NOTICE INVITING TENDER

Dear Sir

Tender for Reconstruction of Compound Wall along the Main Road at NABARD Gardens, Poojapura

1. National Bank for Agriculture and Rural Development (NABARD) invites sealed offers/tenders in two parts from all eligible bidders Reconstruction of Compound Wall along the Main Road at NABARD Gardens, Poojapura as per the terms and conditions contained in the tender.

2. The tender Document may be obtained from the Bank's office located at National Bank for Agriculture and Rural Development, Kerala Regional Office, Punnen Road, Statue Thiruvananthapuram — 695001 or downloaded from https://www.nabard.org

3. It may be noted that the tender document downloaded from the website is free of cost. If the bidder requires a hard copy of the tender document, then the cost for obtaining the tender document from NABARD office has to be deposited, through online payment, into the account number below indicated. The proof of such deposit is to be brought to the office for purchase of the tender document.

<table>
<thead>
<tr>
<th>Name of Account</th>
<th>NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bank Name</td>
<td>NABARD</td>
</tr>
<tr>
<td>Branch Name</td>
<td>HEAD OFFICE MUMBAI</td>
</tr>
<tr>
<td>IFSC Code</td>
<td>NBRD0000002</td>
</tr>
<tr>
<td>Account Number</td>
<td>NABADMN30</td>
</tr>
</tbody>
</table>

राष्ट्रीय कृषि और ग्रामीण विकास बैंक

National Bank for Agriculture and Rural Development

Kerala Regional Office
National Bank for Agriculture and Rural Development, Kerala Regional Office, Punnen Road, Statue Thiruvananthapuram — 695001
Tel: 0471 2701600/2701700 • E-mail: trivandrum@nabard.org

www.nabard.org Taking Rural India >> Forward
4. The other details are given below:

<table>
<thead>
<tr>
<th>Date of commencement of issue of tender</th>
<th>16\textsuperscript{th} December 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost of tender document (non-refundable)</td>
<td>Rs 500/- but no cost will be charged for the tender document downloaded from <a href="http://www.nabard.org">www.nabard.org</a></td>
</tr>
<tr>
<td>Earnest Money Deposit (Bid Security)</td>
<td>Rs 15,861/- (EMD is not applicable to MSEs as defined in MSE Procurement Policy issued by GoI or bidders who are registered with Central Procurement Organizations.)</td>
</tr>
<tr>
<td>Last date for receipt of tender queries</td>
<td>04\textsuperscript{th} January 2021</td>
</tr>
<tr>
<td>Last date and time for receipt of Bids</td>
<td>05\textsuperscript{th} January 2021, 15:00hrs</td>
</tr>
<tr>
<td>Date and time of opening of technical bid</td>
<td>05\textsuperscript{th} January 2021 at 16:00hrs</td>
</tr>
<tr>
<td>Place of receiving and opening of tenders</td>
<td>Kerala Regional Office, Punnen Road, Statue Thiruvananthapuram – 695001 Ph 0471-2701653 <a href="mailto:email-dssp.trivandrum@nabard.org">email-dssp.trivandrum@nabard.org</a></td>
</tr>
<tr>
<td>Number of envelopes (non-window, sealed) to be submitted</td>
<td>Three (3) Envelopes</td>
</tr>
<tr>
<td></td>
<td>a) Sealed Envelope 1 -Pre Contract Integrity Pact</td>
</tr>
<tr>
<td></td>
<td>b) Sealed envelope 2 containing technical bid of tender document +EMD to be deposited in the NABARD account indicated above or MSME exemption certificate in lieu of EMD</td>
</tr>
<tr>
<td></td>
<td>c) Sealed envelope 3 containing Price Bid</td>
</tr>
<tr>
<td></td>
<td>All the envelopes to be placed in one sealed envelope with “Tender for Reconstruction of Compound Wall along the Main Road at NABARD Gardens, Poojapura” Super scribed on the top of the cover.</td>
</tr>
</tbody>
</table>

5. Bank reserves the right to change the dates mentioned in the tender document which will be displayed, as corrigendum/amendment, at the above websites on which tender documents are available. The Bidder may go through the above website for any corrigendum/amendment if any.

6. Please note that all the information desired needs to be provided by the bidder in the formats specified by the Bank. The bidder shall bear all the costs associated with the preparation and submission of the bid and NABARD will, in no case, be responsible or liable for such costs, regardless of the conduct or outcome of tendering process.
7. Earnest Money Deposit must be deposited into the below indicated account number on or before 04th January 2021.

<table>
<thead>
<tr>
<th>Name of Account</th>
<th>NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bank Name</td>
<td>NABARD</td>
</tr>
<tr>
<td>Branch Name</td>
<td>HEAD OFFICE MUMBAI</td>
</tr>
<tr>
<td>IFSC Code</td>
<td>NBRD00000002</td>
</tr>
<tr>
<td>Account Number</td>
<td>NABADNM30</td>
</tr>
</tbody>
</table>

8. The online payment proof is to be kept along with tender offers in envelope-2 with the technical bid. Offers received without deposit of EMD & Cost of tender document before the date and time will be rejected.

9. Technical specifications, terms and conditions, various formats and proforma for submitting the tender offer are described in the tender document and its enclosures/annexures.

10. Tender offer will be opened in the presence of the bidders or their representatives who choose to attend the opening of tender on the above mentioned date, time and place. The details of the representative who are going to participate in tender opening is to be emailed to dpdp_trivandrum@nabard.org on or before 04th January 2020, only that personnel will be allowed in the premises in view of COVID protocol.

11. PRE-CONTRACT INTEGRITY PACT: Pre-contract Integrity Pact as per the format given below may be filled and submitted along with the Technical Bid, failing which the tender will not be considered. Pre Contract Integrity Pact should be submitted on Rs. 100 Stamp Paper only on first page and remaining document on normal A4 size pages duly signed by the bidder. We bring to your notice that the Name of the Independent External Monitor (IEM) Shri Pramod Kumar Sangewar, IRSS (Retd.) H. No. 12-5-65/1, Flat No. log Sri Harsha Sethuram Unique Vijayapuri Colony, South Lalaguda Secunderabad 5000 17 Telangana State

K Ramalingam
Deputy General Manager
Tender for Reconstruction of Compound Wall along the Main Road at NABARD Gardens, Poojapura, Thiruvananthapuram, Kerala

PART- 1
TECHNICAL BID

NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT (NABARD), KERALA REGIONAL OFFICE, PUNNEN ROAD, THIRUVANANTHAPURAM, KERALA – 695001

(Last date of receipt of Tender: 15:00 Hours on 05th January 2021)
(Date of Opening of Technical Bid: 16:00 Hours on 05th January 2021)
(Date of Opening of Price Bid: Will be indicated separately)
<table>
<thead>
<tr>
<th>Sl.No</th>
<th>PARTICULARS</th>
<th>PAGE No</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Notice Inviting Tender</td>
<td>1-3</td>
</tr>
<tr>
<td>2.</td>
<td>Tender Covering Technical Bid- Part I</td>
<td>4</td>
</tr>
<tr>
<td>3.</td>
<td>Index</td>
<td>5</td>
</tr>
<tr>
<td>4.</td>
<td>Form of Tender</td>
<td>6-7</td>
</tr>
<tr>
<td>5.</td>
<td>Pre Contract Integrity Pact</td>
<td>8-12</td>
</tr>
<tr>
<td>6.</td>
<td>General Instructions to the Contractors/Tenderer</td>
<td>13-16</td>
</tr>
<tr>
<td>7.</td>
<td>Special Conditions</td>
<td>17-19</td>
</tr>
<tr>
<td>8.</td>
<td>Scope of Work</td>
<td>20</td>
</tr>
<tr>
<td>10.</td>
<td>List of approved make of materials/ trade</td>
<td>36</td>
</tr>
<tr>
<td>11.</td>
<td>Annexure I- Articles of Agreement</td>
<td>37-39</td>
</tr>
<tr>
<td>12.</td>
<td>Annexure II- Format of Virtual Completion Certificate</td>
<td>40</td>
</tr>
<tr>
<td>14.</td>
<td>Annexure –IV- Basic Information</td>
<td>43-44</td>
</tr>
<tr>
<td>15.</td>
<td>Annexure –V- Previous Experience (Executed)</td>
<td>45</td>
</tr>
<tr>
<td>16.</td>
<td>Annexure –VI- Previous Experience (On Hand)</td>
<td>46</td>
</tr>
<tr>
<td>17.</td>
<td>Annexure –VII- List of plant, machineries, equipment etc</td>
<td>47</td>
</tr>
<tr>
<td>18.</td>
<td>Annexure –VIII- Technical Personal &amp; Special Experience</td>
<td>48</td>
</tr>
<tr>
<td>19.</td>
<td>Annexure – IX- Proforma For Electronic Payment</td>
<td>49</td>
</tr>
<tr>
<td>20.</td>
<td>Annexure – X – Drawing</td>
<td>50-54</td>
</tr>
</tbody>
</table>
FORM OF TENDER

16th December 2020

The Chief General Manager
NABARD, Kerala Regional Office
Punnen Road,
Thiruvananthapuram - 695001

Dear Sir,

Tender for Reconstruction of Compound Wall along the Main Road at NABARD Gardens, Poojapura, Thiruvananthapuram, Kerala

Having examined the Technical bid and price bid of tender document relating to the works specified in the Memorandum hereinafter set out, 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, at the rates mentioned in the Price Bid and in accordance with all respects of the tender and with such materials are provided for, by and in all other respects in accordance with such conditions so far as they may be applicable.

MEMORANDUM

a) Description of work : Tender for Reconstruction of Compound Wall along the Main Road at NABARD Gardens, Poojapura, Thiruvananthapuram, Kerala

b) Earnest Money : Rs. 15861/-

- EMD is not applicable to MSEs as defined in MSE Procurement Policy issued by GoI or bidders who are registered with Central Procurement Organizations.

c) Time allowed for completion : Two months of the work

d) Retention Money Deposit : 5% from every R.A. Bill.

We understand that the time for completion shown above shall be reckoned from the date of issue of the Work Order.

