expenses arising or occurring from or in respect of any such claims or damage from any or all sums due or to become due to the contractor. In addition to the above, the Contractor shall insure the work and take **CAR (Contractors All Risk) policy** against loss due to fire, theft, earthquake etc., for the entire contract amount with an approved insurance company till the virtual completion of the work and deposit the policy or policies with the Employer before commencing the work.
- f) In default of the Contractor insuring as provided above, the Employer may so insure and deduct the premiums paid from any money due or which may become due to the Contractor. In case, if for any reason, the Insurance is not taken, by oversight, by the Employer also and the fact comes to light at a later stage, the Employer shall deduct the premium for the Insurance as assessed by the Employer and the contractor shall accept the same without demur.
- g) The contractor shall be responsible for any liability which may not be covered by the insurance policies referred to above and also all other damages to any person, animal or effective carrying out of this contract, whatever may be the reasons due to which the damage shall have been caused.
- h) 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 the diligence to rebuild or repair the work destroyed or damaged. In this event all the money 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.
- i) The contractor, in case of rebuilding or reinstatement after fire etc, shall be entitled to such extension of time for completion as the Bank's Engineer may deem fit, but shall however, not be entitled to reimbursement by the Employer or any shortfall or deficiency in the amount finally paid by the Insurer in settlement of any claim arising as set out herein.

Without prejudice to his liability under this clause, the contractor shall cause all nominated sub-contractors to effect, for their respective portions of the works, similar policies of Insurance in accordance with provisions of this clause and shall produce or cause to produce to the Employer such policies. The contractor shall not permit a nominated sub-contractor to commence work at the site unless the above said Insurance Policies are submitted. In the event of failure of the sub-contractor to take

out such a policy of insurance before commencing the works at the site, the contractor shall be responsible for any claim or damage attributable to the said sub-contractor.

25. If in the opinion of the Bank's Engineer the works be delayed (a) by force majeure or (b) by reason of any exceptionally inclement weather or (c) by reason of proceedings taken or threatened by or dispute with adjoining or neighboring owners or public authorities arising otherwise than through the Contractors own default or (d) by the works or delays of other Contractors or Tradesmen engaged or nominated by the Employer and not referred to in the Schedule of Quantities and/or Specification or (e) by reason of civil commotion, local combination of workmen or strike or lockout affecting any of the building trades or (f) in consequence of the contractor not having received in due time necessary instructions from the Bank's Engineer for which he shall have specifically applied in writing or (g) from other causes which the Bank's Engineer may certify as beyond the control of Contractor or (h) in the event, the value of the work exceed the value of the Priced Schedule of Quantities owing to variation, the Bank's Engineer may with previous approval in writing of the Employer make a fair and reasonable extension of time for completion of the contract works. In case of such strike or lockout the Contractor shall immediately give written notice thereof to the Employer but the Contractor shall nevertheless constantly use his endeavors to prevent delay and shall do all that may reasonably be required to the satisfaction of the Bank's Engineer to proceed with work.
26. If the contractor needs an extension of time for the completion of the work or if the completion of work gets delayed for any reasons beyond the due date of completion stipulated in the contract, the contractor shall apply to the Employer for extension of time in writing at least 7 days before the expiry of the scheduled time and while applying for extension of time contractor shall furnish the reasons in detail and his justification, if any, for delays. Only that period of extension of time as granted by the Employer (on receipt of the application from the contractor or even in absence of any such application) will qualify for exemption of imposition of liquidated damages. For the balance period in excess of original stipulated period and authorized extension of time granted by the Employer, the provision of liquidated damages as stated under **Clause 15** will become applicable.

Further the contract shall remain in force even for the period beyond the due date of completion irrespective whether the contractor has applied or not, for the grant of extension of time for completion unless the Employer decides to terminate the contract. The delay for completion of work for any reason will not entail any right to the contractor to claim any revision of rates or any extra compensation for any reason.

27. **(a) Termination of Contract by the Employer:** If the contractor being an individual or a firm commits any "act of insolvency", or shall be adjudged an Insolvent or being an Incorporated Company shall have an order for compulsory winding up made against it or pass an effective resolution for winding up voluntarily or subject to the supervision of the Court and the Official Assignee or the Liquidator in such acts of insolvency or winding up, as the case may be, shall be unable within **seven days** after notice on him requiring him to do so, to show to the reasonable satisfaction of the Bank's Engineer that he is able to

carry out and fulfill the contract and to give security therefore, if so required by the Bank's Engineer.

Or if the contractor (whether an individual, firm or incorporated Company) shall suffer execution or other process of Court attaching property to be issued against the contractor. 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 Employer first hand and obtained.

Or shall charge or encumber this contract or any payments due or which may become due to the contractor hereunder.

Or if the Bank's Engineer shall clarify in writing to the Employer that the contractor

- (i) Has abandoned the contract, or
- (ii) Has failed to commence the works, or has without any lawful excuse under these conditions suspended the progress of the works for fourteen days after receiving from the Employer notice to proceed or
- (iii) Has failed to proceed with the works with such due diligence and failed to make such due progress as would enable the works to be completed within the time agreed upon, or
- (iv) Has failed to remove materials from the site or to pull down and replace work for seven days after receiving from the Employer, written notice that the said materials or work were condemned and rejected by the Bank's Engineer under these conditions, or
- (v) 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 contractor for seven days after written notice shall have been given to the contractor requiring the contractor to observe or perform the same.

Then and in any of the said case the Employer may, notwithstanding any previous waiver, after giving seven days' notice in writing to the contractor, determine the contract, but without thereby affecting the powers of the Bank's Engineer or the obligations and liabilities of the contractor, the whole of which shall continue in force as fully as if the contract had not been so determined, and as if the works subsequently executed had been executed by or on behalf of the contractor. And further, the Employer by his agents or servants may enter upon and take possession of the works and all plants, tools, scaffoldings, sheds, machinery steam and other power utensils and materials lying upon the premises or the adjoining lands or roads, and use the same as his own property or may employ the same by means of his own servants and workers in carrying on and completing the works or by employing any other contractor or other person or persons to complete the works, 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 person or persons employed for completing and finishing or using the material and plant for the works. When the works shall be completed or as soon thereafter as convenient the Bank's Engineer shall give a notice in writing to the contractor to remove his surplus materials and plant, and should the contractor fail to do so within a period of fourteen days after receipt thereof by him, the Employer may sell the same by public auction, and give credit to the contractor for the net amount realized. The Bank's Engineer shall thereafter ascertain and certify in

writing under this what (if anything) shall be due or payable to or by the Employer, for the value of the said plant and materials so taken possession of by the Employer and expense or loss which the employer shall have been put to in procuring the works to be completed and the amount, if any, owing to the contractor and the amount which shall be so certified shall thereupon be paid by the Employer to the contractor or by the contractor to the Employer, as the case may be, and the Certificate of the Bank's Engineer shall be final and conclusive between the parties.

(b) Termination of the Contract by the Contractor: If the payment of the amount certified by the Bank's Engineer and payable by the Employer shall be in arrears and unpaid for thirty days after notice in writing requiring payment of the amount as aforesaid shall have been given by the Contractor to the Employer, or if the Employer shall repudiate the Contractor, or if the works be stopped for three months under the order of the Employer or by any injunction or other order of any Court of Law, then and if any of the said cases the contractor shall be at liberty to determine the Contract by notice in writing to the Employer, and he shall be entitled to recover from the Employer, payment of all works, executed and for any loss he may sustain upon any plant or materials supplied or purchase or prepared for the purpose of the Contract.

In arriving at the amount of such payment the net rates contained in Contractor's original Tender shall be followed.

- 28.** The Employer may, in his absolute discretion, issue written instructions in regard to;
- a) The variation or modification in the design shape, quality or quantity of the items of work or the addition or omission or substitution of any item of work.
 - b) Any discrepancy in the Bill of Quantities and or specifications.
 - c) The removal from the site of any person or material brought thereon by the Contractor not to their satisfaction and the contractor shall forthwith comply with and carry out any such instructions.
- 29.** Rates of items, if any, not mentioned in the Bills of quantities shall be fixed by the Bank's Engineer on the basis of the tendered rates to the extent possible or by rate analysis based on prevailing market rates.
- 30.** The Contract document shall remain in the custody of Employer and shall be produced by him at his office and when required by the contractor. The contractor on signing hereof shall be furnished free of cost with a certified copy of the Agreement.
- 31.** The contractor shall conform to the provisions of any Acts of Legislature relating to the various works and for manufacture and to the Regulations and Byelaws of an authority. The contractor shall indemnify the Employer against all claims in respect of patent rights and shall defend at his own cost all actions arising from such claims.
- 32.** The Employer or any of his authorized representatives shall have the power to reject and/or refuse any materials of doubtful quality and workmanship.

- 33. Certificates and payment:** The contractor shall be paid by the Employer on the basis of the certificates to be issued by the Bank's Engineer subject to administrative checks and corrections if any.
- 34. Defective Materials:** Any defects or faults in the materials supplied and in the work done by the contractor which may appear during execution of the work or within twelve months shall, upon the discretion of the Bank's Engineer be replaced or set right by the Contractor at his own cost within seven days of receiving such directions. The Bank reserves the right to get the work executed/ work examined by other Government or Private Agency and the directions of such agency shall also be binding on the Contractor.
- 35. Measurement of works:** The Bank's Engineer may, from time to time, intimate to the contractor that he requires the works to be measured and the contractor shall forthwith attend or send a **qualified agent** to assist the Bank's Engineer in taking such measurements and calculations and to furnish all particulars and to give all assistance required. Should the contractor not attend or neglect or omit to send such agent, then the measurements taken by the Bank's Engineer or a person approved by him shall be made taken to be correct measurement of the works. Such measurements shall be taken in accordance with the Indian Standard mode of measurement, unless otherwise provided for elsewhere in this contract. The contractor or his agent may, at the time of measurement shall take such notes as he may require. All **authorized extra works**, omissions and all variations made without the knowledge, if subsequently sanctioned by him in writing shall be included in such measurements. The employer also reserves the right to verify any of the measurements of the contractor at any point of time before making the payment.
- 36.** The contractor shall give notice of not less than ten clear days to the Bank's Engineer or his representative in charge of work before covering up or placing beyond the reach of measurement and correct dimensions thereof be taken before the same is covered up or placed beyond reach of measurement. If any work were so covered up without the consent of the Bank's Engineer and his representative in charge of the work shall be uncovered at the contractor's expense, within the aforesaid period of 10 days. In case of failure to comply with this clause the item will not be measured and paid for.
- 37. Completion Certificate:** The works shall not be considered as completed until the Bank's Engineer has certified in writing that they have been virtually completed and the defects liability period shall commence from such certified date of virtual completion of work.
- 38.** Within 10 days of the completion of the work, the contractor shall give notice of such completion to the Bank's Engineer and within 45 days of the receipt of such notice, the Bank's Engineer shall inspect the work and if there is no defect in the work, shall furnish the contractor with a certificate of completion, otherwise a provisional certificate of completion indicating defects (a) to be rectified by the contractor and/or (b) for which payment be made at reduced rates shall be issued. But no certificate of completion, provisional or otherwise shall be issued, nor shall the work be considered to be complete until the contractor shall have removed from the premises on which the work was executed all scaffolding, surplus materials, rubbish, temporary shed been erected or constructed by

the contractor(s) and cleared off the dirt from all work, doors, windows, walls, floors or other parts of any building, in, upon or about which the work was executed, or of which he may have had possession for the purpose of the execution thereof, and not until the work shall have been measured by the Bank's Engineer.

