National High-Speed Rail Corporation Limited (NHSRCL)

(A Joint Sector Company of Govt. of India and Participating State Governments)

Construction of Compound wall at in HSR Boundary near Shilphata in connection with proposed Mumbai- Ahmedabad High Speed Rail (MAHSR) project.

Tender No.: NHSRCL/ MUMBAI/WKS/19-20/05

TENDER DOCUMENT
(Single Stage Two Packet)

2019-2020

National High Speed Rail Corporation Limited
1105-1106, Eleventh Floor, Univeral Majestic Building, P.L Lokhande Marg, Chembur (West)
Mumbai - 400 043.
<table>
<thead>
<tr>
<th>TABLE OF CONTENTS</th>
<th>PAGE NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PART I : TECHNICAL BID</strong></td>
<td></td>
</tr>
<tr>
<td>1. BID SUMMARY</td>
<td>7</td>
</tr>
<tr>
<td>2. NOTICE INVITING TENDER</td>
<td>11</td>
</tr>
<tr>
<td>3. BIDDING APPLICATION</td>
<td>17</td>
</tr>
<tr>
<td>4. INSTRUCTIONS TO TENDERERS (ITT)</td>
<td>21</td>
</tr>
<tr>
<td>5. TERMS OF REFERENCE / SCOPE OF WORK</td>
<td>35</td>
</tr>
<tr>
<td>6. GENERAL CONDITIONS OF CONTRACT</td>
<td>39</td>
</tr>
<tr>
<td>7. SPECIAL CONDITIONS OF CONTRACT</td>
<td>43</td>
</tr>
<tr>
<td>8. ADDITIONAL SPECIAL CONDITIONS OF CONTRACT</td>
<td>55</td>
</tr>
<tr>
<td>9. PROFORMAS</td>
<td>59</td>
</tr>
<tr>
<td><strong>PART II: FINACIAL BID</strong></td>
<td></td>
</tr>
<tr>
<td>10. INSTRUCTION TO TENDERERS FOR FILLING BOQ</td>
<td>7</td>
</tr>
<tr>
<td>11. BILL OF QUANTITIES (BOQ)</td>
<td>11</td>
</tr>
<tr>
<td>12. OFFER SHEET</td>
<td>17</td>
</tr>
</tbody>
</table>
PART- 1

TECHNICAL BID

Tender No: NHSRCL/ MUMBAI/WKS/19-20/05

Name of work: Construction of Compound wall at in HSR Boundary near Shilphata in connection with proposed Mumbai- Ahmedabad High Speed Rail (MAHSR) project
## BID SUMMARY

<table>
<thead>
<tr>
<th>Tender Notice No.</th>
<th>NHSRCL/MUMBAI/WKS/19-20/05</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of Work</td>
<td>Construction of Compound wall at in HSR Boundary near Shilphata in connection with proposed Mumbai-Ahmedabad High Speed Rail (MAHSR) project.</td>
</tr>
<tr>
<td>Client/ Employer</td>
<td>National High-Speed Rail Corporation Limited, New Delhi</td>
</tr>
<tr>
<td>Tender to be submitted / deposited / addressed (if it is sent by Post) to the office of</td>
<td>Chief Project Manager, National High Speed Rail Corporation Limited, 1105-1106, Eleventh Floor, P.L Lokhande Marg, Chembur (west), Mumbai - 400 043.</td>
</tr>
<tr>
<td>Estimated Cost</td>
<td>₹ 97,78,127.97 (₹ Ninety Seven Lacs Seventy Eight Thousand One Hundred Twenty Seven and Ninety Seven Paisas Only) including GST</td>
</tr>
<tr>
<td>Cost of Tender document</td>
<td>₹ 5900/- (₹ Five Thousand Nine Hundred only) including GST @18%</td>
</tr>
<tr>
<td>Earnest Money Deposit</td>
<td>₹ 1,95,600/- (₹ One Lacs Ninety Five Thousand Six Hundred Only)</td>
</tr>
<tr>
<td>Completion period</td>
<td>06 (Six months)</td>
</tr>
<tr>
<td>Date and time of issue of tenders from office</td>
<td>10:30 hrs. to 16:00 hrs. on all working days from 20.03.2020 to 09.04.2020</td>
</tr>
<tr>
<td>Date and time of submission of tender</td>
<td>Up to 10.04.2020. up to 11:00 hrs.</td>
</tr>
<tr>
<td>Date and time of opening of Bid</td>
<td>On 10.04.2020 at 11:30 hrs.</td>
</tr>
</tbody>
</table>