Should this tender be accepted, I/We hereby agree to abide by and fulfil the terms and provisions or the said Conditions of the tender annexed hereto so far as they may be applicable or in default thereof to forfeit the EMD and pay to the National Bank for Agriculture and Rural Development, the amount mentioned in the said tender conditions.

Our Bankers are:
The names of partners of our firm are:

i)  

ii)  

iii)  

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 the Power of Attorney should be attached):  

Yours faithfully,  

Signature of Tenderer
PRE CONTRACT INTEGRITY PACT

(To be submitted on Rs. 100 Stamp Paper only on first page and remaining document on normal A4 size pages duly signed by the bidder)(Tenders without Pre-Contract Integrity Pact on Rs.100 stamp paper shall be rejected out rightly)

Between

National Bank for Agriculture and Rural Development (NABARD) hereinafter referred to as “The Principal”

And

…………………………………………. hereinafter referred to as “The Bidder/Contractor”

Preamble

The Principal intends to award, under laid down organizational procedures, contract/s for “Tender for Reconstruction of Compound Wall along the Main Road at NABARD Gardens, Poojapura”. The Principal values full compliance with all relevant laws of the land, rules, regulation, and economic use of resources and of fairness /transparency in its relations with its Bidder(s) and/or Contractor(s).

In order to achieve these goals, the Principal will appoint Independent External Monitors (IEMs) who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1 – Commitments of the Principal

(1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-

a. No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

b. The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will, in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.

c. The Principal will exclude from the process all known prejudiced persons.

(2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

Section 2 – Commitments of the Bidder(s)/Contractor(s)

(1) The Bidder(s) / Contractor(s) commit themselves to take all measures necessary to prevent corruption. The Bidder(s) / Contractor(s) commit themselves to observe the following principles during participation in the tender process and during the contract execution :
a. The Bidder(s) / Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal’s employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

b. The Bidder(s)/Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelisation in the bidding process.

c. The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s) / Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

d. The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly the Bidder(s)/Contractors(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any.

e. The Bidder(s) /Contractor(s) will, when presenting their bid, disclose any and all payments made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

f. Bidder(s) /Contractor(s) who have signed the Integrity Pact shall not approach the Courts while representing the matter to IEMs and shall wait for their decision in the matter.

(2) The Bidder(s) /Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 – Disqualification from tender process and exclusion from future contracts

If the Bidder(s) /Contractor(s), before award or during execution has committed a transgression through a violation of Section 2, above or in any other form which put their reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s) /Contractor(s) from the tender process.

Section 4 – Compensation for Damages

(1) If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/Bid Security.

(2) If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the Contract value or the amount equivalent to Performance Bank Guarantee.

Section 5 – Previous transgression
(1) The Bidder declares that no previous transgressions occurred in the last three years with any other Company in any country conforming to the anti-corruption approach or with any Public Sector Enterprise in India that could justify his exclusion from the tender process. Notice Inviting Tender for Structural Repairs of Buildings at NBSC & BIRD Lucknow Page 43 of 59

(2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process.

Section 6 – Equal treatment of all Bidders / Contractors/ Subcontractors

(1) In case of Sub-contracting, the Principal Contractor shall take the responsibility of the adoption of Integrity Pact by the Sub-contractor.

(2) The Principal will enter into agreements with identical conditions as this one with all Bidders and Contractors

(3) The Principal will disqualify from the tender process all bidders who do not sign the Pact or violate its provisions.

Section 7 – Criminal charges against violating Bidders(s) / Contractor(s)/ Subcontractor(s)

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

Section 8 – Independent External Monitor

(1) The Principal appoints competent and credible Independent External Monitor for this Pact after approval by the Central Vigilance Commission. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement. The Independent External Monitor appointed for NABARD is: Note: The Name of the Independent External Monitor (IEM) mentioned in section 8 is Shri Pramod Kumar Sangewar, IRSS (Retd.) H. No. 12-5-65/1, Flat No. log Sri Harsha Sethuram Unique Vijayapuri Colony, South Lalaguda Secunderabad 5000 17 Telangana State

(2) The Monitor is not subject to instructions by the representatives of the parties and performs his/her functions neutrally and independently. The Monitor would have access to all Contract documents, whenever required. It will be obligatory for him / her to treat the information and documents of the Bidders /Contractors as confidential. He / she reports to the Chairman, NABARD.

(3) The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his/her request and demonstration of a valid interest, unrestricted and unconditional access to their project documentation. The same is applicable to Sub-contractors.

(4) The monitor is under contractual obligation to treat the information and documents
of the Bidder(s) /Contractor(s) / Sub-contractor(s) with confidentiality. The Monitor has also signed declarations on ‘Non-disclosure of Confidential Information and of ‘Absence of Conflict of Interest’. In case of any conflict of interest arising at a later date, the IEM shall inform Chairman, NABARD and recuse himself/herself from that case.

Notice Inviting **Tender for Reconstruction of Compound Wall along the Main Road at NABARD Gardens, Poojapura**

(5) The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project, provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

(6) As soon as the Monitor notices, or believes to notice, a violation of this agreement, he/she will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.

(7) The monitor will submit a written report to the Chairman, NABARD within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposal for correcting problematic situations.

(8) If the Monitor has reported to the Chairman, NABARD, a substantiated suspicion of an offence under the relevant IPC/PC Act, and the Chairman NABARD has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.

(9) The word ‘Monitor’ would include both singular and plural.

**Section 9 – Pact Duration**

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings. If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharge/determined by the Chairman of NABARD.

**Section 10 – Other provisions**

(1) This agreement is subject of Indian Law, Place of performance and jurisdiction is the Head Office of the Principal, i.e. Mumbai.

(2) Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

(3) If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
(4) Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

(5) Issues like Warranty/Guarantee etc. shall be outside the purview of IEMs.

(6) In the event of any contradiction between the Integrity Pact and its Annexure, if any, the Clause in the Integrity Pact will prevail.

(For & On behalf of the Principal)  (For & on behalf of the Bidder/Contractor)

(Office Seal)  (Office Seal)

Place ____________________  
Date ____________________

Witness 1: (Name & Address)  
__________________________________  
__________________________________  

Witness 2: (Name & Address)  
__________________________________  
__________________________________

Place:  (SIGNATURE OF THE TENDERER)  
Name:  
Date:  Seal:
GENERAL INSTRUCTIONS TO THE CONTRACTORS/ TENDERERS

1. Contractors are advised to visit the site and thoroughly understand the nature and scope of the works and be familiar with the site conditions before quoting.

2. The pre-qualification that has to be mandatorily that has to be complied with for participating in this bidding process is as listed below. The documents indicating the following criteria is to be included along with the bid for verification process.

   a) The bidder should have experience of similar works during the last 7 years

   b) The annual turnover of the bidder during each of the last 3 years should be at least ₹5.01lakh and above

   c) The firm should have done at least:

      i) three similar works valuing not less than ₹6.68lakh of the estimated cost;

      ii) two similar works valuing not less than ₹8.36lakh of the estimated cost;

      iii) one similar work valuing not less than ₹13.37lakh of the estimated cost.

3. 

4. The quantities indicated in the Bill of Quantities (BOQ) are only tentative and shall be executed only at the sole discretion of NABARD.

5. Quoted rates should be workable and reasonable and should include incidental and all overheads and profits. The contractor should furnish Rate Analysis for scrutiny of the rates by NABARD, if required.

6. Rates should include all Taxes, Duties, Levies, Wages as per Act, GST, loading, unloading, transportation of material to site, carting away the debris etc. and should be firm for the entire Contract period. No escalation of rates will be allowed for the entire contract period and extended time if any on any account.

7. Materials used should conform to relevant National/ International Codes.

8. Specifications and Method of Measurements shall be followed as applicable. However, in the absence of the same and / or in case of any discrepancy, the decision of NABARD will be final.
9. The items not covered in the Schedule of Quantities of the Contract Document shall be paid at the rates as per Rate Analysis based on the market prices supported by documentary proof with 15% towards Contractor's Overhead charges, plus Works Contract Tax and GST as applicable. The Rate Analysis shall be submitted by the Contractor for scrutiny and approval of NABARD.

10. Income Tax, GST, Works Contract Tax and other taxes as applicable will be deducted from total payment due to the Contractor.

11. The Contractor should have valid License relating to his Contract and the workmen employed by the Contractor should also have the valid License and experience in their trade.

12. The Contractor should take necessary Insurance cover (CAR policy – contractor's all risk policy) at his cost for his persons employed at site and for third Party. Policies should be taken in the joint names of NABARD and the Contractor for which first name should be NABARD. The policy in original shall be deposited to NABARD within 14 days of awarding the work.

13. All the Standard Conditions of the Contract shall be binding on the parties as per Indian Contract Act and prevailing Rules.

14. The entire work is required to be completed as specified in the tender.

15. The Contractor shall comply with the provisions of Contract, Labor (Regulation & Abolition) Act, 1970, Minimum Wages Act and all other Labor Laws and other Statutory Regulations (both Central and State) that may be enforced from time to time by the appropriate authorities. NABARD shall not be held responsible for any penalty on failure of the any Labor Regulations. NABARD shall have the power to inspect the Wage Register and for physical verification of salary paid to the staff with reference to any records of the Contractor and to insist the Contractor to comply with Laws.

16. The Contractor should be responsible to fulfil all the obligations in connection with the workers employed by the Contractor for the purpose of the Contract and all the Statutory and other liabilities, if any, including minimum wages, leave salary, uniform, ex-gratia, gratuity, ESI, Provident Fund, Workman Compensation, if any, etc. in connection therewith shall be on the Contractor’s account and payable by the Contractor.

17. The Contractor should obtain necessary permission that may be required for the purpose of this Contract from such authorities as may be prescribed by Law from time to time.

18. The Contractor or his authorized representative should visit the site regularly and if necessary meet NABARD’s Engineer with prior appointment for any clarifications and to receive instructions, take measurements, etc. at the site.

19. The Contractor shall be fully responsible and shall compensate NABARD with suitable Insurance cover in the event of any damage to men or material, injury / damage or death as the case may be, caused directly or indirectly due to the
negligence of the Contractor or his agents and / or his employees, or workmen. The decision of NABARD in this regard shall be final and binding.

20. Any act of indiscipline / misconduct / theft / pilferage / careless activities on the part of any employee engaged by the Contractor resulting in any loss to NABARD in kind or cash will be viewed seriously and NABARD will have the right to claim damages or levy fine and / or terminate the Contract forthwith, if necessary.