- 39.** If the contractor fails to comply with the requirements of this clause as to removal of scaffolding, surplus materials and debris as aforesaid and cleaning off dirt on or before the date fixed for the completion of the work, original or extended, the Employer, after issuing due notice, may at the expense of the contractor remove such scaffolding, surplus materials and debris etc. and dispose of the same as he thinks fit and clean off such dirt as aforesaid and the contractor shall have no claim in respect of any such scaffolding or surplus materials as aforesaid except for any sum actually raised by the sale thereof. And the expenses incurred on account of site clearance may be recovered from any money due, or that may become due, to the contractor by the Employer.
- 40.** If the contractor, within 10 days after receipt of written notice from the Banks Engineer, fails to comply with such further drawings/and or Bank's Engineer Instructions the Employer may employ and pay other persons to execute any such work whatsoever that may be necessary to give effect thereto and all costs incurred in connection therewith shall be recoverable from the contractor by the Employer on the Certificate of the Bank's Engineer as a debt or may be deducted by him from any money due or to become due to the contractor.
- 41.** The Employer shall have a right to cause at technical examination of the works and the final bill of the contractor including all supporting vouchers, abstracts etc. to be made at the time of payment of the final bill. If as a result of this examination or otherwise any sum is found to have been overpaid or over-certified it shall be lawful for the Employer to recover the sum.
- 42.** If for any reason, the Employer is obliged, by virtue of the provisions of the Workmen Compensation Act, to pay compensation(s) to workmen employed by the Contractor, in execution of the works, the Employer will recover from the Contractor, the amount of compensation so paid, and without prejudice to the rights of the Employer under the said Act, the Employer will be at liberty to recover such amount or any part thereof by deducting it from the Security Deposit or from any sum due by the Employer to the Contractor under this Contract or otherwise. The Employer shall not be bound to contest any claim made against it under the provisions of the said Act, except on the written request of the Contractor and upon his giving to the Employer full security for all cost for which the Employer might become liable in consequence of contesting such claim.
- 43. Abandonment of works:** If at any time after the acceptance of the tender the, Employer shall for any reasons whatsoever, not require the whole or any part of the works to be carried out, shall give notice in writing to the Contractor who shall have no claim to any payment of compensation or otherwise whatsoever on account of any profit or advantage which he might have derived from the execution of the whole works.

44. Without prejudice to any of the rights of remedies under this Contract, if the Contractor dies, the Employer shall have the option of terminating the contract without compensation to the Contractor.

45. Settlement of disputes by Arbitration:

(a) All disputes and differences of any kind whatever arising out of or in connection with the contract or the carrying out of the works (whether during the progress of the works or after their completion and whether before or after the determination abandonment or breach of the contract) shall be referred to and settled by the Bank who shall state its decision in writing. Such decision may be in the form of a final certificate or otherwise. The decision of the Bank with respect to any of the excepted matters shall be final and without appeal as stated in **preceding Clauses** hereof. But if either the Contractor be dissatisfied on any matter on which a decision is taken by the Bank as above, except any of the expected matter the Contractor may within 28 days after receiving notice of such decision give a written notice to the other party requiring that the matters in dispute be arbitrated upon. Such written notice shall specify the matters, which are in dispute or difference of which such written notice has been given. If both the parties agree a single arbitrator would be appointed for the purpose. In case no agreement could be reached on the appointment of single arbitrator, both the parties will nominate one person each as an arbitrator on their behalf. The two arbitrators nominated by the parties shall nominate one more person to act as third arbitrator or umpire.

(b) The arbitrator or Arbitrators, as the case may be, shall have power to open up, review and revise any certificate, opinion, decision, requisition or notice, save in regard to the excepted matters, referred to in the **preceding clauses**, and to determine all matters to dispute which shall be submitted to arbitration and of which notice shall have been given as aforesaid.

The arbitrator or Arbitrators, as the case may be, shall make his or their award within one year (or such further extended time as may be decided by him or them as the case may be with the consent of the parties) from the date of entering on the reference. In case during the arbitration proceedings the parties mutually settle or compromise their dispute or difference, on the parties filing their joint memorandum of the settlement or compromise, the Arbitrator or the Arbitrators as the case may be, shall make an award in terms of such settlement or compromise.

(c) Upon any such reference, the decision on the cost incidental to the reference and award respectively shall be in the discretion of the Arbitrator or Arbitrators as the case may be, who may determine the amount thereof or direct the same to be taxed between the party, and shall direct by whom and to whom and in what manner the same shall be borne and paid.

(d) This submission shall be deemed to be a submission to arbitration within the meaning of the Indian Arbitration and Conciliation Act, 1996 or any statutory modification thereof.

(e) The award of the arbitrator or Arbitrators, as the case may be, shall be final and binding on the parties. It is agreed that the Contractor shall not delay the carrying out of the works by reason of any such matter, question or dispute being referred to arbitration, but shall proceed with the works with all due diligence and shall until the decision of the arbitrator or arbitrators is given, abide by the decision of the Bank. No award of the Arbitrator or Arbitrators, as the case may be, shall relieve the Contractor of his obligations to adhere strictly to the Bank's instructions with regard to the actual carrying out of the works. The Employer and the Contractor hereby also agree that arbitration under this Clause shall be a condition precedent to any right of action under the Contract.

I/We hereby declare that I/we have read and understood the above instructions to the contractors

Place:

Signature of the Bidder:

Date:

Address of the Bidder:

Section C

Special Condition of the contract

1. The contractor shall abide all the Contract Labour (Regulation & Abolition) Act 1970 and its subsequent amendments.
2. The workmen will not be allowed to stay within the premises beyond working hours
3. No storage space will be provided by the Bank. Contractors have to make necessary temporary arrangements for the same. However, they may be permitted to make temporary sheds at approved locations within the premises during the period of work. The same shall be removed and taken away by the contractor at their risk and cost after completion of the work.
4. The water required for the work or workmen can be availed from the available source at site free of cost. However, if there is shortage of water, contractors have to make their own arrangements for the same at their risk and cost. The Contractor has to make his own arrangements to take the supply to the requisite position/location.
5. The electric power required for the work can also be similarly drawn from the supply available at site free of cost. The Contractor has to make his own arrangements to take the supply to the requisite position in consultation with Bank's Engineers.
6. Permission, if any, required from the local bodies shall be obtained by the Contractor at his cost.
7. The authorized officials of the Bank shall be entitled to inspect the material/works at any time, if they so desire and the vendor shall provide all reasonable facilities to do so.
8. The contractor shall employ authorised and qualified site Engineer on a regular basis to supervise day-to-day works at site. Such a person shall be capable of following the instructions of the Bank's Engineers and execute the works as per the specifications laid down in the Tender. He shall also maintain daily labour report, daily material consumption, etc. and shall submit the same to the Department
9. The intending Bidder can obtain any clarifications regarding the tender provisions/specifications etc. if any from the office of the Principal, College of Agricultural Banking, Reserve Bank of India, University Road, Pune- 411016 on any Bank's working day.
10. The Bidder may please note that the work is to be executed in an occupied residential colony of the Bank and as such the entire work involved shall be carried out with least disturbance to the residents.
11. The entire materials for the work shall be brought to the working area through the staircase only without any disturbance to the residents.
12. The debris/dust or any wastage generated out of the above work shall be cleaned as frequently as required and as instructed by the Bank's Engineer and make the entire premises clear/clean on a day to day basis including staircase, passages affected/used by the labourers in the above work to the satisfaction of the Bank's Engineers at no extra cost. The entire debris/waste material shall be taken out of the Bank's premises and should not be dumped anywhere in and around the Bank's premises. The contractors are solely responsible if any debris is noticed by the local Corporation and penalty levied.
13. The Bidder is advised to inspect the proposed site of work to acquaint them of the scope of work.

14. The work has to be done in proper coordination with the Caretaker of the colony and other contractors engaged by the Bank.
15. The rates shall be exclusive of GST. **GST should be added separately taking into consideration the amount which the service provider needs to pay to the Govt. of India for providing the services to the Service Recipient in the BOQ.** Refer to the notifications issued by the Govt. of India in this regard from time to time.
16. If, in the price structure quoted by a bidder, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless the Bank feels that the bidder has made a mistake in placing the decimal point in the unit price, in which case the total price as quoted shall prevail over the unit price and the unit price corrected accordingly.
17. If there is an error in a total price, which has been worked out through addition and / or subtraction of subtotals, the subtotals shall prevail and the total corrected; and
18. If there is a discrepancy between the amount expressed in words and figures, the amount in words shall prevail, subject to 19 and 20 below.
19. In case for any item rate is not filled / found blank, the Bank shall take highest quoted rates among the Bidders for evaluation for such item rates. However, lowest quoted rate shall be payable to Bidder for such item, in case the Bidder is declared as lowest Bidder.
20. If there is any arithmetical error in totaling of individual items, the correct total shall be computed by the Bank and the same shall prevail.
21. **Non-disclosure:** The Firm shall not disclose directly or indirectly any information, materials and details of the Bank's infrastructure / systems/ equipment etc., which may come to the possession or knowledge of the Firm during the course of discharging contractual obligations in connection with this agreement, to any third party and shall at all times hold the same in strictest confidence. The Firm shall treat the details of the contract as private and confidential, except to the extent necessary to carry out the obligations under the contract or to comply with applicable laws. The Firm shall not publish, permit to be published, or disclose any particulars of the works in any trade or technical paper or elsewhere without the previous written consent of the Bank. The Firm shall indemnify the Bank for any loss suffered by it as a result of disclosure of any confidential information. Failure to observe the above shall be treated as breach of contract on the part of the Firm and the Bank shall be entitled to claim damages and pursue legal remedies. The Firm shall take all appropriate actions with respect to its employees to ensure that the obligations of non-disclosure of confidential information under this agreement are fully satisfied. The Firm's obligations with respect to non-disclosure and confidentiality will survive the expiry or termination of this agreement for whatever reason.
22. **Force Majeure:** The Bidder shall not be liable for forfeiture of its EMD, liquidated damages or termination for default, if the delay in performance or other failure to perform its obligations under the contract is a result of an event of Force Majeure. For purposes of the

clause, "Force Majeure" means an event beyond the control of the Bidder and not involving the Bidder's fault or negligence and not foreseeable. Such events may include wars or revolutions, fires, floods, epidemics, quarantine restrictions, freight embargoes etc. The Bank will decide whether delay or failure on the part of the Bidder was the result of an event beyond his control or not. The decision of the Bank in this regard should be final and binding on the supplier and will not be open to question before any court / forum in any proceedings.