National High Speed Rail Corporation Limited  
1105-1106, Eleventh Floor, P.L Lokhande Marg  
Chembur (west), Mumbai - 400 043.
NOTICE INVITING TENDER
(NIT)
National High Speed Rail Corporation Limited  
(A Joint Sector Company of Govt. of India and Participating  
State Government)  

NHSRCL/ MUMBAI/WKS/19-20/05

NOTICE INVITING TENDER

Sub: Construction of Compound wall at in HSR Boundary near Shilphata in connection with proposed Mumbai- Ahmedabad High Speed Rail (MAHSR) project.

1.0 Chief Project Manager, National High Speed Rail Corporation Limited, 1105-1106, Eleventh Floor, P.L Lokhande Marg, Chembur (west), Mumbai - 400 043 invites sealed Tender in prescribed forms for the above mentioned work.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of Work</th>
<th>Time &amp; Date of Submission</th>
<th>Earnest Money Deposit (₹)</th>
<th>Completion Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>Construction of Compound wall at in HSR Boundary near Shilphata in connection with proposed Mumbai-Ahmedabad High Speed Rail (MAHSR) project.</td>
<td>Up to 10.04.2020 at 11:00 hrs.</td>
<td>₹ 1,95,600/- (₹ One Lacs Ninety Five Thousand Six Hundred Only)</td>
<td>06 (Six) Months</td>
</tr>
</tbody>
</table>

2.0 The cost of Tender Document is Rs. 5900/- (₹ Five Thousand Nine Hundred only) including GST @18%, in the form of DD or banker’s cheque from any Nationalized or Scheduled Indian Bank in favour of “National High Speed Rail Corporation Limited”.

The tender documents will be available for download on www.nhsrcl.in under the link “Tenders → Active Tenders” and on CPP portal (https://eprocure.gov.in/cppp/).

The cost of tender document should be submitted along with tender form in the form of Pay Order/Demand Draft payable in favor of M/s National High Speed Rail Corporation Limited at New Delhi. Tenders received without tender fee shall be summarily rejected.

3.0 Completed original tender documents sealed in an envelope super-scribing the name of work; name of the bidder and address of the tender, shall be submitted at NHSRCL’s office at address in Para 1.0 above on or before 11:00 hrs. on 10.04.2020. Tender duly sealed in the prescribed manner above can also be sent through Registered Post/Courier so as to reach at the office address given in para 1.0 above not later than 11:00 hrs. on 10.04.2020. Any tender received later than 11:00 hrs. at NHSRCL’s office at Mumbai on 10.04.2020 shall be rejected and returned to the bidder unopened. Earnest Money Deposit of ₹ 1,95,600/- (₹ One Lacs Ninety Five Thousand Six Hundred Only) may be submitted in the form of Pay Order/Demand Draft payable in favor of M/s National High Speed Rail Corporation Limited at New Delhi. Tenders received without Earnest Money Deposit shall be summarily rejected.