21. In case of any default or failure on Contractor's part to comply with all / any one of the Terms / Conditions, NABARD reserves to itself the right to take necessary steps to remedy the situation including, inter-alia, the deduction of appropriate amount / s from dues otherwise payable to Contractor and / or by taking recourse to appropriate recovery proceedings.

22. If any dispute arises on any matter concerning this Contract, the decision of NABARD shall be final and binding.

23. The Contractor should not at any time do, cause or permit any nuisance on the site / do anything which shall cause unnecessary disturbances or inconvenience to the staff / visitors at site or near the site of work.

24. The work should be carried out with least inconvenience to other residents in the quarters. The workmen employed by the Contractor should abide by the Rules and Regulations maintained by NABARD in the premises, especially in respect of working hours, entry of the workers to the premises, interpersonal relation with the occupants etc.

25. The Contractor should obtain approvals, if any, necessary for the work from the statutory bodies on behalf of NABARD. The fees and other statutory charges, if any, will be reimbursed to the Contractor based on the original receipts produced to NABARD.

26. The Contract can be terminated by NABARD on 15 days' notice if services are found to be unsatisfactory and if there is no improvement even after issue of three notices to the contractor.

27. On-site storage space will be provided to the Contractor subject to availability. NABARD will not be responsible for Contractor's materials. The Contractor may be required to vacate the storage space and sheds as per exigency after making good the area clean without any extra cost to NABARD.

28. The Contractor shall provide everything necessary for the proper execution of the works. NABARD will not supply any ‘T & P’ and materials or any other equipment, materials, labor, etc. and no payment in this respect will be made by NABARD.

29. The Contractor shall supply, and maintain suitable single or double bamboo/MS scaffolding with working plat forms at all levels, T&P etc. along the compound wall proposed to be reconstructed or any other area if required at his cost during the execution of any work and remove them as soon as the work is completed without any damage to existing structure / fittings / fixtures.
30. The Contractor shall not directly or indirectly transfer, assign or sublet the Contract or any part of it, without written permission of NABARD.

31. Any defect which may appear within the **Defect Liability Period** after the Virtual completion of work should be rectified by the Contractor at his cost and risk and only thereafter the Security Deposit will be refunded to the Contractor.

32. The Earnest Money Deposit (EMD)/ Security Deposit (SD) will not bear any interest. If the bidder withdraws his tender before expiry of the validity period of the bidder or if the Contractor fails to execute / complete the works satisfactorily, NABARD has the right to forfeit the EMD / SD. Any Tender were the EMD has not been deposited to NABARD account through online transfer on or before the due date, will be rejected. The EMD of all the unsuccessful bidders will be refunded.

33. Security Deposit: In addition to ISD, Retention Money Deposit (RMD) will be deducted @ 5% of the gross value of the work done / each Running Bill and Final Bill till the Security Deposit (i.e. ISD plus RMD) amounts to 5% of contract value. This amount shall not bear any interest. The EMD already with NABARD shall be taken into account and adjusted towards Security Deposit (SD) while settling the Final Bill. The Security Deposit (SD) will not bear any interest. 50% of the total security deposit is refunded after virtual completion of the work and rest 50% will be refunded after Defects Liability Period from the date of Virtual Completion of works provided the Contractor has satisfactorily carried out all the rectification works and attended to all defects to the satisfaction of NABARD.

34. Defects LIABILITY period: **One year** from the date of Virtual Completion of works certified by NABARD.

35. Validity of Tender: Three months from the date of opening of Tender.

36. Liquidated Damages: 0.25% of the accepted Tender Value per week or part of the week subject to maximum of 5% of the value of work.

37. PAYMENT: The contractor shall be entitled to receive upto Rs5,00lakh as Running Bill payment after completion of work of approximately 50% of value of the contract and after submission of the bill with joint measurements with the Architect deputed by the Bank/Banks Engineer.

We accept all the above Terms and Conditions in all respects without any reservation.

(SIGNATURE OF THE TENDERER)

Place: 
Date: 
Name: 
Seal:
SPECIAL CONDITIONS

1. The Tender is strictly on Item Rate basis.

2. All the pages of the Tender Document shall be signed by the Tenderer.

3. NABARD takes no responsibility for delay / loss in post or non-receipt of Tender Documents.

4. Tenders submitted by unauthorized agents and FAX / Telex / Telegraphic bids shall not be entertained / considered.

5. Tenderers are advised to visit the site at their cost, conduct inspection of existing conditions so as to familiarize themselves with the site conditions, nature of works etc. and get all clarifications as necessary from NABARD before quoting the rates.

6. The contractor should provide suitable scaffolding made out of bamboos / MS Pipes and stands with working platforms to his workers for carrying out the work hassle free, smoothly and safely. The rates quoted include the charges for supplying and erecting scaffolding and its removal after completion of work.

7. Special care shall be taken by providing suitable covers like tarpaulins, polythene sheets etc. to prevent dust nuisance, if any, in the influence area of his work in the premises.

8. The work shall be carried out without any inconvenience to the staff / residents, the rates quoted shall include all the above precautions and for handling and re-arranging the materials used in the work or otherwise and also to place in its original position after completion of work and any damage to property caused by the Contractor shall be made good by the Contractor at his cost. The contractor has to wash and clean the floors in the influence area of his activities at his cost after his daily completion of work.

9. Rates should include for removal of debris out of work site to the safe limit earmarked in the premises daily basis, removal of debris out of the premises and dumping to Municipal Corporations dump yard periodically, removing stains, cleaning the site thoroughly and unless the same is done to the satisfaction of the NABARD’s Engineer, the Bill will not be accepted.

10. The Contractor shall make necessary arrangement for watch and ward of his materials, tools, machines, scaffolding etc. stored for the execution of the work at his own risk and cost and NABARD will not be responsible on any account.

11. If the last date of receipt of Tender is a holiday, then submission of Tenders shall be shifted to next working day without change of time and venue.

12. The tenderers should quote their rates strictly adhering to Terms and Conditions stipulated in the Tender Document. Unsolicited correspondence after opening of
the Tender shall not be entertained. Conditional / deviated tenders may be rejected without making any reference to the bidders.

13. No tenderer will be allowed to withdraw his Tender during the validity period. Subletting of the Contract is not permitted.

14. Rates should be filled in the Tender neatly and as far as possible, no correction shall be made. The rates quoted should be written legibly in words and figures. If on check, differences are observed between the rates given by the Contractor in words and figures or in the amount worked out by him, the following procedure shall be followed.
   a. When there is a difference between the rates in figures and in words the rates which corresponds to the amounts worked out by the Contractor shall be taken as correct.
   b. When the amount of an item is not worked out by the Contractor or it does not correspond with the rate written either in figures or in words, then the rate quoted by the Contractor in words shall be taken as correct.
   c. When the rates quoted by the Contractor in figures and in words tally, but the amount is not worked out correctly, the rate quoted by the Contractor shall be taken as correct and not the amount.

15. No advance shall be paid towards mobilization and cost of materials.

16. No compensation shall be admissible for any loss suffered by the Contractor during the execution of the work. It shall be the Contractor’s sole responsibility to protect NABARD’s staff and its employees against accidents from any cause and the contractor shall indemnify NABARD against any claims for damage for injury to person or property, resulting from any such accidents with necessary Insurance cover.

   b. The Contractor should take necessary Insurance cover (CAR policy – contractor’s all risk policy) at his cost for his persons employed at site and for Third Party. Policies should be taken in the joint names of NABARD and the Contractor in which first name should be NABARD.

   c. Any damages caused to the building / premises during the execution of the work shall be made good by the Contractor at his risk and cost and if necessary, through suitable Insurance cover.

   d. The contractor at his cost and risk should shift / displace the Bank's furniture / fixtures etc. as per the needs to facilitate the job during the time of work and should re-shift the goods at its initial place without any damage.

17. The Contractor shall use necessary safety equipment and maintain all safety measures during the execution of works and ensure compliance of Safety Code as per Rules and Regulations in force.
18. The Contractor shall engage necessary qualified and experienced supervisory staff at his cost during the execution of the work for attending to day to day affairs. He shall keep record of daily work schedule and keep inform the progress to the Banks Engineer on daily basis.

19. The Contractor shall submit the bills along with the accepted and jointly recorded measurements with Architect/consultant deputed by the Bank / Banks Engineer and duly certified by the consultant/ NABARD’s Engineer.

20. The Contractor should have necessary Contract License and comply with the Labour Laws as applicable.

21. Notwithstanding anything stated above, NABARD reserves the right to assess the Bidders capability and capacity to perform the contract, should the circumstances warrant such assessment in the overall interest of NABARD.

22. The decision of NABARD in awarding the work shall be final and can not be subjected to arbitration.

23. NABARD reserves the right to accept/ negotiate / reject any Tender either in whole or in part without assigning any reasons therefore whatsoever and without entering into any further correspondence and hence, NABARD shall be under no obligation to accept the lowest or any other Tenders received in response to this Tender. The decision of NABARD in this regard shall be final and undisputable.

24. NABARD also reserves the right of supersession of any of the conditions, stipulated in the Tender Document.

25. Rates quoted by the contractor shall be as indicated in the tender and is firm throughout the contract period and extended period if any.

DECLARATION BY THE CONTRACTOR

We / I have read and understood all the instructions / conditions made above and we / I have taken into account the above Instructions / Terms and Conditions while quoting the rates. We / I accept all the above Terms and Conditions without any reservation, in all respects.

Place:

DATE:

(SIGNATURE OF THE TENDERER)
ADDRESS:
NAME and SEAL
**SCOPE OF WORK**

- Demolishing of the existing compound wall and carting away the debris from the site to the authorized dumping sites.

- Care should be taken while removing the compound wall as the same is overlooking the main road and is along the public path way.

- Liaisoning with the Government departments like KSEB, WATER, Telephones during the course of execution in order to ensure there is not damage to the public property.

- Providing protective sheet around the work site so as to ensure that there is no inconvenience to the public during the course of execution of work.

- Excavation of the earth at the ground level as per the specification indicated in the price bid and the methodology indicated in the technical specification.