23. Termination of contract.

The Bank shall terminate the contract by giving seven days' notice if

- i. The bidder fails to deliver any or all items of work as specified in the tender document within the time period specified in the contract. or
- ii. If the bidder fails to perform any other obligations under the contract.

24. On termination of contract, the Earnest Money Deposit (EMD)/ Retention Money Deposit (RMD) of the bidder will be forfeited.

25. Termination for Insolvency: The Bank may at any time terminate the contract by giving written notice to bidder, without compensation to bidder, if the Bidder becomes bankrupt or otherwise insolvent, provided that such termination will not prejudice or affect any right of action or remedy which the Bank is or will be entitled to take or seek.

26. Clause of Prevention of Sexual Harassment at Work place:

- a) The firm shall be solely responsible in case of any complaint of sexual harassment against its employee within the premises of the Bank, the complaint will be filed before the Regional Committee constituted by the Reserve Bank of India and Bank shall ensure appropriate action under the said Act in respect of the complaint.
- b) Any complaint of sexual harassment from any aggrieved employee of the firm against any employee of the Bank shall be taken cognizance of by the Regional Complaint Committee constituted by the Bank.
- c) The firm shall be responsible for any monetary compensation that may need to be paid in case the incident involves the employees of the firm, for instance any monetary relief to Bank's employees, if sexual violence by the employee of the firm is proved.
- d) The firm shall be responsible for educating its employees about prevention of sexual harassment at work place and related issues.
- e) The firm shall provide a complete and updated list of its employees who are deployed within the Bank's premises.

I/We hereby declare that I/We have read and understood all the above instructions/conditions and the same will remain binding upon me/us in case the above mentioned Contract is entrusted to me/us. I/we also note that this letter will form part of the contract document and that the contents of this letter shall be supplemental to the conditions in the tender and not in derogation thereof except to the extent specifically provided herein.

Place:

Signature & seal of the Bidder

Date:

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 where 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/floor.
4. No portable single ladder shall be over 8m in length. The width between the side rails shall not be less than 30cm (clear) and the distance between two adjacent rungs shall not be more than 30cm. When a ladder is used, an extra mazdoor shall be engaged for holding ladder.
5. The excavated material shall not be placed within 1.5m of the edge of the trench or half of 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 shall 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 metre.
7. No floor, roof or other part of the structure shall be so overloaded with debris or materials as to render it unsafe.
8. Workers employed on mixing and handling materials such as asphalt, cement mortar or concrete and lime mortar shall be provided with protective footwear and rubber hand-gloves.
9. Those engaged in welding works shall be provided with welder's protective eye shields and gloves.
10. No paint containing lead or lead products shall be used except in the form of paste or readymade paint.
11. Suitable facemasks should be supplied for use by the workers when the paint is applied in the form of spray or surface having lead paint dry rubbed or scrapped.
12. Overalls shall be supplied by the Contractor to the painters and adequate facilities shall be provided to enable the working painters to wash during the periods of cessation of work.
13. Hoisting machines and tackle used in the works, including their attachments, anchorage and supports shall be in perfect condition.
14. The ropes used in hoisting or lowering material or as a means of suspension shall be of durable quality and adequate strength and free from defects.

Place:

Date:

Signature of the Bidder:

Address:

FIRE SAFETY CODE

- i. Cutting / drilling machine and other electrically operated equipment used at site shall be plugged into correctly rated electrical outlets.
- ii. Only ISI marked 3-pin plug and other appliances and equipment shall be used.
- iii. Electrical power cables/wires used shall not have any joints and shall be properly rated.
- iv. All electrical appliances i.e. welding, drilling, cutting machine etc. shall be safely and securely earthed to prevent leakage current while in operation.
- v. Before commencing the welding work for the first time on any day, the Engineers shall be informed and only after the site inspection by them, work shall be started.
- vi. Two buckets of water and sand shall be kept in an easily accessible area on the site.
- vii. Fire extinguishers recommended shall be kept on the site.
- viii. Used drums shall be stored in specified store only after closing them properly.
- ix. Personal protective equipment such as safety shoes, hand gloves, mask, ear plug etc. depending upon the requirement of the work shall be provided by the contractor to the workmen to prevent occupational health hazards.
- x. The safety belt shall be provided by the contractor and used by the workmen while working from height for more than 10 feet from Ground level.
- xi. None of the passages near staircases shall be used for stacking / dumping any kind of materials/waste.
- xii. None of the fire extinguishers shall be removed/shifted from its designated location.
- xiii. Power supply shall be switched off from the mains when equipment is not in use.
- xiv. Any debris/ junks generated from the work shall be collected on daily basis, removed from site and stored at the designated place in proper manner.

Place:

Date:

Signature of the Bidder:

Address:

Section D
GENERAL SPECIFICATIONS OF WORK

The scope of work covers '**RENOVATION OF FOUR NOS. OF CLASS IV FLATS AT RAJNIGANDHA STAFF QUARTERS**' in accordance with specifications prepared to the satisfaction of the Bank's Engineer. The following specifications shall form part of the contract and these shall have deemed to be supplemental to the specifications and not in derogation thereof except to the extent specifically provided herein.

SPECIFICATIONS

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 cement in a sealed bag shall be considered as 50 Kgs being equivalent to 35 litres (1.2 Cu.Ft.) in column.

Cement shall be stored in weatherproof shed with raised wooden plank flooring to prevent deterioration by dampness or intrusion by foreign matter.

Sand

Sand shall be clean, free from salt, clay, loam, shells, vegetable matter and fit for use in the opinion of Bank's Engineer.

Coarse aggregate

Shall be angular, tough, sharp and well graded stone metal from approved source. It shall be clean and free from any foreign material. If directed, the metal shall be washed.

Bricks

Bricks shall be of best quality locally obtainable and shall be table moulded, well burnt but not over-burnt and shall be free from cracks, chips, flaws and stones. It shall not absorb water more than 20% of its own weight when dry.

Cement mortar

Shall be of the proportion specified in the particular item in the Schedule of Quantities, sand shall be measured in suitable measuring boxes and correct quantity of cement shall be added. The materials are mixed dry on a clean platform. Clean water is then added and mixed thoroughly. It shall be prepared in such quantity as can be readily used up. Mortar which has partially set shall under no circumstances be re-tempered by mixing with additional material or water.

CONCRETE WORK :

MATERIAL: Water, cement, fine aggregate or sand, surkhi, and fly ash shall be as specified – Mortar. Coarse

Aggregate : General: Aggregate most of which is retained on 4.75 mm IS Sieve and contains only as much fine material as is permitted in IS 383 for various sizes and grading is known as coarse aggregate. Coarse aggregate shall be specified as stone aggregate, gravel or brick aggregate and it shall be obtained from approved/ authorized sources.

(a) **Stone Aggregate:** It shall consist of naturally occurring (uncrushed, crushed or broken) stones. It shall be hard, strong, dense, durable and clean. It shall be free from veins, adherent coating, injurious amounts of disintegrated pieces, alkali, vegetable matter and other deleterious substances. It shall be roughly cubical in shape. Flaky and elongated pieces shall be avoided. It shall conform to IS 383 unless otherwise specified.

(b) **Gravel:** It shall consist of naturally occurring (uncrushed, crushed or broken) river bed shingle or pit gravel. It shall be sound, hard and clean. It shall be free from flat particles of shale or similar laminated material, powdered clay, silt, loam, adherent coating, alkali, vegetable matter and other deleterious substances. Pit gravel shall be washed if it contains soil materials adhering to it. These shall conform to IS 383 unless otherwise specified.

(c) **Brick Aggregate:** Brick aggregate shall be obtained by breaking well burnt or over burnt dense brick/ brick bats. They shall be homogeneous in texture, roughly cubical in shape and clean. They shall be free from unburnt clay particles. Soluble salt, silt, adherent coating of soil, vegetable matter and other deleterious substances. Such aggregate should not contain more than one percent of sulphates and should not absorb more than 10% of their own mass of water, when used in cement concrete. It shall conform to IS 306 unless otherwise specified.

(d) **Light weight aggregate** such as sintered fly ash aggregate may also be used provided the Bank's Engineer is satisfied with the data on the proportion of concrete made with them.

Deleterious Material: Coarse aggregate shall not contain any deleterious material, such as pyrites, coal, lignite, mica, shale or similar laminated material, clay, alkali, soft fragments, sea shells and organic impurities in such quantity as to affect the strength or durability of the concrete. Coarse aggregate to be used for reinforced cement concrete. Coarse aggregate to be used for reinforced cement concrete shall not contain any material liable to attack the steel reinforcement. Aggregates which are chemically reactive with alkalies of cement shall not be used. The maximum quantity of deleterious material shall not be more than five percent of the weight of coarse aggregate when determined in accordance with IS 2386. Size and Grading

Granite Stone :

It shall be of any colour and size as directed by Bank's Engineer. Granite shall be plain machine cut and mirror polished. The stone shall be smooth and of even surface without holes or pits. The size of slabs and tiles shall be as mentioned. Approval of Sample Before starting the work, the contractor shall get samples of granite approved by the Bank's Engineer. Approved samples shall be kept in the custody of the Bank's Engineer and the granite supplied and used on the work shall conform to samples with regard to soundness, colour, veining and general texture.

SAMPLING: In any consignment all the blocks/slabs/tiles of the same group, size and finish shall be grouped together to constitute a lot. Sample shall be selected and tested separately for each lot for determining its conformity or otherwise to the requirements of the specification. The number of blocks/slabs/tiles to be selected for the samples shall depend upon the size of the lot

Note: The blocks/slabs/tiles in the sample shall be taken at random and in order to ensure to randomness of selection, random tables may be used. All the blocks/slabs/tiles, selected in the sample, shall be examined for dimensions workmanship and general requirements. Any block/slab/tile failing in any one or more of the above requirements shall be considered as defective. A lot shall be considered as conforming to these requirements if the number of defectives obtained is not more than permissible no. of defectives. The lot having been found satisfactory with respect to dimensions, workmanship and general requirement shall be tested for physical properties of the marble. For this purpose a sub sample of the size given in These blocks/slabs/tiles in the sub sample shall be tested for moisture absorption, hardness and specified gravity. The lot shall be considered having satisfied the requirements of the physical properties if none of the blocks/slabs/tiles tested for the requirements fails in any of these tests.