Page 11 Signature of Tenderer
<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4.0</td>
<td>Tender shall be submitted in accordance with the terms of the “Instruction to Tenderers” in the attachment hereto, which forms part of this Notice Inviting Tender.</td>
</tr>
<tr>
<td>5.0</td>
<td>National High Speed Rail Corporation Limited reserves the right to cancel the tender before submission/opening of tender, postpone the tender submission/opening date and to accept/reject any or all tenders without assigning any reasons thereof.</td>
</tr>
<tr>
<td>6.0</td>
<td>Tenderer may note that they are liable to be disqualified at any time during the tendering process in case any of the information furnished by them is not found to be true. The decision of NHSRCL in this regard shall be final and binding.</td>
</tr>
<tr>
<td>7.0</td>
<td>The validity of the offer shall be 90 days from the date of opening of the tender.</td>
</tr>
<tr>
<td>8.0</td>
<td><strong>Eligibility Criteria</strong></td>
</tr>
<tr>
<td></td>
<td>Similar Nature work for the current work will be considered as, “<strong>Any Civil Engineering Work Carried out for Govt/ Semi Govt/ PSU</strong>”</td>
</tr>
<tr>
<td></td>
<td><strong>A. Technical Eligibility criteria</strong></td>
</tr>
<tr>
<td></td>
<td>The tender must have successfully completed any of the following in last 07(seven) years, ending last day of month previous to the one in which tender is invited.</td>
</tr>
<tr>
<td></td>
<td>a. Three similar works costing not less than amount equal to 30% of advertised value of tender, or</td>
</tr>
<tr>
<td></td>
<td>b. Two similar works costing not less than the amount equal to 40% of advertised value of tender, or</td>
</tr>
<tr>
<td></td>
<td>c. One similar work costing not less than the amount equal to 60% of advertised value of the tender.</td>
</tr>
<tr>
<td></td>
<td><strong>Note:</strong></td>
</tr>
<tr>
<td></td>
<td>i) Similar nature of works physically completed within the qualifying period i.e. the last 7 financial years ending last day of month previous to the one in which tender is invited, shall only be considered in evaluating the eligibility criteria.</td>
</tr>
<tr>
<td></td>
<td>ii) The total value of similar nature of works completed during the qualifying period, and not the total payments received within qualifying period, shall be considered.</td>
</tr>
<tr>
<td></td>
<td>iii) In case, final bill of similar nature of works has not been passed and final measurements have not been recorded, the paid amount including statutory deduction is to be considered. If final measurements have been recorded and work has been completed with negative variation, then also the paid amount with statutory deduction is to be considered. However, if final measurements have been recorded and work has been completed with positive variation but variation has not been sanctioned, original value or last sanctioned agreement value whichever is lower shall be considered for judging eligibility.</td>
</tr>
<tr>
<td></td>
<td><strong>B. Financial Eligibility Criteria</strong></td>
</tr>
<tr>
<td></td>
<td>The tenderer must have received contractual payments in the previous three financial years and the current financial year upto the date of opening of tender, at least 150% of the advertised value of the tender. The tenderers shall submit Certificates to this effect which may be an attested Certificate from the concerned department / client and/or Audited Balance Sheet duly certified by the Chartered Accountant etc.</td>
</tr>
</tbody>
</table>
be an attested Certificate from the concerned department / client and/or Audited Balance Sheet duly certified by the Chartered Accountant etc.

Note:

*Works costing less than 50 Lakhs: For works where advertised value is below 50.00 lakhs, but tenderers quoting their offer more than ₹ 50.00 lakhs, eligibility shall be evaluated with reference to face value of tender floated and not value of tender offer.*

If the tenderer does not submit any proof for meeting with the eligibility criteria as given above and Tender Conditions, along with the offer, the same will be considered incomplete and will be summarily rejected.

<table>
<thead>
<tr>
<th>9.0</th>
<th><strong>Pre-bid Meeting</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>No Pre-bid meeting.</td>
<td></td>
</tr>
</tbody>
</table>

| 10.0 | **Rates should be quoted in BOQ only.** Rate quoted elsewhere in the tender document or given in separate envelope shall not be evaluated and tender shall be considered incomplete. |

| 11.0 | **Any special conditions shall be brought out clearly in the forwarding letter.** Any special condition quoted elsewhere in the tender document shall not be considered part of offer. |

| 12.0 | **A notarized affidavit shall be submitted** on non-judicial stamp paper stating that they are not liable to be disqualified and all their statements/documents submitted along with bid are true and factual. Standard format of the affidavit to be submitted by the bidder is enclosed in Instruction to tenderer. |

---

**Chief Project Manager,**  
**National High Speed Rail Corporation Limited**  
**1105-1106, Eleventh Floor, P.L Lokhande Marg**  
**Chembur (west), Mumbai - 400 043.**
BIDDING APPLICATION

To,

NATIONAL HIGH SPEED RAIL CORPORATION LIMITED
Acting through

Chief Project Manager,
National High Speed Rail Corporation Limited
1105-1106, Eleventh Floor, P.L Lokhande Marg
Chembur (west), Mumbai - 400 043.

Dear Sir,

I/We, __________________________ (Name and address of the Tenderer) have read the various terms and conditions of the tender documents attached herewith duly signed by me/us and agree to abide by the same. I/We also agree to keep this tender open for acceptance for a period of 90 days from the date fixed for opening the same.