- Reconstruction of the tapering retaining wall with new random rubble masonry with weep holes

- The retaining wall is to be supported with intermittent concrete column and belt concrete as per the technical specification indicated in both the Bids.

- Construction of brick wall using well burnt bricks

- Plastering the brick wall

- Fabricating and providing new gate as per the specification given in price bid.

- The light fitting on the compound wall are to be fixed as per the instruction of the engineer in charge.

- Cladding of the frontage wall with ACP panel and also lit up with back light.

- Fabricating and fixing the NABARD Logo as per our requirement.

- Fabricating and providing MS Grill on top of the compound wall.

- Painting of the compound wall.

- Providing recharge well along the compound wall.

- Fabricating and fixing gate as per the drawing specification.

PLACE :

DATE :

(SIGNATURE OF THE TENDERER)

ADDRESS :

NAME and SEAL
TECHNICAL SPECIFICATIONS

I) Demolishing

1. The Contractor shall take adequate protective measures to see that the demolishing operations do not damage the adjoining structures or dislocate the services. Water supply pipes, sluice valve chambers, sewerage pipes, manholes, drainage pipes and chambers, communication cables, power supply cables etc. met within the course of excavation shall be properly supported and adequately protected, so that these services remain functional. However, if any service is damaged during excavation shall be restored in reasonable time.

II) Earth Work

1. As the earthwork location is facing the main road, excavation location where directed by the Engineer-in-Charge shall be securely barricaded and provided with proper caution signs, conspicuously displayed during the day and properly illuminated with red lights and/or written using fluorescent reflective paint as directed by engineer in charge during the night to avoid accident.

2. Excavation shall not be carried out below the foundation level of the adjacent buildings until underpinning, shoring etc. is done as per the directions of the Engineer-in-Charge for which payment shall be made separately after the rate analysis is submitted to NABARD.

3. Any damages done by the contractor to any existing work shall be made good by him at his own cost. Existing drains pipes, culverts, overhead wires, water supply lines and similar services encountered during the course of execution shall be protected against damage by the contractor.

4. The contractor shall not store material or otherwise occupy any part of the site in manner likely to hinder the operations of such service.

5. All excavation operations manually or by mechanical means shall include excavation and ‘getting out’ the excavated materials. In case of excavation for trenches, basements, water tanks etc. ‘getting out’ shall include throwing the excavated materials at a distance of at least one metre or half the depth of excavation, whichever is more, clear off the edge of excavation.

6. The excavated soil should either be reused or carted away as per the instruction of the officer in charge.

7. The excavation shall be done true to levels, slope, shape and pattern indicated by the officer in-Charge. Only the excavation shown on the drawings with additional allowances for centering and shuttering or as required by the officer-in-Charge shall be measured and recorded for payment.

8. The earth used for filling shall be free from all roots, grass, shrubs, rank vegetation, brushwood, tress, sapling and rubbish.

9. Filling: The space around the foundations and drains in trenches shall be
cleared of all debris, brick bats etc. The filling shall be done in layers not exceeding 20 cm in depth. Each layer shall be watered, rammed and consolidated. Ramming shall be done with iron rammers where possible and with blunt end of crow bars where rammers cannot be used. Special care shall be taken to ensure that no damage is caused to the pipes, drains, masonry or concrete in the trenches. In case of filling under floor, the finished level of filling shall be kept to the slope intended to be given to the floor.

10. Measurements: The length and breadth of excavation or filling shall be measured with a steel tape correct to the nearest cm. The depth of cutting or height of filling shall be measured, correct to 5 mm, by recording levels before the start of the work and after the completion of the work. The cubical contents shall be worked out to the nearest two places of decimal in cubic meters.

III) Cement Mortar

1. Cement in bags shall be stored and stacked in a shed which is dry, leak-proof and as moisture-proof as possible. Flooring of the shed shall consists of the two layers of dry bricks laid on well consolidated earth to avoid contact of cement bags with the floor. It is the responsibility of the contractor to ensure that the cements is safely stacked away from rain water damages.

2. Fine Aggregate: Aggregate most of which passes through 4.75 mm IS sieve is known as fine aggregate. Fine aggregate shall consist of natural sand, crushed stone sand, crushed gravel sand stone dust or marble dust, fly ash and broken brick (Burnt clay). It shall be hard, durable, chemically inert, clean and free from adherent coatings, organic matter etc. and shall not contain any appreciable amount of clay balls or pellets and harmful impurities e.g. iron pyrites, alkalies, salts, coal, mica, shale or similar laminated materials.

3. Coarse Aggregate

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. Aggregates from other than natural resources shall comply with the requirements of IS 383.

(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 overburnt 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 Engineer-in-Charge is satisfied with the data on the proportion of concrete made with them.

4. Mixing of concrete:

A. Proportioning: Proportioning on weight basis shall be preferred taking into account specific gravity of sand and moisture content. Boxes of suitable size shall be prepared to facilitate proportioning on weight basis. Cement bag weighting 50 kg shall be taken as 0.035 cubic metre. Other ingredients in specified proportion shall be measured using boxes of size 40 x 35 x 25 cm. Sand shall be measured on the basis of its dry volume in the case of volumetric proportioning.

B. Method of mixing: The mixing of mortar shall be done in mechanical mixers operated manually or by power as decided by officer-in-Charge. The officer-in-Charge may, however, permit hand mixing at his discretion taking into account the nature, magnitude and location of the work and practicability of the use of mechanical mixers or where item involving small quantities are to be done or if in his opinion the use of mechanical mixer is not feasible. In cases, where mechanical mixers are not to be used, The contractor shall take permission of the officer-in-Charge in writing before the commencement of the work.

   (a) Mechanical Mixing: Cement and sand in the specified proportions shall be mixed dry thoroughly in a mixer. Water shall then be added gradually and wet mixing continued for at least three minutes. only the required quantity of water shall be added which will produce mortar of workable consistency but not stiff paste. Only the quantity of mortar, which can be used within 30 minutes of its mixing shall be prepared at a time. Mixer shall be cleaned with water each time before suspending the work.

   (b) Hand Mixing: The measured quantity of sand shall be leveled on a clean masonry platform and cement bags emptied on top. The cement and sand shall be thoroughly mixed dry by being turned over and over, backwards and forwards, several times till the mixture is of a uniform colour. The quantity of dry mix which can be used within 30 minutes shall then be mixed in a masonry trough with just sufficient quantity of water to bring the mortar to a stiff paste of necessary working consistency.
C. Precautions: mortar shall be used as soon as possible after mixing and before it begins to set, and in any case within half hour, after the water is added to the dry mixture.

D. 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.

E. Transportation and Handling: Concrete shall be transported from the mixer to the place of laying as rapidly as possible by methods which will prevent the segregation or loss of any of the ingredients and maintaining the required workability. During hot or cold weather, concrete shall be transported in deep containers, other suitable methods to reduce the loss of water by evaporation in hot weather and heat loss in cold weather may also be adopted.

F. Placing: The concrete shall be deposited as nearly as practicable in its final position to avoid rehandling. It shall be laid gently (not thrown) and shall be thoroughly vibrated and compacted before setting commences and should not be subsequently disturbed. Method of placing shall be such as to preclude segregation. Care shall be taken to avoid displacement of reinforcement or movement of form work and damage due to rains. As a general guidance, the maximum free fall of concrete may be taken as 1.5 metre.

G. Compaction: Concrete shall be thoroughly compacted and fully worked around embedded fixtures and into corners of the form work. Compaction shall be done by mechanical vibrator of appropriate type till a dense concrete is obtained. The mechanical vibrators shall conform to IS 2505, IS 2506, IS 2514 and IS 4656. To prevent segregation, over vibration shall be avoided. Compaction shall be completed before the initial setting starts. For the items where mechanical vibrators are not to be used, the contractor shall take permission of the Engineer-in-Charge in writing before the start of the work. After compaction the top surface shall be finished even and smooth with wooden trowel before the concrete begins to set.

H. Construction Joints: Concreting shall be carried out continuously up to construction joints. The position and arrangement of construction joints shall be as shown in the structural drawings or as directed by the Engineer-in-Charge. Number of such joints shall be kept minimum. Joints shall be kept as straight as possible. Construction joints should comply with IS 11817.

I. When the work has to be resumed on a surface which has hardened, such surface shall be roughened. It shall then be swept clean and thoroughly
wetted. For vertical joints, neat cement slurry, of workable consistency by using 2 kgs of cement per sqm shall be applied on the surface before it is dry. For horizontal joints, the surface shall be covered with a layer of mortar about 10-15 mm thick composed of cement and sand in the same ratio as the cement and sand in concrete mix.

5. Curing: Curing is the process of preventing loss of moisture from the concrete. The following methods shall be employed for effecting curing. Water used for mixing and curing shall be clean and free from injurious quantities of alkalies, acids, oils, salts, sugar, organic materials, vegetable growth or other substance that may be deleterious to bricks, stone, concrete or steel. Potable water is generally considered satisfactory for mixing. The pH value of water shall be not less than 6.

   a) Moist Curing: Exposed surfaces of concrete shall be kept continuously in a damp or wet condition by ponding or by covering with a layer of sacking, canvas, Hessian or similar materials and kept constantly wet for at least 7 days from the date of placing concrete in case of ordinary Portland cement and at least 10 days where mineral admixtures or blended cements are used. The period of curing shall not be less than 10 days for concrete exposed to dry and hot weather conditions. In the case of concrete where mineral admixtures or blended cements are used, it is recommended that above minimum periods may be extended to 14 days.

   b) Membrane Curing: Approved curing compounds may be used in lieu of moist curing with the permission of the Engineer-in-Charge. Such compound shall be applied to all exposed surfaces of the concrete as soon as possible after the concrete has set. Impermeable membrane such as polythene sheet covering the concrete surface may also be used to provide effective barrier against the evaporation.

   c) Freshly laid concrete shall be protected from rain by suitable covering.

   d) Over the foundation concrete, the masonry work may be started after 48 hours of its compaction but the curing of exposed surfaces of cement concrete shall be continued along with the masonry work for at least 7 days. And where cement concrete is used as base concrete for flooring, the flooring may be commenced before the curing period of base concrete is over but the curing of base concrete shall be continued along with top layer of flooring for a minimum period of 7 days.