1. Material :

The stone specified shall be got approved by the Bank's Engineer. At its thinnest part, no stone shall be thinner than as specified. The flag stone shall be hard, sound, durable, resistant to wear, rectangular or square in shape as directed and of required width. They shall have plain surface. Stone flags shall be without any soft veins, cracks or flows and shall have a uniform colour. They shall have even natural surfaces, free from broken flakes on top and shall be chiseled on edges to half its depth, true and square to ensure uniform width of joint. The edges shall be quite straight. Cement mortar for bedding and pointing shall be of the required proportion.

2. Workmanship :

Cement mortar for bedding may be mixed manually or by a mechanical mixer. The amount of water added shall be minimum necessary to give just sufficient plasticity for lying and satisfactory bedding taking care to see that there are no hard lumps in the bedding. Before spreading the mortar, the base shall be cleaned of all dirt, scum or laitance, and of loose material and well wetted without having any pool of water on the surface. All point of level for the finished paving shall be marked out. The mortar shall then be evenly and smoothly spread using screed battens only over so much area as will be covered with stone slabs within half an hour. The thickness of the mortar bedding shall not be less than 12mm or more than 25mm. The required slope shall be given to the bed. Before laying, the stone flags shall be thoroughly wetted with clean water. Neat cement grout of honey like consistency shall be spread on mortar bed over as much area that could be covered with slabs within half an hour. Specified type of slabs shall then be laid on neat cement float and shall be evenly and firmly bedded to required level and slope in mortar bed. Each slab shall be gently tapped with a wooden mallet till it is firmly and properly bedded. There shall be no hollow left. If there is a hollow sound on gentle tapping of the slabs, such slabs shall be removed and reset properly. The mason shall made the joints to uniform thickness and in straight line. The thickness of joints shall not exceed 1.5mm and shall be grouted with neat cement slurry.

The exposed surface of the specified slab shall be machine polished to a smooth, even and true plan after curing the stone surfaces with wet sand or water for 7 days.

Granite from which the slabs are made, shall be selected quality, hard, sound, dense and homogeneous in texture, free from cracks, decay, weathering and flaws. Before starting the work the contractor shall get the sample of granite slabs approved by the Bank's Engineer. The slabs shall be machine cut whenever specified and machine polished, shall be of selected quality, hard, sound, dense and homogeneous texture, free from cracks, decay, weathering the flaws. Stone slabs shall be of uniform colour and as approved by the Bank's Engineer. They shall be machine cut and machine polished where specified and shall conform to the required sizes. Thickness shall be as specified in the respective items.

ACID OR ALKALI RESISTANT TILES:

Manufacture and Finish: The tiles shall be of vitreous ware and free from deleterious substances. The iron oxide content allowable in the raw material shall not exceed two percent. The tiles shall be vitrified at the temperature of 11000 C and above and shall be kept unglazed. The finished, tile, when fractured shall appear fine grained in texture, dense and homogenous. The tiles shall be sound, true to shape, flat and free from flows and manufacturing defects affecting their utility. The tiles shall be conforming to IS 4457. The tiles to be tested for water absorption, compressive strength, acid resistance as per IS 4457. Sampling procedure for acceptance tests and criteria for conformity to be as per IS 4457. The tiles shall be of required colour. Dimensions and Tolerances Ceramic unglazed vitreous acid-resistant tiles shall be made in three sizes namely 98.5 X 98.5 mm, 148.5 X 148.5 mm and 198.5 X 198.5 mm. They shall be available in the following thickness: 35, 30, 25, 20 and 15 mm. The depth of the grooves on the under side of the tile shall not exceed 3 mm. Tolerance on length, breadth and thickness of tiles shall be ± 2 percent. Shape The tiles shall be square shaped. Half tiles rectangular in shape shall also be available. Half tiles for use with full tiles shall have dimensions which shall be such as to make two half tiles, when joined together, match with the dimension of full tile. The shape of tiles other than square shall be as agreed to between the purchaser and the manufacturer. Tiles shall be checked for squareness and warp as per IS 4457. Performance Requirements The tiles when tested in accordance with method given in IS 4457, shall conform to be requirement specified in the code (IS 4457). Loss in Abrasion The maximum percentage of loss in abrasion of the ceramic unglazed vitreous acid resistant tiles determined in accordance with the procedure laid down in IS 1237, shall be as mentioned in IS 4457. Marking Tiles shall be legibly marked on the back with the name of the manufacturer or his trade mark. Manufacturer's batch number and year of manufacture. Each tile may also be marked with the ISI certification mark.

FLOORING :

Preparation of Surface and Laying Preparation of surface and laying to be according to specified, except the cement used to be acid and or alkali resistant cement and cement mortar to be used to be acid and or Alkali resistant mortar. Thickness of bedding of mortar for flooring to be 10 mm or specified on the item and for dado/skirting to be 12 mm or specified. Pointing and Finishing except that cement used for pointing to be acid and or alkali resistant cement.

PRESSED CERAMIC TILE FLOORING:

The tiles shall be of approved make and shall generally conform to IS 15622. They shall be flat, and true to shape and free from blisters crazing, chips, welts, crawling or other imperfections detracting from their appearance. The tiles shall be tested as per IS 13630. Classification and Characteristics of pressed ceramic tiles shall be as per IS 13712. The tiles shall be square or rectangular of nominal size. IS 15622 give the modular preferred sizes. Thickness shall be specified by the manufacturer. It includes the profiles on the visible face and on the rear side. Manufacturer/supplier and party shall choose the work size of tiles in order to allow a nominal joint width upto 2mm for unrectified floor tiles and upto 1mm for rectified floor tiles. The joint in case of spacer lug tile shall be as per spacer. The tiles shall conform to table 10 of IS 15622 with water absorption 3 to 6% (Group BII). The top surface of the tiles shall be glazed. Glaze shall be either glossy or matt as specified. The underside of the tiles shall not have glaze on more than 5% of the area in order that the tile may adhere properly to the base. The edges of the tiles shall be preferably free from glaze. However, any

glaze if unavoidable, shall be permissible on only upto 50 per cent of the surface area of the edges. Coloured Tiles Only the glaze shall be coloured as specified. The sizes and specifications shall be the same as for the white glazed tiles. Decorative Tiles The type and size of the decorative tiles shall be as follows:-

(i) Decorated white back ground tiles The size of these tiles shall be as per IS 15622.

(ii) Decorated and having coloured back-ground The sizes of the tiles shall be as per IS 15622.

Preparation of Surface and Laying: Base concrete or the RCC slab on which the tiles are to be laid shall be cleaned, wetted and mopped. Tiles shall be soaked in water washed clean and shall be fixed in this grout one after another, each tile gently being tapped with a wooden mallet till it is properly bedded and in level with the adjoining tiles. The joints shall be kept as thin as possible and in straight lines or to suit the required pattern. The surface of the flooring during laying shall be frequently checked with a straight edge about 2 m long, so as to obtain a true surface with the required slope. In bath, toilet W.C. kitchen and balcony/verandah flooring, suitable tile drop or as shown in drawing will be given in addition to required slope to avoid spread of water. Further tile drop will also be provided near floor trap. Where full size tiles cannot be fixed these shall be cut (sawn) to the required size, and their edge rubbed smooth to ensure straight and true joints. Tiles which are fixed in the floor adjoining the wall shall enter not less than 10 mm under the plaster, skirting or dado. After tiles have been laid surplus cement slurry shall be cleaned off. Pointing and

Finishing: The joints shall be cleaned off the grey cement slurry with wire/coir brush or trowel to a depth of 2 mm to 3 mm and all dust and loose mortar removed. Joints shall then be flush pointed with white cement added with pigment if required to match the colour of tiles. Where spacer lug tiles are provided, the half the depth of joint shall be filled with polysulphide or as specified on top with under filling with cement grout without the lugs remaining exposed. The floor shall then be kept wet for 7 days. After curing, the surface shall be washed and finished clean. The finished floor shall not sound hollow when tapped with a wooden mallet.

Measurement: Length and breadth shall be measured correct to a cm before laying skirting, dado or wall plaster and the area calculated in square metre correct to two places of decimal. Where coves are used at the junctions, the length and breadth shall be measured between the lower edges of the coves. No deduction shall be made nor extra paid for voids not exceeding 0.20 square metre. Deductions for ends of dissimilar materials or other articles embedded shall not be made for areas not exceeding 0.10 square metre. Areas, where glazed tiles or different types of decorative tiles are used will be measured separately.

FLOORING: PRESSED CERAMIC TILE FLOORING (VITRIFIED TILE FLOORING): Operations as described shall be followed except the tiles shall conform to Table 12 of IS 15622 (Tiles with water absorption $E \leq 0.08$ per cent Group BIa) and the joint thickness in flooring shall not be more than 1mm. 11.16.2

Rate: The rate for flooring shall include the cost of all materials and labour involved in all the operations described above. Nothing extra shall be paid for the use of cut (sawn) tiles in the work.

FIXING OF TILE FLOORING WITH CEMENT BASED HIGH POLYMER MODIFIED QUICK SET ADHESIVE (WATER BASED): When tile flooring is to be laid over the existing flooring without dismantling old flooring it can be laid with adhesive. The old flooring shall be thoroughly cleaned and checked for undulations, if any shall be rectified with cement mortar 1:3 (1 cement: 3 coarse sand). Old cement concrete surface shall be hacked and cleaned off to have proper

bond with the old surface. High polymer modified quick set tile adhesive (conforming to IS 15477) shall be thoroughly mixed with water and a paste of zero slump shall be prepared so that it can be used within 1.5 to 2 hours. It shall be spread over an area not more than one SqM at one time. Average thickness of adhesive shall be 3 mm. The adhesive so spread shall be combed using suitable trowel. Tiles shall be pressed firmly in to the position with slight twisting action checking it simultaneously to ensure good contact gently being tapped with wooden mallet till it is properly backed with adjoining tiles. The tiles shall be fixed within 20 minutes of application of adhesive. The surplus adhesive from the joints, surface of the tiles shall be immediately cleaned. The surface of the flooring shall be frequently checked during laying with straight edge of above 2m long so as to attain a true surface with required slope. Where spacer lugs tiles are provided these shall be filled with grout with lugs remaining exposed. Where full size tile cannot be fixed these shall be cut (sawn) to the required size and edges rubbed smooth to ensure straight and true joints. Tiles which are fixed in floor adjoining to wall shall enter not less than 10 mm under plaster, skirting or dado. The tiles shall be of approved make and shall generally conform to IS 15622. The tiles shall be pressed ceramic covered by a glaze thoroughly matured and fitted to the body. The tiles shall be sound, true to shape, flat and free from flaws and other manufacturing defects affecting their utility. The top surface of the tiles shall be glazed. The underside of the tiles shall not have glaze on more than 5% of the area in order that the tile may adhere properly to the base. The edges of the tiles shall be free from glaze, however, any glaze if unavoidable shall be permissible on only upto 50 per cent of the surface area of edges. The glaze shall be free from welts, chips, craze, specks, crawlings or other imperfections detracting from the appearance when viewed from a distance of one metre. The glaze shall be either glossy or matt as specified. The glaze shall be white in colour except in the case of coloured tiles when colours shall be specified by the Bank's Engineer. There may be more than one colour on a tile.