I/We have quoted our rates in the Bill of Quantities taking into account all the above factors and we offer to do the work "Construction of Compound wall at in HSR Boundary near Shilphata in connection with proposed Mumbai- Ahmedabad High Speed Rail (MAHSR) project." quoted in the attached Bill of Quantities and hereby bind ourselves to complete the work in all respects within time schedule depicted in tender documents from the date of issue of letter of acceptance of tender.

I/We also understand that until a formal Contract Agreement is executed, Letter of Acceptance along with all tender documents shall constitute a binding contract between me/us and National High Speed Rail Corporation Limited.

Thanking you,

Yours faithfully,

Signature __________________________ in capacity of __________________________

_________________________ duly authorised to sign bids for and on behalf of:

_________________________

(In Block capital letters)

Date this ___________ day of ______________ 2020

[Signature of Tenderer]
INSTRUCTIONS TO TENDERER (ITT)
Instructions to Tenderers (ITT)

<table>
<thead>
<tr>
<th>1.0</th>
<th>1.0 General</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1</td>
<td><strong>1.1 Name of the Work:</strong> “Construction of Compound wall at in HSR Boundary near Shilphata in connection with proposed Mumbai- Ahmedabad High Speed Rail (MAHSR) project.”</td>
</tr>
<tr>
<td>1.2</td>
<td>The bidder should accompany the following documents duly sealed in the tender envelope:</td>
</tr>
<tr>
<td></td>
<td>i) Attested copies of Affidavit for sole proprietorship / partnership deed / memorandum and Articles of Association along with details pertaining to place of registration, principal place of business of the firm, etc.</td>
</tr>
<tr>
<td></td>
<td>ii) Attested copy of power of attorney on non judicial stamp paper of appropriate value of the signatory of bid on behalf of the tenderer.</td>
</tr>
<tr>
<td></td>
<td>iii) Earnest Money Deposit of Rs. 1,95,600/- (₹ One Lacs Ninety Five Thousand Six Hundred Only) may be submitted in the form of Pay Order/Demand Draft payable in favour of M/s National High Speed Rail Corporation Limited at New Delhi. Tender received without Earnest Money Deposit shall be summarily rejected.</td>
</tr>
<tr>
<td></td>
<td>iv) Attested copy of Goods and Service Tax Registration (as applicable) &amp; PAN Card.</td>
</tr>
<tr>
<td></td>
<td>v) Details of deployment of resources.</td>
</tr>
<tr>
<td></td>
<td>vi) Last Three financial year’s and current financial year audited Balance Sheet duly certified by Chartered Accountant for eligibility criteria @ 150% of Advertised Cost.</td>
</tr>
<tr>
<td></td>
<td>vii) Copies of the work completion certificates duly attested from the clients for having completed works of similar nature should be as per enclosed format.</td>
</tr>
<tr>
<td></td>
<td>viii) A copy of notarized affidavit non-judicial stamp paper stating that they are not liable to be disqualified and all their statements/ documents submitted along with bid are true and factual. Standard format of the affidavit to be submitted by the bidder is enclosed as Annexure C. Non-submission of a copy of notarised affidavit by the bidder shall result in summarily rejection of his/ their bid. It shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting document duly self-attested by which they/he are/is qualifying the Qualifying Criteria mentioned in the tender document.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1.3</th>
<th>The work is proposed to be executed under the following relationship:</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td><strong>Client / Employer:</strong> National High Speed Rail Corporation Limited, 1106, Eleventh Floor, P.L Lokhande Marg, Chembur (west), Mumbai-400043</td>
</tr>
<tr>
<td>b)</td>
<td><strong>Contractor:</strong> The successful Tenderer to whom the work is awarded shall become the Contractor who will execute the work.</td>
</tr>
<tr>
<td>c)</td>
<td><strong>Engineer in-charge (EIC):</strong> Chief Project Manager, National High Speed Rail Corporation Limited, P.L Lokhande Marg, Chembur (west), Mumbai-400043</td>
</tr>
</tbody>
</table>
1.4 Throughout these bidding documents, the terms “bid” and “tender” and their derivatives (“bidder”/ “Tenderer”) “bid/tendered”, “bidding”/ “tendering” etc. are synonymous. Day means calendar day. Singular also means plural.