6. Finishes Plastering and special finishes other than those, obtained through form work shall be specified and paid for separately unless otherwise specified.

7. Durability of Concrete: A durable concrete is one that performs satisfactorily in the working environment during its anticipated exposure conditions during service life. The materials and mix proportions shall be such as to maintain its integrity and, if applicable, to protect reinforcement from corrosion.

   The factors influencing durability include:

   (a) The environment;
   (b) The cover to embedded steel;
   (c) The type and quality of constituent materials;
   (d) The cement content and water/cement ratio of the concrete;
(e) Workmanship, to obtain full compaction and efficient curing; and
(f) The shape and size of the member

IV) REINFORCED CEMENT CONCRETE WORK

Concrete shall consist of a mix of 1:2:4 (1 cement : 2 coarse and : 4 graded stone aggregate of 12.5 mm nominal size) unless a richer mix is specified. The mix shall be poured solidly around the steel sections and around the wrapping by vibrating the concrete into position. Consistency of concrete, Placing of concrete and its compaction, curing, finishing and strength of concrete shall be as described in sub sections of clause III

1. Reinforcement shall be clear and free from loose mill scales, dust, loose rust, coats of paints, oil or other coating which may destroy or reduce bond. It shall be stored in such a way as to avoid distortion and to prevent deterioration and corrosion. Prior to assembly of reinforcement on no account any oily substance shall be used for removing the rust.

2. Bars shall be bent correctly and accurately to the size and shape as shown in the detailed drawing or as directed by officer- in-Charge/Architect. Preferably bars of full length shall be used. Necessary cutting and straightening is also included. Overlapping of bars, where necessary shall be done as directed by the office-in-Charge/Architect.

3. The overlapping bars shall not touch each other and these shall be kept apart with concrete between them by 25mm or 11/4 times the maximum size of the coarse aggregate whichever is greater. But where this is not possible, the overlapping bars shall be bound together at intervals not exceeding twice the dia. of such bars with two strands annealed steel wire of 0.90 mm to 1.6 mm twisted tight. The overlaps/ splices shall be staggered as per directions of the officer-in-Charge/Architect. But in no case the overlapping shall be provided in more than 50% of cross sectional area at one section.

4. Bonds and Hooks Forming End Anchorages: Reinforcement shall be bent and fixed in accordance with procedure specified in IS 2502, code of practice of bending and fixing of bars for concrete reinforcement. The details of bends and hooks are shown below for guidance.

5. (a) U-Type Hook In case of mild steel plain bars standard U type hook shall be provided by bending ends of rod into semicircular hooks having clear diameter equal to four times the diameter of the bar.

6. Note: In case of work in seismic zone, the size of hooks at the end of the rod shall be eight times the diameter of bar or as given in the structural drawings.

7. (b) Bends : Bend forming anchorage to a M.S. plain bar shall be bent with and internal radius equal to two times the diameter of the bar with a minimum length beyond the bend equal to four times the diameter of the bar.

5. Anchoring Bars in Tension : Deformed bars may be used without end anchorages provided, development length equipment is satisfied. Hooks should normally be provided for plain bars in tension. Development length of bars will be determined as per IS: 456.
6. **Anchoring Bars in Compression**: The anchorage length of straight bar in compression shall be equal to the ‘Development length’ of bars in compression as specified in IS: 456. The projected length of hooks, bend and straight lengths beyond bend, if provided for a bar in compression, shall be considered for development length.

7. **Binders, stirrups, links etc.**: In case of binders, stirrups, links etc. the straight portion beyond the curve at the end shall be not less than eight times the nominal size of bar.

8. **Welding of Bars**: Wherever facility for electric arc welding or gas pressure welding is available, welding of bars shall be done in lieu of overlap. The location and type of welding shall be got approved by the Engineer-in-Charge. Welding shall be as per IS 2751 and 9417.

9. **Placing in Position**: Fabricated reinforcement bars shall be placed in position as shown in the drawings or as directed by the Engineer-in-Charge. The bars crossing one another shall be tied together at every intersection with two strands of annealed steel wire 0.9 to 1.6 mm thickness twisted tight to make the skeleton of the steel work rigid so that the reinforcement does not get displaced during deposition of concrete.

   Tack welding in crossing bars shall also be permitted in lieu of binding with steel wire if approved by Engineer-in-Charge.

   The bars shall be kept in correct position by the following methods:

   In case of columns and walls, the vertical bars shall be kept in position by means of timber templates with slots accurately cut in them: or with clock of cement mortar 1:2 (1 cement: 2 coarse sand) of required size suitable tied to the reinforcement to ensure that they are in correct position during concreting.

10. Minimum M-25 grade of concrete shall be used in all structural elements made with RCC both in load bearing and framed structure.

11. **Form Work**: Form work shall include all temporary or permanent forms or moulds required for forming the concrete which is cast-in-situ, together with all temporary construction required for their support.

12. **Shuttering**: Shuttering used shall be of sufficient stiffness to avoid excessive deflection and joints shall be tightly butted to avoid leakage of slurry. If required, rubberized lining of material as approved by the Engineer-in-Charge shall be provided in the joints. Steel shuttering used or concreting should be sufficiently stiffened. The steel shuttering should also be properly repaired before use and properly cleaned to avoid stains, honey combing, seepage of slurry through joints etc. Proper form work should be adopted for concreting so as to avoid honey combing, blow holes, grout loss, stains or discoloration of concrete etc. Proper and accurate alignment and profile of finished concrete surface will be ensured by proper designing and erection of form work which will be approved by Engineer-in-Charge. Shuttering surface before concreting should be free from any defect/ deposits and full cleaned so as to give perfectly straight smooth concrete surface. Shuttering surface should be therefore checked for any damage to its surface and excessive roughness before use.

V) **BRICK WORK**
i. Mortar  The mortar for the brick work shall be as specified, and conform to accepted standards. Lime shall not be used where reinforcement is provided in brick work.

ii) Soaking of Bricks  Bricks shall be soaked in water before use for a period for the water to just penetrate the whole depth of the bricks. Alternatively bricks may be adequately soaked in stacks by profusely spraying with clean water at regular intervals for a period not less than six hours. The bricks required for masonry work using mud mortar shall not be soaked. When the bricks are soaked they shall be removed from the tank sufficiently early so that at the time of laying they are skin -dry. Such soaked bricks shall be stacked on a clean place where they are not again spoiled by dirt earth etc.

Note I: The period of soaking may be easily found at site by a field test in which the bricks are soaked in water for different periods and then broken to find the extent of water penetration. The least period that corresponds to complete soaking will be the one to be allowed for in construction work.

Note II: If the bricks are soaked for the required time in water that is frequently changed the soluble salt in the bricks will be leached out, and subsequently efflorescence will be reduced.

iii) Laying  Bricks shall be laid in English Bond unless otherwise specified. For brick work in half brick wall, bricks shall be laid in stretcher bond. Half or cut bricks shall not be used except as closer where necessary to complete the bond. Closers in such cases, shall be cut to the required size and used near the ends of the wall. Header bond shall be used preferably in all courses in curved plan for ensuring better alignment.

Note: Header bond shall also be used in foundation footings unless thickness of walls (width of footing) makes the use of headers impracticable. Where thickness of footing is uniform for a number of courses, the top course of footing shall be headers.

iv) All loose materials, dirt and set lumps of mortar which may be lying over the surface on which brick work is to be freshly started, shall be removed with a wire brush and surface wetted. Bricks shall be laid on a full bed of mortar, when laying, each brick shall be properly bedded and set in position by gently pressing with the handle of a trowel. Its inside face shall be buttered with mortar before the next brick is laid and pressed against it. Joints shall be fully filled and packed with mortar such that no hollow space are left inside the joints.

v) The walls shall be taken up truly in plumb or true to the required batter where specified. All courses shall be laid truly horizontal and all vertical joints shall be truly vertical. Vertical joints in the alternate course shall come directly one over the other. Quoin, Jambs and other angles shall be pro-perly plumbed as the work proceeds. Care shall be taken to keep the perpends properly aligned within following maximum permissible tolerances :

(a) Deviation from vertical within a storey shall not exceed 6 mm per 3 m height.
(b) Deviation in verticality in total height of any wall of building more than one storey in height shall not exceed 12.5 mm.
(c) Deviation from position shown on plan of any brick work shall not exceed 12.5 mm.
(d) Relative displacement between load bearing wall in adjacent storeys intended to be vertical alignments shall not exceed 6 mm.
(e) A set of tools comprising of wooden straight edge, masonic spirit levels, square, 1 metre rule line and plumb shall be kept on the site of work for every 3 masons for proper check during the progress of work.

vi) All quoins shall be accurately constructed and the height of brick courses shall be kept uniform. This will be checked using graduated wooden straight edge or storey rod indicating height of each course including thickness of joints. The position of damp proof course, window sills, bottom of lintels, top of the wall etc. along the height of the wall shall be marked on the graduated straight edge or storey rod. Acute and obtuse quoins shall be bonded, where practicable in the same way as square quoins. Obtuse quoins shall be formed with squint showing three quarters brick on one face and quarter brick on the other.

vii) The brick work shall be built in uniform layers. No part of the wall during its construction shall rise more than one metre above the general construction level. Parts of wall left at different levels shall be raked back at an angle of 45 degrees or less with the horizontal. Tooothing shall not be permitted as an alternative to raking back. For half brick partition to be keyed into main walls, indents shall be left in the main walls.

viii) All pipe fittings and specials, spouts, hold fasts and other fixtures which are required to be built into the walls shall be embedded, as specified, in their correct position as the work proceeds unless otherwise directed by the Engineer-in-Charge.

ix) Top courses of all plinths, parapets, steps and top of walls below floor and roof slabs shall be laid with brick on edge, unless specified otherwise. Brick on edge laid in the top courses at corner of walls shall be

x) Top of the brickwork in coping and sills in external walls shall be slightly tilted. Where brick coping and sills are projecting beyond the face of the wall, drip course/throating (to be paid separately) shall be provided where indicate

Vertical reinforcement in the form of bars (MS or high strength deformed bars or thermo-mechanically treated bars as per direction of Engineer-in- Charge)), considered necessary at the corners and junction of walls and jamb opening doors, windows etc. shall be encased with cement mortar not leaner than 1:4 (1 cement : 4 coarse sand), or cement concrete mix as specified. The reinforcement shall be suitably tied, properly embedded in the foundation and at roof level. The dia. of bars shall not be less than 8 mm and concrete grade shall be minimum 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).

xi) In retaining walls and the like, where water is likely to accumulate, weep holes, 50 to 75 mm square shall be provided at 2 m vertically and horizontally unless otherwise specified. The lowest weep hole shall be at about 30 cm above the ground level. All weep holes shall be surrounded by loose stones and shall have sufficient fall to drain out the water quickly.

xii) Joints The thickness of all types of joints including brick wall joints and cross joints shall be such that four course and three joints taken consecutively shall measure as follows:

(i) In case of modular bricks conforming to IS 1077 specification for common burnt clay buildings bricks, equal to 39 cm.