- a) **Dimensions and Tolerances:** Glazed pressed ceramic tiles shall be made square or rectangular in sizes of non-modular tiles. The tiles shall conform to IS 15622 for dimensional tolerance, physical and chemical properties. Half tiles for use as full tiles shall have dimensions which shall be such as to make the half tiles when jointed together (with 1 mm joint) match with dimensions of full tiles. Tiles may be manufactured in sizes other than those specified above. The thickness of the tiles shall be 5 mm or 6 mm or as specified. The dimensions of fittings associated with the glazed tiles namely cover base, round edge tile, angles corner cups, ridge and legs, cornices and capping beads shall be of the shape and dimensions as required and the thickness of fittings shall be the same as the thickness of tiles given above.
- b) **Preparation of Surfaces:** The joints shall be raked out to a depth of at least 15 mm in masonry walls. In case of concrete walls, the surface shall be hacked and roughened with wire brushes. The surface shall be cleaned thoroughly, washed with water and kept wet before skirting is commenced.
- c) **Laying:** 12 mm thick plaster of cement mortar 1:3 (1 cement : 3 coarse sand) mix of as specified shall be applied and allowed to harden. The plaster shall be roughened with wire brushes or by scratching diagonal at closed intervals. The tiles should be soaked in water, washed clean, and a coat of cement slurry applied liberally at the back of tiles and set in the bedding mortar. The tiles shall be tamped and corrected to proper plane and lines. The tiles shall be set in the required pattern and jointed. The joints shall be as fine as possible. Top of skirting or dado shall be truly horizontal and joints truly vertical except where otherwise indicated. Odd size/cut size of tile shall be adjusted at bottom to take care of slope of the flooring. Skirting and dado shall rest on the top of the flooring. Where full size tiles cannot be fixed these shall be cut (sawn) to the required size and their edges rubbed smooth. Skirting /dado shall not project from the finished "surface of wall" by more than the tile thickness, undulations if any shall be adjusted in wall.

- d) **Curing and Finishing:** The joints shall be cleaned off the grey cement grout with wire/coir brush or trowel to a depth of 2 mm to 3 mm and all dust and loose mortar removed. Joints shall then be flush pointed with white cement added with pigments if required to match the colour of tiles. The work shall then be kept wet for 7 days. After curing, the surface shall be washed and finished clean. The finished work shall not sound hollow when tapped with a wooden mallet.
- e) **Measurements:** Length shall be measured correct to a cm. Height shall be measured correct to a cm in the case of dado and 5 mm in the case of riser and skirting. The area shall be calculated in square metre, correct to two places of decimal. Length and height shall be measured along the finished face of the skirting or dado including curves where specials such as coves, internal and external angles and beads are used. Where cornices are used the area of dado shall be measured excluding the cornices. Nothing extra will be paid for cutting (sawn) the tiles to sizes. Areas where coloured tiles or different types of decorative tiles are used will be measured separately to be paid extra over and above the normal rate for white tiles.

Specifications for Sanitary and Water Supply Installation Work

Works to comply with local regulations and rates to include all costs.

1. All sanitary installations, water supply and drainage work shall conform to the Local Municipal Bye-Laws and/or rules and regulations of Local Bodies and the work shall be inspected and passed by the various authorities having jurisdiction.
2. The work shall be carried out through an experienced plumber.
3. The rates quoted shall be for complete items as fixed in position and cover all costs of materials, labour, tools, supervision, cutting of holes, chases etc. and also for providing & fixing arrangements viz. clamps, brackets, wooden blocks etc. The rate shall also include restoration to original condition of all damages to walls, floors etc. during the process of fixing of sanitary installations, water supply and drainage to the entire satisfaction of the Engineer. All debris of plumbers, excavation etc. shall be removed without any extra charge. The plumbing work or the other building work affected by the plumber's work shall be left thoroughly cleaned to the satisfaction of the Engineer.
4. All CI pipes, brackets, CI cisterns, GI pipes and fixtures, MS fixture, AC pipes and fittings shall be painted with one coat of approved primer and two coats of enamel/flat oil paint. All painting work shall be carried out to the entire satisfaction of the Engineer. If directed, additional coats of paint shall be applied to get uniform and matching finish without any extra cost.
5. In the interior of the building all pipes whether of cast iron, lead or GI, shall be embedded in an approved manner in chases made in walls or floors if required by the Bank's Engineer. The plumber shall make necessary holes in the walls etc. and restore them to the original condition.
6. All water supply and sanitary fixtures, pipes and pipe fittings, traps etc. which are to be embedded into the concrete or masonry work or other building work shall be placed in position and embedded or concealed at the time of casting concrete or erecting brick work. In case where chasing or cutting of concrete, masonry or other structural or construction work is unavoidable, the locations of such fittings, pipe lines and traps etc. shall be marked suitably and the cutting, chasing or disturbing of the construction work shall proceed only after due approval of the Engineer .

7. All cutting, chasing and fixing work shall be completed before commencement of any plastering, tiling and finishing work.
8. Unless otherwise specified, galvanized iron pipes and pipefittings shall be of medium quality conforming to IS 1239 and shall be tested if required by the Engineer.
9. The Contractor shall be responsible for the adequacy and efficiency of the entire plumbing system and if, in his opinion, he finds any serious objection to the system shown on the drawings, he shall set forth his objection or his suggestions to ensure adequacy and efficiency of the said system and notify the Architects before proceeding with the work. Loss or damage to such materials or work prior to final acceptance of the work by the employer shall immediately be replaced by the Contractor at his expense.

Sanitary Installation

Sanitary Fixtures

Wash Basin

They shall be of white vitreous China of best quality manufactured by an approved firm and size as specified in the Schedule of Quantities. They shall be supported on a pair of CI brackets of approved design.

- (i) Fitting – each lavatory basin shall be provided with a single cold water CP brass pillar tap of approved design and make, CP brass waste, CP brass bottle trap of approved quality and design, with CP brass stop cock and water inlet pipe of standard length complete.
- (ii) Waste pipe – waste pipe beyond bottle trap shall be provided deemed to be included in the rate quoted and shall not be paid separately.
- (iii) Painting – all brackets, pipes etc. shall be painted with two coats enamel paint over a coat of primer.

Toilet Requisites

Mirrors

Mirrors shall be of the best quality, specified size, approved design and make. It shall be mounted on board panel backing and shall be fixed in position by means of four CP brass screws and cup washers over rubber washers on wooden plugs firmly embedded in the wall. Alternative method for fixing could be by using clamps with CP brass screws.

Towel rail

Towel rail shall be of CP brass with two CP brass brackets of approved quality and design. The size of the rail shall be as specified. The bracket shall be fixed by means of CP brass screws to wooden round cleats firmly embedded in the wall.

CI Soil, Waste and Vent Pipes and Fittings

CI pipes and fittings

Cast Iron soil, waste and vent pipes and fittings shall be of heavy quality conforming to IS 3989 for spun pipes and for sand cast soil pipes conforming to IS 3989. The standard weights and thickness of pipes shall be as per standard and a tolerance upto 4% may however be allowed against these standard weights.

Laying

The pipes shall be laid as described in the Schedule of Quantities and as per the pattern laid at site.

Fixing

The pipes and fitting shall be fixed to walls by using proper holder-bat clamps, if directed. The pipes shall be fixed perfectly vertical or in approved alignment. The spigot end shall abut the shoulder of the socket and leave no annular space in between. All soil and waste water pipes shall be carried up above the roof parapet wall and shall have AC vent cowl.

Connections between main pipe and the branch pipes shall be made by using appropriate branches and bends invariably with access doors for cleaning.

Lead caulked joints

The annular space between the socket and spigot will; be first well packed-in with spun yarn soaked in bitumen and dried, leaving 25 mm (1") from the lip of the socket for lead for pipes upto 100 mm dia. And 38 mm (1.5") depth for pipes of 150 mm dia. The joints may be leaded by using proper leading rings or if they are not available by wrapping a ring of hemp rope covered with clay round the pipe at the end of the socket, leaving a hole through which molten lead shall be poured in.

Molten lead free from zinc or tin and thoroughly fluid shall be poured and each joint filled in one pouring. Before caulking, the projecting lead shall be removed by flat chisels and then the joint caulked round with proper caulking tools and a hammer of 1 to 1 ½ Kg in weight, in such a manner as to make the joint quite sound. The joint shall

be left flush neat and even with the socket. All exposed CI pipes shall be of cement jointed ones.

Testing

All CI pipes and fittings including joints shall be tested by smoke test and left in working order after completion.

Nahani or floor traps

The traps shall be of self-cleansing design seal type with a minimum seal as required and approved.

The other specifications for these shall be the same as those for CI soil, waste and vent pipes and fittings.

Painting

All exposed CI pipes and fittings shall be painted to match the colour of the surroundings with two coats of flat/enamel paint over a coat of approved primer. If directed, additional coats shall be given at no extra cost.

Internal Water Supply

GI pipes and fittings

The pipes shall be of the class specified in the Schedule of Quantities and shall be galvanized steel, welded or seamless, screwed and socketed and shall conform to IS 1239. they shall be manufactured by a firm of repute. All fittings shall be malleable iron galvanized fittings of approved best Indian make.

Laying and fixing

Where pipes have to be cut or re-threaded, ends shall be carefully filed out so that no obstruction to bore is offered.

For internal work all pipes and fittings shall be fixed truly vertical and horizontal, either by means of standard pattern holder – bat clamps keeping the pipes 12 mm (1/2") clear of the wall everywhere or concealed as directed. The concealed pipe shall be painted with rubberised epoxy or other approved anticorrosive paint.

For external work, GI pipes and fittings shall be laid in trenches. The width of the trench shall be the minimum width required for the working. The pipes laid underground shall not be less than 60 cm (2 ft) from the ground level. They shall be painted with hot asphalt and wrapped with Hessian cloth and again painted with two coats of hot asphalt (pipes embedded in masonry/ concrete shall be treated similarly). They shall

be surrounded with 15 cm thick sand of approved quality all around. The work of excavation and refilling shall be done as directed.

Painting

Testing

All GI pipes and fittings shall be tested in an approved manner to ensure that pipes have proper threads and that proper materials such as white lead and hemp have been used in jointing. All leaky joints must be made leak-proof by tightening or re-doing at contractor's expense.

DETAILED SPECIFICATIONS FOR PAINTING

(1) Patch Repairing

The patch repairs shall generally be carried out as under.