1.5 **Scope of Work:** Refer Terms of References and Scope of work.

1.6 Tenderers may carefully note that they are liable to be disqualified at any time during the tendering process in case any of the information furnished by them is found to be in accurate or untrue. Tenderers may carefully note that they are liable to be disqualified at any time during the tendering process in case any of the information furnished by them is found to be inaccurate or untrue.

1.7 A Tenderer shall submit only one bid in the capacity of an Individual or Sole Proprietor, Partnership firm or Company. Violation of this condition is liable to a Tenderer’s disqualification. Joint Venture(s) / Consortium(s) / Association(s) cannot participate in this tender.

1.8 Words importing the singular only also include the plural and vice-versa where the context requires.

1.9 Unless otherwise specifically stated, the masculine gender shall include the feminine and neuter gender and vice versa.

2.0 **Rates / Prices/Costs**
The rates shall be offered in the enclosed “Bill of Quantity” (BOQ). The rates shall include cost of all Materials, labors, tools, plants, and all statutory royalties, fees, taxes etc. complete.

3.0 **BIDDING DOCUMENTS**

3.1 **Content of bidding documents**
The bidding documents include the following:
Notice Inviting Tender (NIT)
Bidding Application
Instruction to Tenderer (ITT)
Special Conditions of Contract (SCC)
Performa
Bill of Quantities

3.2 The bidder is expected to examine all instructions, terms, conditions, forms, specifications and any other information in the bidding documents. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the bidder’s risk and may result in rejection of their bid.

4.0 **COST OF BIDDING**

4.1 The bidder shall bear all costs associated with the preparation and submission of the bid and the Employer will in no case be responsible or liable for these costs regardless of the conduct or the outcome of the bidding process.

5.0 **UNDERSTANDING AND AMENDMENT OF TENDER DOCUMENTS**

5.1 The bidder must obtain for itself on its own responsibility and its own cost all the information including risks, contingencies & other circumstances in execution of the work. It shall also carefully read and understand all its obligations & liabilities given in tender documents.
5.2 The bidder is advised to visit and examine the site where the work is to be executed and its surroundings or other areas as deemed fit by the bidder and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and execution of the contract. The cost of visiting the site and collecting relevant data shall be at the bidder's own expenses. It is a condition of the tender that the Tenderer is deemed to have visited the site and satisfied himself with all the conditions prevailing including any difficulties for executing the work.

5.3 At any time prior to the deadline for submission of bids, Employer may for any reason whether at its own initiative or in response to any request by any prospective bidder amend the bidding documents by issuing Corrigendum, which shall be part of the Tender documents. The amendment shall also be published in NHSRCL website (www.nhsrcl.in) and on CPP portal (https://eprocure.gov.in/cppp/). Non-inclusion of corrigendum shall be considered incomplete submission and such offers shall be liable for rejection.

5.4 Employer may at its discretion extend the deadline for submission of the bids at any time before the time of submission of the bids and the same will be published in NHSRCL website (www.nhsrcl.in) and on CPP portal (https://eprocure.gov.in/cppp/).

6.0 Language of Bid

6.1 The bid prepared by the bidder and all documents related to the bid shall be written in English and the law which this contract is subject to is Indian Law.

7.0 Signing of all Bid Papers and Completing Bill of Quantities

7.1 All the pages of the tender documents, Bill of Quantities and accompanying documents must be properly stamped and signed by the authorized signatory holding the Power of Attorney on each page. (The bidder is to enclose a copy of Power of Attorney).

7.2 The bidder must fill and submit the prices and % rate above or below as per instructions given in Bill of Quantities. He shall not make any addition or alteration.

7.3 Any overwriting, erasures or cancellations shall only be valid, if they are initialed by the signatory (ies) to the bid.

8.0 Deviations

8.1 The bidder should clearly read and understand all the terms and conditions, specifications, corrigendum etc. mentioned in the original tender documents. If the Tenderer has any observations, the same may be indicated in his forwarding letter along with the tender. The Tenderer is advised not to make any corrections, additions or alterations in the original bid documents. If bidder makes any correction in his own entries the same shall be initialed and stamped by him. If this condition is not complied with, bid is liable to be rejected.

9.0 Deadline for submission of tender

9.1 The tender duly filled must be received by Employer at address specified not later than the date and time as mentioned in the "Notice Inviting Tender".