(ii) In case of non-modular bricks, it shall be equal to 31 cm.

Note : Specified thickness of joints shall be of 1 cm. Deviation from the specified
thickness of all joints shall not exceed one-fifth of specified thickness.

xiii) Finishing of Joints: The face of brick work may be finished flush or by pointing. In flush finishing either the face joints of the mortar shall be worked out while still green to give a finished surface flush with the face of the brick work or the joints shall be squarely raked out to a depth of 1 cm while the mortar is still green for subsequently plastering. The faces of brick work shall be cleaned with wire brush so as to remove any splashes of mortar during the course of raising the brick work. In pointing, the joints shall be squarely raked out to a depth of 1.5 cm while the mortar is still green and raked joints shall be brushed to remove dust and loose particles and well wetted, and shall be later refilled with mortar to give ruled finish. Some such finishes are ‘flush’, ‘weathered’, ruled, etc.

xiv) Curing: The brick work shall be constantly kept moist on all faces for a minimum period of seven days. Brick work done during the day shall be suitably marked indicating the date on which the work is done so as to keep a watch on the curing period.

xv) Scaffolding: Scaffolding shall be strong to withstand all dead, live and impact loads which are likely to come on them. Scaffolding shall be provided to allow easy approach to every part of the work.

xvi) Single Scaffolding: Where plastering, pointing or any other finishing has been indicated for brick work, single scaffolding may be provided, unless otherwise specified. In single scaffolding, one end of the putlogs/pole shall rest in the hole provided in the header course of brick masonry. Not more than one header for each put-log/pole shall be left out. Such holes shall not be allowed in the case of pillars, brick work less than one metre in length between the openings or near the skew backs of arches or immediately under or near the structural member supported by the walls. The holes for putlogs/poles shall be made good with brick work and wall finishing as specified.

xvii) Double Scaffolding: Where the brick work or tile work is to be exposed and not to be finished with plastering etc. double scaffolding having two independent supports, clear of the work, shall be provided.

VI) RANDOM RUBBLE STONE MASONRY

i) Stone: The stone shall be of the type specified such as granite, trap, limestone, sand stone, quartzite, etc. and shall be obtained from the quarries, approved by the Engineer-in-Charge. Stone shall be hard, sound, durable and free from weathering decay and defects like cavities, cracks, flaws, sand holes, injurious veins, patches of loose or soft materials and other similar defects that may adversely affect its strength and appearance. As far as possible stones shall be of uniform colour, quality or texture. Generally stone shall not contain crypt crystalline silica or chart, mica and other deleterious materials like iron-oxide organic impurities etc. Stones with round surface shall not be used.

Random Rubble Masonry shall be uncoursed or brought to courses as specified. Uncoursed random rubble masonry shall be constructed with stones of sizes and shapes picked up random from the stones brought from the approved quarry. Stones having sharp corners or round surfaces shall, however, not be used.

Random rubble masonry brought to the course is similar to uncoursed random rubble masonry except that the courses are roughly levelled at intervals varying from
300 mm to 900 mm in height according to the size of stones used.

**ii) Dressing** Each stone shall be hammer dressed on the face, the sides and the beds. Hammer dressing shall enable the stones to be laid close to neighbouring stones such that the bushing in the face shall not project more than 40 mm on the exposed face.

(a) Face stone: At least 25% stones shall be headers tailing into the work at least 2/3rd the thickness of wall in super structure masonry. Such stones shall not be less than 200 sq. cm in cross sections.

(b) Hearting Stones: The hearting or interior filling of a wall face shall consist of rubble stones not less than 150 mm in any direction, carefully laid, hammered down with a wooden mallet into position and solidly bedded in mortar. The hearting should be laid nearly level with facing and backing.

(c) Quoin Stone: Quoin stone shall be less than 0.03 cum in volume.

(d) Jamb stones: The jambs shall not be made with stones specified for quoins except that the stones which were required to be provided at 1 metre centre to centre on both the exposed faces shall here be provided only on the jamb and the length shall be equal to the thickness of the wall for wall upto 60 cm and a line of headers shall be provided for walls thicker than 60 cm as specified for bond.

**iii) Courses** The masonry shall be carried out in regular courses of height not exceeding 50 cm and masonry on any day will not be raised more than 60 cm in height when using mortars having compressive strength less than 20 kg./sq. cm at 28 days and 100 cm when using mortars exceeding this strength.

**iv) Thickness of Joints** The joint thickness shall not exceed 30 mm at any point on the face. Chips of the stone and spalls shall be wedged into seating bed of face stones to avoid excessive bed thickness. No pinning shall be allowed to avoid excessive joint thickness.

**v) Laying** Stone shall be laid on their natural bed and shall be solidly bedded full in mortar with close joints, chips of stone spalls be wedged into the work wherever necessary. No dry work or hollow spaces shall be allowed and every stone whether large or small shall be carefully selected to fit snugly the interstices between the large stones. Masonry shall be built breaking joints in all the three directions. Bond stone and headers shall be properly laid into the work and shall be marked by the contractor with white lead paint.

The masonry work in wall shall be carried up true to plumb or to specified batter.

Random rubble masonry shall be brought to the level courses at plinth, window sills, lintel and roof levels. Levelling shall be done with concrete comprising of one part of the mortar as used for masonry and two parts of graded stone aggregate of 20 mm nominal size.

The masonry in structure shall be carried uniformly. Where the masonry of one part is to be delayed, the work shall be raked back at an angle not steeper than 45°.

**vi) Raking out joints** All the joints on the faces to be pointed or plastered shall be
racked out with racking tool to a depth of 20mm while the mortar is still green.

**vii) Bond Stones** Though bond stones shall be provided in walls up to 600 mm thickness, a set of two or more bond stones overlapping each other by at least 150 mm shall be provided in a line from face to back. In case of highly absorbent types of stones (porous lime stone and sand stone etc.) the bond stone shall extend about two-third into the wall, as through stones in such walls a set of two or more bond stones overlapping each other by at least 150 mm shall be provided. Each bond stone or a set of bond stones shall be provided for every 0.5 m² of the wall surface and shall be provided at 1.5 m to 1.8 m apart clear in every course.

In case of highly absorbent types of stones (porous lime stone and sand stone etc.) single piece bond stones may give rise to dampness. For all thicknesses of such walls a set of two or more bond stones overlapping each other by at least 15 cm shall be provided. Length of each such bond stone shall not be less than two-third of the thickness of the wall.

Where bond stones of suitable lengths are not available pre-cast cement concrete block of 1:3:6 mix (1 cement : 3 coarse sand: 6 graded stone aggregate 20 mm nominal size) of cross section not less than 225 square centimeters and length equal to the thickness.

At least one bond stone or a set of bond stones shall be provided at 1.5 m to 1.8 m apart clear in every course. (Bond stones shall be marked suitably with paint as directed by the Engineer-in-Charge).

**viii) Quoin and Jamb Stones** The quoin and jamb stones shall be of selected stones neatly dressed with hammer or chisel to form the required angle. Quoin stones shall not be less than 0.01 cum in volume. Height of quoins and jamb stones shall not be less than 15 cm. Quoins shall be laid header and stretcher alternatively.

**ix) Joints** Stones shall be so laid that all joints are fully packed with mortar and chips. Face joints shall not be more than 20 mm thick.

The joints shall be struck flush and finished at the time of laying when plastering or pointing is not to be done. For the surfaces to be plastered or pointed, the joints shall be raked to a minimum depth of 20 mm when the mortar is still green.

**x) Scaffolding** Single scaffolding having one set of vertical support shall be allowed. The supports shall be sound and strong, tied together by horizontal pieces, over which the scaffolding planks shall be fixed. The inner end of the horizontal scaffolding member may rest in a hole provided in the masonry. Such holes, however, shall not be allowed in pillars under one metre in width or near the skew back of arches. The holes left in masonry work for supporting scaffolding shall be filled and made good with cement concrete 1 : 3 : 6 (1 cement : 3 coarse sand : 6 stone aggregate 20 mm nominal size).

**xi) Curing** Masonry work in cement or composite mortar shall be kept constantly moist on all faces for a minimum period of seven days. In case of masonry with fat lime mortar curing shall commence two days after laying of masonry and shall continue for at least seven days thereafter.

**xii) Protection** Green work shall be protected from rain by suitable covering. The work shall also be suitably protected from damage, mortar dropping and rain during construction.
Measurements

The length, height and thickness shall be measured correct to a cm. The thickness of wall shall be measured at joints excluding the bushing. Only specified dimensions shall be allowed; anything extra shall be ignored. The quantity shall be calculated in cubic metre nearest to two places of decimal.

V) Painting
1. The entire work shall have to be of good quality. The contractor shall use materials of readymade paints of best quality and of approved manufacturers. The Contractor will not be permitted to carry out any mixing at site except for addition of thinners for thinning the paint.
2. Rates shall be inclusive of doing plaster patch work (not exceeding 0.1 sqm for each patch) and also making up the broken arise, edge of walls, columns, beams, sills, ceiling, etc. so as to match the existing surface.
3. Special care shall be taken by providing suitable covers, tarpaulins etc. to prevent dust nuisance.
4. The contractor has to wash & clean the floors after his work in the area that has been completed.
5. No further coat shall be applied, till previous coat has completely dried up.
6. Additional coats shall have to be given without any extra cost, if instructed by the Bank, over and above the number of coats prescribed till the surface presents smooth and uniform finish.
7. The contractor should include the cost of erecting scaffoldings, ladder, etc. as required.
8. MEASUREMENTS FOR PAINTING: The measurements will be carried out as per IS code of measurements.