- (a) Patches should be marked properly on the surface and all loose plaster of the cracked portion shall be removed as directed by the Engineer.
- (b) The surface to be patched, shall be wetted thoroughly and if plain, shall be raked or roughened up by hacking.
- (c) The plastering shall be done as directed. The finishing coat shall match the adjoining surface. The rate quoted shall include all types of finishing and no extra payment shall be admissible.
- (d) The cement mortar used shall be 1:4 (one-part cement to four parts of sand by volume) and the work shall be done as directed by the Engineer.
- (e) The patches thus repaired shall be cured adequately and shall be got approved from the Engineer before proceeding further.
- (f) Wide cracks in plaster, if any, due to separation of brick work from the concrete or wood work or between two masonry panels or diagonal cracks shall be grooved as directed, filled with 1:2 cement plaster with the addition of "Groutex" or "Expandex" and surface finished with plaster of Paris. No payment will be made for this operation.
- (g) Minor cracks in plaster due to separation of brick work from the concrete or wood work or between two masonry panels or diagonal cracks shall be grooved as directed, filled and finished with "SNOW FILLA". The rates quoted for respective items shall be inclusive of this operation.

Measurement

The measurements of the patches exceeding 0.1 sq.mt. in area shall only be recorded. The patching work having 0.1 sq.mt. or less in area shall not be measured and paid for.

Scaffolding

Unless otherwise instructed by the Engineer, double scaffolding having two sets of vertical supports shall be provided. The supports shall be sound and strong, tied together by horizontal members over which scaffolding planks shall be fixed.

The work of scaffolding shall be deemed to be the part of the work of respective items under schedule and no extra payment in this regard under any circumstances shall be admissible.

The scaffolding thus erected shall have to be got approved from the Engineer or his representative before commencing the work of actual painting.

However, it should be noted that approval from the Engineer shall not relieve the Contractor of his responsibility and any damage to the property or any loss of life due to the negligence on this regards shall be at the Contractor's account.

(I) Painting & Colour Washing

The work of painting colour washing shall be done according to IS 2395(1966) and 1477(1959) shall be to the entire satisfaction of the Engineer.

(A) Oil Bound Distemper

The paint shall be of approved manufacturer and shade.

- (i) Preparation of surfaces - The surfaces shall be prepared according to the instructions under lime and colour washing. In addition, before application of primer coat the surface shall be cleaned with water and allowed to dry.
- (ii) Preparation of paint – The paint shall be prepared strictly according to the manufacturer's instructions and specifications.
- (iii) Application of paint
 - (a) Before application of primer coat, the surface shall be thoroughly dusted and then a coat of approved primer shall be applied. After allowing the surface to dry, the surface shall be sand papered lightly and indentations, unevenness etc. shall be made up by giving a coat of putty to obtain a uniform and plain surface.
 - (b) First coat of oil bound distemper of approved brand and shade one or two tones lighter than the final approved shade shall be applied uniformly by using soft bristle brush.
 - (c) After allowing the surface to dry for a minimum period of 18 hours, light sand papering and touching up uneven spots with putty, second coat of oil bound distemper shall be applied. This coat may be of final shade where coats of oil bound distemper is specified. Where painting is specified to be in three coats, the shade of paint of the second coat may be one tone lighter than the final shade. The third coat where specified shall be of final approved shade. The final coat of oil bound distemper shall always be finished by using rollers to obviate brush marks.

(B) Enamel painting – wood and plaster surface

- (a) While preparing surface in old wood work, accumulated dirt, grime, mould, growth due to dampness etc. shall be removed and the surface examined for defects. All projections such as glue or whiting spots shall be carefully removed with stopping knife and cleaned after which all knots shall be filled with knotting solution. Resinous or loose knots shall be removed and gaps filled with seasoned timber piece and made level with the rest of the surfaces.
- (b) Surface of previously painted wood work, if it is smooth and in the good conditions, shall be cleaned with white spirit or other detergent. Rub surfaces with abrasive paper wash, clean, removed with fresh water and allow the surface to dry. Defective and loose putty shall be replaced.
- (c) Where old painted surface has become badly blistered and cracked, the paint shall be completely removed either with blow lamp or with an approved quality paint remover.
- (d) In case of walls dados required to be painted with enamel paint, if the old paint is white or colour wash, distemper or oil bound distemper, the old coating shall be thoroughly scrapped off till the original plaster surface is exposed. If old paint is oil paint and in good condition, surface shall be sand papered and cleaned.
- (e) Painting shall be carried out as much as possible in dry and warm weather. Two coats of paint shall be applied to the surfaces as per schedule of work.

Application of paint - The enamel paint shall be of first quality unless otherwise specified. The painting work shall be carried out as per manufacturer's specification and as specified under.

- (a) Before application of primer coat, the surface shall be thoroughly dusted and then a coat of approved primer shall be applied. After allowing the surface to dry, the surface shall be sand papered lightly and indentations, unevenness etc. shall be made up by giving a coat of putty to obtain a uniform and plain surface.
- (b) First coat of oil bound distemper of approved brand and shade one or two tones lighter than the final approved shade shall be applied uniformly by using soft bristle brush.
- (c) After allowing the surface to dry for a minimum period of 18 hours, light sand papering and touching up uneven spots with putty, second coat of oil bound distemper shall be applied. This coat may be of final shade where coats of oil bound distemper is specified. Where painting is specified to be in three coats, the shade of paint of the second coat may be one tone lighter than the final shade. The third coat where specified shall be of final approved shade. The final coat of oil bound distemper shall always be finished by using rollers to obviate brush marks.

(4) Enamel painting to steel work

- (a) The work shall generally be carried out as per IS 1477 (1959), wherever applicable and as directed by the Engineer.
- (b) The surface shall be thoroughly cleaned of all scale, rust, dirt, old paint, grease and other imperfections by scrapping and brushing with steel wire brushes and if necessary, the surface shall be cleaned by chipping or any other best known methods, such as sand blasting and burning. The surface shall be made thoroughly dry.
- (c) Apply a coat of oil corrosive metal primer of approved make.
- (d) Apply a coat of putty to make the surface even and uniform.
- (e) Apply first coat of ready mixed enamel paint of approved make, quality and shade. The first coat shall be a tone lighter when compared to the final approved shade.
- (f) Apply finishing coat of approved make as directed.

(5) Painting CI, GI, Asbestos etc. pipes and fittings

- (a) Paints – Paints, unless otherwise specified shall be first quality enamel paint of approved make and shade. The primer coat shall be red oxide or any approved suitable metallic primer ready mixed and of approved manufacture.
- (b) Preparation of surfaces – All rust and scales shall be removed by scrapping or by brushing with steel wire brushes. All dust and dirt shall be carefully and thoroughly wiped away. The surface, if wet, shall be sun dried.
- (c) Application – After preparing the surface, one coat of primer shall be applied. Care shall be taken to ensure that the surface is fully and completely covered, special attention being paid to the joints.
- (d) When the primer coat has dried up and before any moisture, dirt, dust etc. settles on the surfaces, paint of the desired shade shall be applied to pipes. Application shall be done with brushes and the paint shall be spread evenly. The Surface shall be given two or more coats and shall finally present a uniform appearance.

SPECIFICATIONS AND MODE OF MEASUREMENTS MATERIALS

01. QUALITY

All materials for incorporation into the works shall be of the best quality of their respective kinds as specified herein and shall be obtained from sources and suppliers approved by the Employer / Engineer and shall comply strictly with the tests prescribed hereinafter or, where tests are not laid down in list Specification, with the requirements of the latest edition of the relevant Indian Standards approved by the Engineer.

02. INSPECTION AND TESTING

All materials before being incorporated into the Works shall be subjected to inspection and testing as provided in the Conditions of Contract and elsewhere in the Specifications. The cost of all samples for all tests required by this Specification or approved Standards shall be deemed to be included in the Contract rates. No materials shall be used in the works unless they have first been approved by the Engineer or his Representative.

03. SAMPLES

Samples of all materials proposed to be used or incorporated in the works and to be supplied by the Contractor may be called for at any time by the Engineer or his Representative.

04. INDEPENDENT TESTS.

Independent tests and analysis of any of the materials may be made from time to time by a Testing House or analyst appointed by the Engineer / Employer in order to check the supplier's works tests and analysis. The frequency, the procedure for the testing and acceptance criteria will be as stated in the respective I.S codes. The Contractor shall at his own expenses supply and deliver to a Testing House or Analyst such materials as may be directed by the Engineer. Should the result of any test be unsatisfactory to the Engineer or his Representative, the materials represented will be rejected. The costs of all the tests shall be borne by the contractor.

05. MODE OF MEASUREMENT

Unless otherwise specified mode of measurement shall be as per latest version of IS: 1200

The scope of work covers **RENOVATION OF FOUR NOS. OF CLASS IV FLATS AT RAJNIGANDHA STAFF QUARTERS** in accordance with specifications (detailed in **Schedule of Quantities**) prepared to the satisfaction of the Bank's Engineer. The specifications shall form part of the contract and these shall be deemed to be supplemental to the specifications and not in derogation thereof except to the extent specifically provided herein.

Materials shall be of the best-approved quality obtainable and they shall comply with the respective IS specifications (for those materials covered by BIS). Samples of all materials shall be got approved before placing an order and the approved sample shall be deposited in the Bank.

Materials

1. Materials shall be of the best approved quality obtainable and they shall comply with the respective latest IS specification.
2. Samples of all materials shall be got approved before placing an order and the approved sample shall be deposited with the Bank.
3. In case of non-availability of materials in metric sizes, the nearest size in FPS units shall be provided with the prior approval of the Engineer for which neither extra will be paid nor shall any rebate be recovered.
4. All the materials shall be tested in any testing laboratory approved by the Assistant Manager/ Manager (Tech), as per the testing guidelines issued by the Employer, which can be perused by the Contractor from the office of the _____ at _____ . Results of such tests in original issued by the laboratory shall be submitted to the Bank with Assistant Manager/ Manager (Tech). The entire charges connected with such testing including for repeated tests if ordered by the Engineer shall be borne by the Contractor.
5. It shall be obligatory for the Contractor to furnish test certificate, if demanded by the employer, from manufacturer or the material supplier that the work has been carried out by using their materials and as per their recommendations.
6. Materials supplied by the Employer/ any other specialist firm shall be properly stored and the Contractor shall be responsible for its safe custody until they are required on the works and till the completion of work.
7. Unless otherwise shown on the drawings or mentioned in the Schedule of Quantities or Special Conditions, the quality of materials, workmanship dimensions etc. shall be as specified herein under.
8. All equipment and facilities for carrying out field test on materials shall be provided by the Contractors without any extra cost.