9.2 Any tender related documents received later than the deadline prescribed for submission of tender by Employer shall be rejected.
9.3 Tender brought to the office of Employer later than the deadline prescribed but before the opening time mentioned in the bidding document shall be declared as delayed tender and may be considered by Employer and decided on its merits. The decision of the Employer shall be final and binding.

9.4 Any Tender received after opening of the tender shall be rejected and returned unopened to the Tenderer.

10.0 Withdrawal of tender
10.1 No tender can be withdrawn after submission and during tender validity period.

10.2 Submission of a tender by a Tenderer implies that he had read all the tender documents including amendments if any, visited the site and has made himself aware of the scope and specifications of the work to be done, local conditions and other factors having any bearing the work.

11.0 Sealing and Marking of tender document
11.1 The bid shall be delivered, duly on or before the due date and time, containing the Technical and Financial Bid in two separate sealed envelopes, at the address given in BDS and as described below:

a) The two sealed envelopes one marked “TECHNICAL BID” and other “FINANCIAL BID” (along with the name of work) shall be sealed in a large envelope. This envelope shall mention name of work at the top and the name of the Bidder at the left hand corner of the envelope.

b) The Technical Bid shall comprise Letter of Technical Bid and duly filled and signed, Bidding Forms along with Cost of Bidding Document and Earnest Money Deposit.

c) The Financial Bid must contain the Letter of Financial Bid along with quoted Bill of quantities with rates & amounts duly filled, signed and stamped.

d) The requisite EMD must be submitted along with the Technical Bid. Otherwise, the bid shall be summarily rejected.

The attested copies of the various letters/documentary proofs/statements etc. as applicable should be enclosed with Technical bid and shall be properly indexed.

In addition to the above, the envelope shall also contain the name and address of the bidder to enable bid to be returned unopened, if so required. Bidder must give their complete postal address of correspondence correctly with PIN code. NHSRCL shall not be responsible for any failure of dispatch of letter by the Postal Department.

12.0 Transfer of tender documents
Transfer of Tender documents purchased by one intending Tenderer to another Tenderer is not permissible. Tenderer can submit tender only on the documents purchased by him.

13.0 Earnest money
13.1 Earnest Money Deposit

The Tenderer must furnish the Earnest Money as indicated in Notice Inviting Tender for the work as specified failing which the tender shall be summarily rejected. The Earnest Money may be in any one of the following forms:
a. Pay Order/Demand Draft of any Scheduled Bank in India in favour of National High Speed Rail Corporation Limited payable at New Delhi. It is mandatory for bidders to provide their bankers details (name of bank and branch) along with their own bank details (account no., name of account holder, NEFT / RTGS details).

b. No interest shall be allowed on Earnest Money Deposit.

For the successful Tenderer, earnest money will be retained as part of the security deposit.

13.2 **Forfeiture of Earnest Money:**

The Earnest Money of the successful Tenderer is liable to be forfeited if he fails to: sign the Contract Agreement in accordance with the terms of the tender, or Commence the work within the time period stipulated in the tender.

In case of forfeiture of EMD, the Tenderer shall be debarred from bidding in case of re-invitation of the tenders.

13.3 **Return of Earnest Money:**

Earnest Money in the form of DD/Pay Order shall be directly credited to his bank account through Electronic Fund Transfer, under advice to the bidder.

14.0 **Period of validity of the tender**

14.1 The tender shall remain valid for the period indicated in “NIT” after the date of the opening of the tender. If the Tenderer gives validity period less than that fixed/prescribed by Employer, the tender shall be liable to be rejected.

14.2 Notwithstanding the above clause, Employer may solicit the Tenderers’ consent to an extension of the validity period of the tender. The request and the response shall be made in writing.

15.0 **Submission of tenders**

15.1 The tender shall be submitted on or before the due date and time with all the relevant documents as mentioned in the tender documents and the following:

Forwarding letter of the Tenderer. Any special conditions shall be brought out clearly in the forwarding letter. Any special condition quoted elsewhere in the tender document shall not be considered part of offer.