VI) 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 patch plastered, shall be wetted thoroughly and if plain, shall be roughened up by hacking.
c. The plastering shall be done as directed. The finishing coat shall match with 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 1:6 (one part cement to six 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 shall be grooved as directed and should be filled by polymer modified cementations repair mortar such as Roffe Plaster coat R 03 & 05 or equivalent make, as per manufacturer specifications. 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 FILA" or mentioned in schedule of quantities specifications. The rates quoted for respective items shall be inclusive of this operation.

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

VII) Application of Wall Care Putty.

i) The plastered surface after scrapping and patch plastering has to be brought to level by applying one coat of Birla putty MF to required thickness (not more than 3mm thickness). If more thickness is required to make the surface level in any areas, then the same has to be done in more than one coat of Birla Putty MF as per manufacturer specifications.

ii) Then make the surface even & smooth with one or two coats of Birla Putty SF to required thickness (not more than 1.5mm thick). The unevenness on the surface may be removed by gently levelling the surface with very fine water proof emery paper, not less than 500 number, to get a glossy white surface. The surface should be brought to proper line and level to such an extent that no undulations could be visible and all the edges and corners should be finished very sharp to look like a narrow hair line.

VIII) SAMPLES FOR APPROVAL
Contractor, before supply of material should show the samples of all the materials to the bank and get it approved.

IX) SAFETY CODE
- The Contractor shall maintain in a readily accessible place first aid appliances including adequate supply of sterilized dressings and cotton wool.
- An injured person shall be taken to a public hospital without loss of time, in cases where the injury necessitates hospitalization.
- No portable single ladder shall be over 8 meters in length. The width between the side rails shall not be less than 30 cm. Clear and the distance between two adjacent rungs shall not be more than 30 cm. When a ladder is used an extra mazdoor shall be engaged for holding the ladder.
- Every opening in the floor of a building or in a working platform be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing whose minimum height shall be one meter.
- Workers employed on mixing and handling material such as asphalt, cement, mortar shall be provided with protective footwear and rubber hand gloves.
- Hoisting machine and tackle used in the works, including their attachments, anchorage and supports shall be in perfect condition.
- The Employer reserves the right to instruct the Contractors to take additional safety precautions if found necessary.
- All workers shall be provided with helmet, Safety Shoes and Safety belts.
DECLARATION BY THE CONTRACTOR

We / I have read and understood all the instructions / conditions made above and we / I have taken into account the above Instructions / Terms and Conditions while quoting the rates. We / I accept all the above Terms and Conditions without any reservation, in all respects.

Place :

DATE :

(SIGNATURE OF THE TENDERER)
ADDRESS :
NAME and SEAL
LIST OF APPROVED MAKE OF MATERIALS / TRADE.

Unless otherwise mentioned any one of the approved makes or brands shall be allowed to be used. Other specific equivalent brands with BIS mark may be allowed to be used if approved by NABARD.

The tenderer shall distinctly understand that it will not be their prerogative to insist on a particular brand from the list. Final selection will be done with the approval of NABARD.

If the schedule of quantities prescribes a particular brand of materials or fittings, the same shall be considered while quoting the rates.

<table>
<thead>
<tr>
<th>Sl No</th>
<th>Material</th>
<th>Approved Make</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Cement</td>
<td>ACC Cements, Ultra-tech Cements, Gujarat Ambuja or approved equivalent</td>
</tr>
<tr>
<td>2</td>
<td>Sand</td>
<td>Well washed M sand for masonry work and Well washed Plastering MSand for plastering works. All M Sand to be free from Quarry dust</td>
</tr>
<tr>
<td>3</td>
<td>Wall Putty</td>
<td>Birla White / JK White or approved equivalent</td>
</tr>
<tr>
<td>4</td>
<td>Brick</td>
<td>First quality country burnt RED bricks</td>
</tr>
<tr>
<td>5</td>
<td>White Cement</td>
<td>Birla White, J K or approved equivalent</td>
</tr>
<tr>
<td>6</td>
<td>Synthetic Enamel Paint</td>
<td>Kansai Nerolac, Asian Paints, MRF, Killick Nixon, Jenson &amp; Nicholson, ICI, Berger, Shalimar or equivalent approved</td>
</tr>
<tr>
<td>7</td>
<td>Interior Acrylic Emulsion Paint</td>
<td>Premium emulsion of Asian Paint / Beauty Gold washable emulsion of Nerolac or approved equivalent.</td>
</tr>
<tr>
<td>8</td>
<td>CPVC Pipes/fittings</td>
<td>Finolex/Supreme/Ashirvad or approved equivalent</td>
</tr>
<tr>
<td>9</td>
<td>Reinforcement steel</td>
<td>HYSD – FE 500 D bars conforming to IS 456. JSW Panther, TATA, VIZAG.</td>
</tr>
<tr>
<td>10</td>
<td>20 mm Aggregate</td>
<td>Well graded 20 mm blue aggregate</td>
</tr>
</tbody>
</table>

I / We agree to execute the work with the supply of materials as per the specifications indicated above.

Place :
DATE :

(SIGNATURE OF THE TENDERER)
ADDRESS :
ANNEXURE -I
ARTICLES OF AGREEMENT
(On a Rs 200/- Non-Judicial stamp paper)

THIS ARTICLES OF AGREEMENT made on the ____________ day of the month ________________ between the National Bank for Agriculture and Rural Development having its Kerala Regional Office at Thiruvananthapuram- 695001 (hereinafter referred to as “the Employer”) on the one part

and

__________________________________________________________
__________________________________________________________
__________________________________________________________
__________________________________________________________
__________________________________________________________

___________________________ (hereinafter referred to as “the Contractor”) on the other.

WHEREAS the Employer is desirous of carrying out the………………………………………………………………………………………

… has caused specifications describing the work to be done.

AND WHEREAS the said specifications and the Schedule of Quantities have been signed by or on behalf of the parties hereto. AND WHEREAS the Contractor has agreed to execute upon the subject to the Conditions set forth herein 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 hereinafter referred to as “the said Conditions”) the works shown upon the said Drawings and / or described in the said specifications and included in the Schedules of Quantities at the respective rates therein set forth amounting to the sum as therein arrived at or such other sum as shall become payable thereunder (herein after referred to as “the said Contract Amount”).

NOW IT IS HEREBY AGREED AS FOLLOWS

1. In consideration of the said Contract Amount to be paid at the times and in the manner set forth in the said Conditions, the Contractor shall upon and subject to the said Conditions execute and complete the work shown upon the said drawings and described in the said Specifications and the Schedule of Quantities.

2. The Employer shall pay the Contractor the said Contract Amount, or such other sum as shall become payable, at the times and in the manner specified in the said conditions.

3. In the said conditions herein before mentioned, the Chief General Manager, NABARD Kerala Regional Office, Thiruvananthapuram shall act on behalf of the employer.
4. The said Conditions and Appendix thereto shall be read and construed as forming part of this Agreement, and the parties hereto shall respectively abide by, submit themselves to the said Conditions and perform the agreements on their part respectively in the said Conditions contained.

5. The agreement and documents mentioned herein shall form the basis of this Contract.

6. This Contract is neither a fixed Lump sum Contract nor a piece work Contract but is a Contract to carry out renovation work to be paid for according to actual measured quantities at the rates contained in the Schedule of Rates and probable quantities or as provided in the said conditions.

7. The Contractor shall make good any damages done to walls, floors, etc., after the completion of such works.

8. The Employer reserves to itself the right of altering the nature of the work by adding to or omitting any items of work or having portions of the same carried out without prejudice to this Contract.

9. Time shall be considered as the essence of this Contract and the Contractor hereby agrees to commence the work soon after the site is handed over to him or from tenth day after the date of issue of formal work orders as provided for in the said Conditions whichever is later and to complete the entire work within three months subject nevertheless to the provisions for extension of time.

10. All payments by the Employer under this contract will be made only at Thiruvananthapuram.

11. All disputes arising out of or in any way connected with this agreement shall be deemed to have arisen at Thiruvananthapuram, and only Courts at Thiruvananthapuram shall have jurisdiction to determine the same. It is agreed that the Contractor shall not delay the carrying out of the works by reason of any such matter, question or disputes being referred to the Courts.

12. That the several parts of the Contract have been read by the Contractor and fully understood by the Contractor.

**Signature Clause:**

**SIGNED AND DELIVERED BY**

By the hand of shri

____________________________________

(Name and Signature)

____________________________________ in the presence of

(1)________________________________________

Address __________________________________
(2) ______________________________________________________
Address ________________________________________________
(Witness)

SIGNED AND DELIVERED BY THE NATIONAL BANK FOR
AGRICULTURE AND RURAL DEVELOPMENT
By the hand of Shri
________________________________________________________
(Name and Designation)
____________________________________________________ in the presence of
(1) ____________________________________________________
Address ________________________________________________
(2)
_______________________________________________________Address
____________________________________________________ (witness)
ANNEXURE-II

VIRTUAL COMPLETION CERTIFICATE

Having executed the work in terms of the contract, we hereby certify and affirm that we have virtually completed the contracted works.

We hereby certify that the work has been executed wholly to our satisfaction and with materials and workmanship in accordance with the contract.

We do certify further that we have executed the work in accordance with the applicable laws and without any transgression of such laws.

Signature of the Contractor / Tenderer:

Name:

Address:

Seal:

Place:

Date:
ANNEXURE - III
LETTER OF INDEMNITY AND UNDERTAKING
(to be submitted by the successful Tenderer)

The Chief General Manager,
National Bank for Agriculture and Rural Development
Kerala Regional Office,
Punnen Road, Statue, Post Box No.220
Thiruvananthapuram -695001

Dear Sir,

“Tender for Re-Wiring of Common Area Light Points at the Staff Quarters-
NABARD Gardens, Dr. Pai Road, Poojapura, Thiruvananthapuram, Kerala –
695012”

WHEREAS the National Bank for Agriculture and Rural Development, a corporation
established under the National Bank for Agriculture and Rural Development Act,
1981 (hereinafter referred to as ‘NABARD’) has expressed desire to
avail ______(type of procurement) at ____ (place) as per the
Schedule hereunder written and which are hereinafter for brevity sake referred to as
____________, subject to our furnishing declarations and indemnity as contained
hereafter.