Section E

APPENDIX HEREINBEFORE REFERRED TO

1. Defects liability Period	12 months from the date of issue of virtual completion certificate.
2. Period of final measurement	3 months from the date of final completion of the work.
4. Date of commencement	Within 10 th day from the date of award of work
5. Date of completion	60 days from the tenth day of issue of work order.
6. Liquidated Damages	0.25% per week of the contract value per week (subject to a maximum of 10% of accepted Contract Value.)
7. Retention Percentage	5%
8. Total Security Deposit (E.M.D plus 5% of the estimated cost put to tender)	₹ 17,800/- + 5% RMD
9. Installment to be refunded after virtual completion	EMD of ₹ 17,800/-
10. Period of honouring interim certificate	One month from the date of certification by the AM/Manager (Technical)/ AGM (Tech)/DGM (Tech)/ GM (PMC)
12. Period of honouring final certificate	3 months
13. Interest for delayed payment	Three percent per annum

Place:

Date:

Signature of the Bidder:

Address:

Section F

APPROVED LIST OF MATERIALS

The list of materials of approved make having ISI mark/manufacture are as follows:

Note: (i) All the materials shall be first quality ISI marked/confirming.

(ii) Where ever contractor proposes to use equivalent make i.e. other than specified) the same shall be done after prior approval of Bank's Engineer, any additional expenditure and time due to this shall be solely on contractor account and no claims what so ever shall be entertained in this regard.

SI no	Material	Make
1	Ceramic /Vitrified tiles	H R Johnson, Kajaria, Naveen, RAK,NITCO
2	Tile fixing adhesives	Bal Endura (Silver Star), Nitotile, Fevimat , Fosroc
3	G I Pipes	C class (Tata ,Jindal)
4	PVC pipes	Prince ,Sudhakar, Supreme, Kisan
5	BWP/BWR Ply woods :19mm/18 mm thick	Green Ply, Kit ply gold, Anchor 2000,Archid,Duro,Century
6	Medium Density Fibre (MDF) Boards - Exterior Grade: 18mm thick	Nuwood, Duratuff,Bhutan Boards, Duro
7	Laminates	Formica, Green lam, Merino, Archid, Duro
8	Glass: 4, 5,8mm thick	Modi float, Saint Gobian,Tata Ashai
9	Glue/Adhesives for carcass	Fevicol, Araldite <i>Thremo forming glue:</i> Jowat/Kleberit
10	Paints	Asian, ICI,Berger and Nerolac
11	SS Sink	Nirali, Diamond, Frankie ,Jaina
12	PVC Edge Seal	0.4mm German brand Rehau make edge band.
13	CI pipes	Neco, Hindusthan Engineering product company
14	CP bath fittings	Economical series of Jaquar, Marc,Parko,ARK,Johnson
15	W.C. Pane, wash basin, urinals and other sanitary & plumbing accessories required for the renovation	Hindware, Parryware, Jaquar, KOHLER, ROCA, GROHE, EURONICS or any other make approved by Bank
16	Low level flushing cistern or flush valves etc.	Hindware, Parryware, Jaquar, KOHLER, ROCA, GROHE, EURONICS or any other make approved by Bank
17	Water proofing chemicals	M/s Pidilite, M/s Sika, M/s Fosroc, M/s MC-Bouchemie, M/s BASF or any other make approved by Bank

SI no	Material	Make
18	Low level flushing cistern or flush valves etc.	Hindware, Parryware, Jaquar, KOHLER, ROCA, GROHE, EURONICS or any other make approved by Bank

Place:
Date:

Signature of the Bidder:
Address:

Section G
DRAFT ARTICLES OF AGREEMENT

(Bank Reserves the right to further modify/revise/change the content of the agreement)

ARTICLES OF AGREEMENT made the day of.....
..... Between the Reserve Bank of India
(hereinafter called "the Bank") of the one part and
.....(Hereinafter called "the Contractor") of the other part.
WHEREAS the Bank is desirous of taking up the '**RENOVATION OF FOUR NOS. OF CLASS IV FLATS AT RAJNIGANDHA STAFF QUARTERS**' and has caused Drawings and Schedule of Quantities showing and describing the work to be done prepared by or under the directions of Banks architect/Engineers.

AND WHEREAS the Contractor has agreed to execute, subject to the conditions set forth herein and in the correspondence attached hereto and to the Conditions set forth in the Special Conditions and in the Schedule of Quantities and Conditions of Contract (all of which are collectively herein after referred to as "the said Conditions") the works described in the said Specifications and included in the said Schedule of Quantities at the respective rates therein set forth amounting to the sum as therein arrived or such other sum as shall become payable there under (herein after referred to as "the said Contract Amount").

NOW IT IS HEREBY AGREED AS FOLLOWS:-

1. In consideration herein mentioned the Contractor will, subject to the conditions annexed carry out and complete the work shown in the Contract, Drawing and described by or referred to in the Schedule of Quantities and in the said conditions.
2. The Bank shall pay the Contractor the said Contract Amount, or such other sum as shall become payable, at the times and in the same manner specified in the said Conditions.
3. The said conditions and Appendix thereto and the correspondence attached hereto 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 the correspondence and perform the agreements on their part respectively in the said Conditions and the correspondence contained.
4. The plan, agreement and documents mentioned herein shall form the basis of this contract.
5. This contract is neither a fixed Lump sum Contract nor a Piece Work Contract, but it is a Contract for the complete work to be paid for according the actual quantities at the rates contained in the Schedule of Rates and Probable Quantities or as provided in the said Conditions.
6. The Contractor shall afford every reasonable facility for carrying out of all works or other Contractors appointed by the Bank and shall make good any damages done to walls, floors etc. after the completion of such works.

7. The Bank reserves the right of altering the items to be executed by adding to or omitting any items without prejudice to this contract. However, the Contractor shall not be entitled to any payment for the works done exceeding the Tender Quantities unless specifically approved in writing by the Bank's Engineer.
8. Time shall be considered as the essence of this Contract and the contractor hereby agrees to commence the work within the 10 days from the date of written order to commence the work or from the date of handing over the site whichever is later as provided for in the said conditions and to complete within **60 days** and contractor has to complete the entire work within specified time subject nevertheless to the provision for extension of time.
9. All payments by the Bank under this contract will be made only at Pune.
10. All disputes arising out of or in any way connected with this Agreement shall be deemed to have arisen at Pune and only courts in Pune shall have the jurisdiction to determine the same.
11. That the several parts of this Contract have been read by the Contractor and fully understood by the Contractor.

IN WITNESS HEREOF the Bank and the Contractor have set their respective hands to these presents and two duplicates hereof the day and year first hereinabove written. (If the Contractor is a partnership or an individual)

IN WITNESS WHEREOF the Bank has set its hands to these presents through its duly authorized officials and the contractor has caused its common seal to be affixed hereunto and the said two duplicates has caused these presents and the said two duplicates hereof to be executed on its behalf, the day and year first hereinabove written (if the Contractor is a Company)

Signature clause.

SIGNED AND DELIVERED BY

The Reserve Bank of India by the

hand of

Shri _____

Name and Designation

in the presence of

1) _____

Address:

2) _____

(Witness)

SIGNED AND DELIVERED BY

in the presence of

1) _____

Address _____

2) _____

Address _____

(Witness)

Witnesses

SIGNED & DELIVERED BY

If the party is a partnership
firm or an individual should
be signed by all or on behalf
of all the partners in the
presence of :

1)

Address

2) _____

Address

Witnesses

THE COMMON SEAL OF

was hereunto affixed pursuant to the Resolutions passed by its Board of Directors at the meeting held on

in the presence of :

1) _____

2) _____

Directors, who have signed these in token thereof in the presence of in the Articles of Association.

If the Contractors signs under presents common seal, the signature clause should tally with the sealing clause

1) _____

2) _____

SIGNED AND DELIVERED by the

If the Contractor is signing by the

Contractor by the hand of
Shri _____
duly constituted attorney

hand of Power of Attorney, whether
a company or an individual and

Place:

Date:

Signature & seal of the Bidder

Section H

NEFT Details

Details of Bank Account for effecting e-payments

Name of the Institution: College of Agricultural Banking, Reserve Bank of India, Pune
Address (in full): College of Agricultural Banking, Reserve Bank of India, University Road,
Pune-411 016

1	Name of the Account Holder (as appearing in the Bank Account)	College of Agricultural Banking, Reserve Bank of India, Pune
2	Account Number	8691632
3	Type of Account (Savings, Current etc.)	Current
4	PAN Number	AAIFR 5286M
5	Name of the Bank	Reserve Bank of India
6	Name of the Branch	CAB,PUNE
7	Address of the Bank	CAB, RBI, University Road, PUNE
8	NEFT/IFS Code	RBIS0PUPA01 (0 in the code represents ZERO)
9	Name of the Account	Sundry Deposit A/c-DAD
10	GST Number	27AAIFR5286M1ZG

Details indicating exemption from payment of IT (if applicable):

NOTE :- UNDER SECTION 48 OF RBI ACT 1934, RBI SHALL NOT BE LIABLE TO PAY INCOME TAX OR SUPER TAX ON ANY OF ITS INCOME, PROFITS OR GAINS.

Section I
COLLEGE OF AGRICULTURAL BANKING
RESERVE BANK OF INDIA
UNIVERSITY ROAD
PUNE

PART II

TENDER FOR

**RENOVATION OF FOUR NOS. OF CLASS IV FLATS AT RAJNIGANDHA STAFF
QUARTERS**

(FINANCIAL BID)

Name of the Bidder: _____

Address: _____

Date of NIT	: 01/12/2022 Time: 5:00 PM
Pre-bid Meeting	: 05/12/2022 Time: 11:00 AM.
Last date of submission of tender	: 20/12/2022 Time: Up to 2:00 PM
Date of opening of Technical Bid	: 20/12/2022 Time: 4:00 PM

**COLLEGE OF AGRICULTURAL BANKING,
RESERVE BANK OF INDIA,
UNIVERSITY ROAD,
PUNE**

**RENOVATION OF FOUR NOS. OF CLASS IV FLATS AT RAJNIGANDHA STAFF
QUARTERS**

SCHEDULE OF QUANTITIES

For Information (Not For Quote)

Item no	Particulars of the work	Unit	Quantity
1.0	DISMANTLING WORKS		
1.1	DISMANTLING OF PLUMBING AND SANITARY FITTINGS:- Dismantling all plumbing and sanitary fittings in bath, WC, Toilet, kitchen, basin including G.I. pipes, medicine chest, soap dish, sink, wash basins, taps, high level/low level CI flush tank with bracket, floor traps, curtain pipes, cloth drying batten, including stacking the salvage items at place directed and disposing of the debris out of the Bank's premises at local administration authorised dumping yard, etc complete as directed by Bank's Engineer.	Each flat	4
1.2	DISMANTLING OF BATH AND WC:- Carefully dismantling the flooring, skirting and wall dado of mosaic/any stone/ tiles/ IPS along with backing & upto new dado tiles, bedding upto required height, cleaning with chisel,, etc.to expose base surface of floor slab plaster including making good the damages stacking the salvage items at place directed and disposing off the debris out of the Bank's premises at local administration authorised dumping yard, etc. complete as directed. (Bath area=2.30 sqmt & WC area=1.15 sqmt apprx)	Each flat	4
1.3	DISMANTLING OF KITCHEN:- Carefully dismantling the existing kitchen platform along with kitchen mori, brick platform, partitions, built in cupboard, tile dado with backing, stone/kadapa slab with concrete slab surface etc. including stacking the salvage items at place directed and disposing of the debris out of the Bank's premises at local administration authorised dumping yard, making good the damages to the walls, floors, etc., with cement mortar(1 cement : 4 sand) or plain cement concrete (1 cement : 2 sand : 4 aggregate) as directed by the Bank's Engineer .(Kitchen area=7.30 sqmt apprx)	Each flat	4
1.4	DISMANTLING OF SKIRTING:- Carefully dismantling the existing tile/stone skirting with backing, and disposing of the debris out of the Bank's premises, making good the damages to the walls, floors, etc., as directed by the Bank's Engineer .	sqmt	20

2.0	BRICKWORK, PLASTERING, WATREPROOFING & STRUCTURAL REPAIRS		
2.1	BRICK WALL: Providing & constructing half brick wall in CM 1:4 (1 Cement : 4 coarse Sand) at all levels, using best quality locally available bricks including providing RCC band using 8 mm dia tor steel reinforcement at every fifth layer , making key with adjoining stone/brick masonry wall, as per site requirement including racking out joints, curing etc., all complete as directed by Bank's Engineer.	Sqmt	8
2.2	PLASTERING:- Providing and applying average 125mm thick (or match the adjacent plaste) cement plaster in CM 1:4 (1 Cement : 4 fine Sand) to walls, columns, ceiling, beams, etc., in line and level , curing of new plaster, etc., complete as directed.	Sqmt	16
2.3	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying: a) First layer of slurry of cement @ 0.488 kg /sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg/ sqm mixed with water proofing cement compound @ 0.126 kg/ sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	SqM	16
2.4	Brick bat coba: Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Bank's Engineer over 20 mm thick layer of cement mortar of mix 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Bank's Engineer to required slope and treating similarly the adjoining walls including rounding of junctions of walls and slabs	SqM	16
2.5	Water proof Plaster: Providing and doing 15 mm average thick cement plaster on walls, floor etc., in CM 1:4 (1 cement : 4 fine sand), mixing water proofing material in cement plaster work in proportion recommended by the manufacturers, curing of new plaster, etc., complete as directed.	Sqmt	116
3.0	FLOORING AND DADO IN KIT,BATH,WC & TOILET		

3.1	CERAMIC TILE DADO:- Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Bank's Engineer , in dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete. (Basic rate = 300/- per sqmt)	sqmt	110
3.2	CERAMIC TILE FLOORING:- Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc., complete (Basic rate Rs. 400/sqm)	Sqmt	16
4.0	VITRIFIED TILE FLOORING & SKIRTING IN HALL , BED ROOM , KITCHEN & LOBBY		
4.1	VITRIFIED TILE FLOORING:- Providing and laying Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS:15622 , of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints matching with the shade of tiles . Size of Tile 600x600 mm (Basic price shall be Rs 500/- per Sqm).	Sqmt	116
4.2	VITRIFIED TILE SKIRTING:- Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 600x600 mm (Basic price shall be Rs 500/- per Sqm).	sqmt	10.00
5.0	FLOORING AND SKIRTING IN BALCONY		
5.1	Providing and fixing 10 mm thick acid and / or alkali resistant tiles flooring of approved make and colour using cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness bedding, including grouting of joints ,complete as per the direction of Bank's Engineer .Acid and alkali resistant tile (Basic price shall be Rs 450/- per Sqm).	sqmt	9.60

5.2	Providing and fixing in floor 10 mm thick acid and / or alkali resistant tiles of approved make and colour and grouting the joint with white cement & matching pigments complete as per the direction of Bank's Engineer . In skirting on a of 12 mm thick mortar 1:4 (1 cement : 4 coarse sand) Acid and alkali resistant tile(Basic price shall be Rs450/- per Sqm).	sqmt	3
6.0	GRANITE WORK (Basic Rate Rs 1800/- per sqmt)		
6.1	Providing and fixing 16 mm thick Granite of any colour & shade, gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms & shelves, basin counters, window sills, facias and similar locations, of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.Rate should be inclusive of fixing granite stone, over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin based adhesive,and for providing opening of required size & shape for kitchen sink in kitchen platform,LPG hose etc. including moulding, rubbing and polishing of cut edges,cleaning etc. complete.	Sqmt	8
7.0	Kadappa Stone Work		
7.1	Providing and fixing 20-25 mm thick Kadappa stone gang saw cut, semi- polished, machine cut for kitchen platforms bearing with adjucent wall, vertical supports for platform & shelves, basin counters, window sills, facias and similar locations, of required size, approved shade, texture, joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and semi-polishing to edges etc. complete at all levels.	sqmt	32
8.0	PCC		
8.1	PCC:-Providing and laying cement concrete 1:1 1/2:3 (1 Cement :1 1/2 Coarse Sand : 3 graded stone aggregate 20 mm nominal size) for any kind of work at any level including mixing, laying, compacing, and shuttering curing etc complete.	Cum	4
9.0	SANITARY & PLUMBING WORK		
9.1	Providing and fixing wash basin including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin with pedestal size 550x400 mm (White Vitreous China Wash basin with pedesta) Rs. 2400/-	Each	4

9.2	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm Sand Cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests(White Vitreous china Orissa pattern W.C. pan of size 580x440 mm)Basic Rate : Rs. 2000/-	Each	4
9.3	Providing and fixing C.P. brass Shower rose with 15 or 20 mm inlet:100 mm diameter.Rs. Basic Rate :1200/-	Each	4
9.4	Providing and fixing C.P. brass Shower arm for 15mm dia shower rose.Basic Rate: Rs. 1000/-	Each	4
9.5	Providing and fixing C.P.brass grating/ jally Heavy quality of approved make	Each	16
9.6	Providing and fixing C.P. brass Soap Dish Heavy quality of approved makeRs. Basic Rate: 750/-	Each	4
9.7	Providing and fixing 700x600 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	4
9.8	Providing and fixing concealed type C.P. brass Pillar cock of 15mm nominal bore heavy quality or approved make with flanges .Basic Rate :Rs. 1000/-	Each	4
9.9	Providing and fixing concealed type C.P. brass bib cock of 15mm nominal bore heavy quality or approved make with flanges .Basic Rate :Rs. 1000/-	Each	12
9.10	Providing and fixing C.P. brass angle cock/stop cock (concealed) of standard design and of approved make confirming to IS:8931: 15mm nominal bore.Basic Rate :Rs. 1000/-	Each	16
9.11	Providing and fixing concealed type C.P. brass Long Body Bib Cock of 15mm nominal bore heavy quality or approved make with flanges .Basic Rate :Rs. 1050/-	Each	4
9.12	Providing and fixing C.P. brass Tooth brush holder.Basic Rate :Rs.700/-	Each	4
9.13	Providing and fixing C.P. brass Towel rail 600 mm long.Basic Rate :Rs. 1200/-	Each	4
9.14	Providing and fixing C.P. brass Towel ring square 150 mm dia.Basic Rate :Rs. 700/-	Each	4
9.15	Providing and fixing 600x120x5 mm glass shelf with edges round off supported with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.Basic Rate :Rs. 1000/-	Each	4
9.16	Providing and fixing PVC Connector upto 400 mm long including necessary accessories etc complete.	Each	8

9.17	Providing and fixing 300 mm corner glass shelf with edges round off supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete. Rs. 1200/-	Each	4
9.18	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS: 13983 and stainless steel plug 40 mm, including cutting and making good the walls wherever required : Kitchen sink with drain board:915x460 mm bowl depth 200 mm.Basic Rate: Rs. 7000/-	each	4
	Water Supply		
10.0	Providing & Fixing GI pipes complete with GI fittings and clamps including making good the walls etc. concealed pipe including painting with anti-corrosive bitumastic paint, cutting chases and making good the wall:		
10.1	20 mm nominal bore	Rmt	4
10.2	15 mm nominal bore	Rmt.	4
10.3	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. and making good the wall:		
	15 mm nominal bore	Rmt.	44
11.0	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors:100 mm inlet and 75 mm outlet, Sand cast iron S&S as per IS - 3989	Each	16
12.0	Providing & fixing PVC moulded/ready made bath cabinet of approved make & model of size 300 X 450 mm .	Each	4
13.0	C.I. PIPE LINE INTERNAL:- Providing and fixing C.I. pipes of approved make for soi, waste and vent pipe line including fittings such as tee bend, 'y' junction conforming to IS 3989 with lead /cement joint (heavy quality) including embedded in PCC horizontal length in floor . Note: Length of pipe including specials will measured in running metre for payment.		0
13.1	30 mm Dia		8
13.2	75 mm Dia	Rmt.	8
13.3	100 mm Dia	Rmt.	8
14.0	CARPENTARY WORK		
14.1	DOORS:- Carefully removing the existing single leaf wooden door shutter from position for accommodating vitrified tile flooring, cutting the lower portion of the bottom rail approx.(15mm or as directed), removing old hardware fittings including welded	Each	24

	hinges and re-fixing the door shutter to the door frame etc complete as directed by Engineer-in- Charge.		
15.0	Providing and fixing ERW MS pipe PVC coated decorative draoery rods of SOFIO II variety if Vista Levolor brand or equivalent quality with necessary brackets, finials, rings, wooden plugs, etc., wherever necessary complete and as per the sample as approved by the Engineer-in-Charge.	Rmt	18
16.0	Repainting		
16.1	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. Rate inclusive of removing of existing finish by scrapping, sand papering including necessary repairs to scratches etc. complete.	Sqmt	520
16.2	Providing and applying Distempering with 1st quality acrylic distemper (ready mixed) of approved manufacturer, of required shade and colour complete, as per manufacturer's specification. Two or more coats on new work. Applying one coat of water thinnable cement primer of approved brand and manufacture on ceiling surface :	Sqmt	520
16.3	Providing and applying Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on wood & steel work and including priming coat of approved primer including preparation of surface.	Sqmt	160
17.0	Hardware fittings (Heavy Duty)		
17.1	Providing and fixing chromium plated brass night latch of approved quality including necessary screws etc. complete.	each	4
17.2	Rebate for taking away the scrap/salvage materials viz. plumbing and sanitary items, carpentry / hardware items, pelmets, tiles or any other scrap items stacked/available out of dismantled works specified in item no. 1 to 3 above except electrical fittings with the approval of the Engineer- in-Charge.	Each flat	4
	Note:- The quoted rate shall include the cost of all materials, wastages, labour of all descriptions, carrying out the work as per specifications & as directed by Bank's Engineer , sundries, taxes, levies, all operations which may or may not be detailed here but are necessary for satisfactory completion of this item of work, insurance premium, contractors profit and overheads etc. complete and shall be deemed to have been quoted for the finished item of work to be measured at site for making payments.		

Place:

Date:

Signature & seal of bidder