NOW THEREFORE THIS LETTER OR INDEMNITY WITNESSETH THAT:

We, the____(Tenderer) hereby declare and certify that we are the rightful owners/
licensees of the said article/ service/ solution offered for sale to NABARD and that the
sale of the said article/ service/ solution to NABARD by us and the use thereof by
NABARD does not infringe the property or other intellectual property or copy rights of
any other person and that the same does not infringe the Copy of Rights Act, 1957 or
any other Act for the time being in force.

We, the said ____ (Tenderer) hereby agree to indemnify and keep indemnified and
harmless NABARD, its Officers, servants, agents and other authorized persons against
any action that may be brought against us for infringement of the right of property or
other intellectual property or copy rights in respect of the said systems package
supplied by us to NABARD and will defend the same at our cost and consequences and
will pay or reimburse NABARD, its officers, servants, agents and other authorized
persons from all costs and other expenses that they may be put to or incur in that
connection in accordance with the terms as provided for within the end User License
Agreement that accompanies the said systems.
We, the said______(Tenderer) hereby also agree to indemnify and keep indemnified and harmless NABARD, its Officers, servants, agents and other authorized persons against any third party claims in respect of any damages or compensation payable in consequences of any accident or injury sustained or suffered by our employees or agents, or by any other third party resulting from or by any action, omission, or operation conducted by or on behalf of us and against any and all claims by employees, workmen, contractors, subcontractors, suppliers, agent(s), employed, engaged, or otherwise working for us, in respect of any and all claims under the Labour Laws including wages, salaries, remuneration, compensation or like.

SCHEDULE (Please list all the hardware supplied to NABARD for providing this service on a separate sheet)

Yours faithfully

(Name and Designation) of
## Annexure IV
### Basic Information

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Particulars</th>
<th>Tenderers Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Name of the Applicant/ Organization and address of Registered Office</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Year of establishment</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Type of the Organisation (like Sole Proprietorship, Partnership, Private Limited Company, Limited Company, or Cooperative Society, etc.)</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Name of the Proprietor/ Partners/ Directors of the Organisation/ Firm</td>
<td>1. 2. 3. 4. 5.</td>
</tr>
<tr>
<td>5.</td>
<td>Details of Registration</td>
<td>a) b) c) d)</td>
</tr>
<tr>
<td></td>
<td>a) Whether registered as partnership firm or company, etc.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>b) Name of Registering Authority</td>
<td></td>
</tr>
<tr>
<td></td>
<td>c) Registration No.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>d) Date of Registration</td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td>Whether registered/ empaneled for similar works with:</td>
<td>a) b) c)</td>
</tr>
<tr>
<td></td>
<td>a) Government/ Semi-Government/ Municipal Authorities or any other Public Organisation (Yes/No)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>b) If yes, name of authority; and</td>
<td></td>
</tr>
<tr>
<td></td>
<td>c) Since when</td>
<td></td>
</tr>
<tr>
<td>7.</td>
<td>Details of experience in the field of civil construction</td>
<td></td>
</tr>
<tr>
<td>8.</td>
<td>a) Areas of business activities, other than civil construction, if any, and</td>
<td>a)</td>
</tr>
<tr>
<td></td>
<td>b) Place and address of such business</td>
<td>b)</td>
</tr>
<tr>
<td>9.</td>
<td>a) Address of office through which the proposed work of the Bank will be handled; and</td>
<td></td>
</tr>
<tr>
<td></td>
<td>b) Name &amp; designation of Officer-in-charge</td>
<td></td>
</tr>
<tr>
<td>10.</td>
<td>Adequate and satisfactory evidence to indicate financial capacity of the person/ Organisation to undertake the said construction work</td>
<td></td>
</tr>
<tr>
<td>11.</td>
<td>a) Names of bankers</td>
<td></td>
</tr>
<tr>
<td></td>
<td>b) Full address of bankers</td>
<td></td>
</tr>
<tr>
<td>12.</td>
<td>Yearly turnover of the Organisation during the last three years</td>
<td>2019-20 Rs. .........lakh</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2018-19 Rs. .........lakh</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2017-18 Rs. .........lakh</td>
</tr>
</tbody>
</table>
13. Will the applicant be able to provide Bank Guarantee or other equivalent form of security from a scheduled nationalized bank? (Yes/No) 

14. Number of supplementary sheets attached

15. a) Whether any civil suit/ litigation has arisen in the contracts executed by the applicant during the last five years (Yes/No)
b) If yes, please give following information (suit-wise/ project-wise):
   i) Name of the Project & Organisation
   ii) Nature of work
   iii) Work Order No. and Date
   iv) Present stage of work
   v) Value of contract
   vi) Brief details of litigation

Notes: Please attach self-certified copies of the following documents:

a) Latest Income Tax Clearance Certificate 
b) Audited Balance Sheet and Profit & Loss Account for the past three years.

Place: 
DATE: 
(SIGNATURE OF THE TENDERER) 
ADDRESS: 
NAME & SEAL
## Annexure V

### PREVIOUS EXPERIENCE- EXECUTED

a) List of important electrical projects EXECUTED by the organization/applicant during the last seven years costing ₹6.68/8.6/13.37lakh and above as indicated in the prequalification criteria (with emphasis on multi-storied building with controlled concrete and ancillary services)

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name of the Project and Location</th>
<th>Nature of work involved in the contract (e.g. residential, offices, industrial, etc. and No.of storeys)</th>
<th>Name and full postal address of the owner and Architect. Also indicate whether Government or Semi-Govt. or Private body</th>
<th>Contract Amount (Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Completion period (Stipulated)</th>
<th>Completion period (Actual)</th>
<th>Whether work was left incomplete or contract was terminated from either side? Give full details.</th>
<th>Any other relevant information</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Place:  
DATE:  

(SIGNATURE OF THE TENDERER)  
ADDRESS:  

NAME & SEAL
### Annexure VI

**PREVIOUS EXPERIENCE - ON HAND**

b) List of important projects **ON HAND** costing ₹6.68/8.6/13.37 lakh and above as indicated in the prequalification criteria (with emphasis on multi-storied buildings with controlled concrete and ancillary services)

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name of the Project and Location</th>
<th>Nature of work involved in the contract (e.g. residential, offices, industrial, etc. and No. of storeys)</th>
<th>Name and full postal address of the owner and Architect. Also indicate whether Government or Semi-Govt. or Private body</th>
<th>Contract Amount (Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>1.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Completion period (Stipulated)</th>
<th>Completion period (Expected)</th>
<th>Present stage of work with reasons if the work is getting delayed</th>
<th>Any other relevant information</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>1.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Place:
DATE:

(SIGNATURE OF THE TENDERER)
ADDRESS:

NAME & SEAL
Annexure VII

LIST OF AVAILABLE PLANTS, MACHINERIES, EQUIPMENTS, ETC.

<table>
<thead>
<tr>
<th>Sr.No.</th>
<th>Name of Plant/ Machinery/ Equipment and Accessories</th>
<th>Total No.of units/.Sq.mt</th>
<th>No.of units/Sq.mt. that can be spared for Bank’s work</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Concrete Mixers – with capacity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Vibrators</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a) Needle type</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b) Form work/ stab type</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Weigh batcher with capacity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Concrete Cube Testing Equipment</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>with capacity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Steel tubular scaffolding, also indicate the height to which it can be erected</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Slab shuttering area</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a) Steel</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b) Timber</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Pumps with capacity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Air Compressors</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Welding, bar cutting and bending equipment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Floor polishing machines</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Hoists with capacity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Signature of the Applicant

References:
Please give reference with full postal address of two persons (Engineers, Architects or top officials of an organization for whom the applicant has executed construction works of importance), who may be directly contacted by the Bank or by the Bank’s Architects about the ability, competence or capability of the applicant’s organization.

Number of supplementary sheets attached for Part II -

.......  

Place:
DATE:

(SIGNATURE OF THE TENDERER)
ADDRESS:

NAME & SEAL
Annexure VIII

TECHNICAL PERSONNEL AND SPECIAL EXPERIENCE

1. List of applicant’s technical personnel, giving details about their technical qualifications and experience including that in the applicant’s organization

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name</th>
<th>Age</th>
<th>Qualifications</th>
<th>Construction works handled</th>
<th>Nature of experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Names of projects handled costing more than ₹6.68/8.6/13.37 lakh</th>
<th>Date from which employed with the applicant</th>
<th>Indicate special experience such as Advanced Construction Management techniques like CPM/PERT and indicate projects in which such techniques were employed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. Indicate other points, if any, to show applicant’s technical and managerial competency to indicate any important point in applicant’s favour

3. No. of supplementary sheets attached for Part III.

Place:  
DATE:  

(SIGNATURE OF THE TENDERER)  
ADDRESS:  

NAME
ANNEXURE- IX
PROFORMA FOR ELECTRONIC PAYMENT

Details of Bank account to be furnished by the contractor/service provider for effecting payment

Name and address of contractor/service provider with phone nos.

<table>
<thead>
<tr>
<th>No.</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Name of the account holder (As appearing in the Bank account)</td>
</tr>
<tr>
<td>2</td>
<td>Name of the Bank</td>
</tr>
<tr>
<td>3</td>
<td>Name of the Branch</td>
</tr>
<tr>
<td>4</td>
<td>Account number</td>
</tr>
<tr>
<td>5</td>
<td>RTGS/ NEFT/ IFS Code</td>
</tr>
<tr>
<td>6</td>
<td>Type of account (Savings, current, etc.)</td>
</tr>
<tr>
<td>7</td>
<td>PAN Number</td>
</tr>
<tr>
<td>8</td>
<td>GSTN Number</td>
</tr>
</tbody>
</table>

Please attach (1) a photocopy of one cancelled cheque leaf of the above Bank account and (2) copy of PAN card and (3) allotment letter/registration letter under GSTN.

Place:
DATE:

(SIGNATURE OF THE TENDERER)
ADDRESS:

NAME
गाँव बढ़े तो देश बढ़े

www.nabard.org
Taking Rural India >> Forward
गाँव बढ़े >> तो देश बढ़े