15.2 Before submitting the tender, the Tenderer/s will be deemed to have satisfied himself by his actual inspection of the site, climatic condition records from state government and/or Indian Meteorological Department and the locality of the works that all conditions liable to be encountered during execution of the works are taken into account and that the rates quoted by the Tenderer/s in the tender schedule are adequate and all-inclusive for the completion of works to the entire satisfaction of the Officer-in-charge.
### Bid opening and evaluation

#### 16.1
Tenders will be opened at the address mentioned in “Notice Inviting Tender” in presence of Tenderers or authorized representatives of Tenderers who wish to attend the opening of tenders. Physical presence during Bid opening is optional.

#### 16.2
Tenderers or their authorized representatives who are present shall sign register in evidence of their attendance.

#### 16.3
Tenderers name, presence or absence of requisite total cost of work quoted or any other details as Employer may consider appropriate will be announced and recorded at the time of bid opening.

### Negotiation

#### 17.1
The Employer/Officer-in-charge reserves the right to negotiate the offer submitted by the Tenderer/s to withdraw certain conditions or to bring down the rates to a reasonable level. The Tenderer must note that during negotiation of rates of items of BOQ can only be reduced and not increased by the Tenderer. In case the Tenderer introduces any new condition or increases rates of any item of BOQ, his negotiated offer is liable to be rejected and the original offer shall remain valid and binding on him.

Should NHSRCL decide to negotiate with view to bring down the rates, the Tenderer called for negotiation should furnish the following form of declaration before the commencement of negotiation.

> “I do declare that in the event of failure of contemplated negotiations relating to Tender No. dated my original tender shall remain open for acceptance on its original terms and conditions.”

### Evaluation of Bid

#### 18.1
The Employer shall examine the bids to determine whether they are complete, whether copy of all relevant documents have been received not later than the prescribed date and time for bid submission and generally in order.

#### 18.2
Arithmetical errors shall be rectified on the following basis. If there is a discrepancy between the unit price and the total price, which is obtained by multiplying the unit price and quantity, or between subtotals and the total price, the unit or subtotal price shall prevail, and the total price shall be corrected.

#### 18.3
Prior to the detailed evaluation, Employer shall determine whether each bid is of acceptable quality, is generally complete and is substantially responsive to the bidding documents. For purposes of this determination, a substantially responsive bid is one that conforms to all the terms, conditions and specifications of the bidding documents without material deviations, objections, conditionality or reservation. A material deviation, objections, conditionality or reservation is one:
That affects in any substantial way the scope, quality or performance of the contract.

That limits in any substantial way, inconsistent with the bidding documents, the Employers’ rights or the successful Bidder’s obligations under the contracts; or

Whose rectification would unfairly affect the competitive position of other Bidders who are presenting substantially responsive bids.

18.4 In case of tenders containing any conditions or deviations or reservations about contents of tender document, Employer may ask for withdrawal of such conditions/deviations/reservations. If the Tenderer does not withdraw such conditions/deviations/reservations, the tender shall be treated as non-responsive. Employer’s decision regarding responsiveness or non-responsiveness of a tender shall be final and binding.

19.0 Canvassing

19.1 No Tenderer is permitted to canvass to Employer on any matter relating to this tender. Any Tenderer found doing so may be disqualified and his bid may be rejected.

20.0 Right to accept any tender or reject all tenders

20.1 Employer/ officer-in-charge reserves the right to accept, split, divide, negotiate, cancel or reject any tender or to annul and reject all tenders at any time prior to the award of the contract without incurring any liability to the affected Tenderers or any obligation to inform affected Tenderer, the grounds of such action.

21.0 Award of contract

21.1 Employer/ officer-in-charge shall notify the successful Tenderer in writing by a Registered Letter/Courier/ Speed Post/FAX or per bearer that his tender has been accepted.

21.2 Letter of Acceptance shall constitute a legal and binding contract between Employer/Officer-in-charge and the Contractor till such time the contract agreement is signed.

22.0 Standard of service (s)

22.1 Tenderer shall carry out the services in conformity with the generally accepted norms and sound standards. Tenderer shall be responsible for the services rendered. In case of any deficiency or otherwise Tenderer shall promptly correct the same.

The Contractor shall indemnify and save harmless NHSRCL from and against all actions, suit proceedings losses, costs, damages, charges, claims and demands of every nature and description brought or recovered against NHSRCL by reason of any act or omission of the Contractor, his agents or employees, in the execution of the works or in his guarding of the same. All sums payable by way of compensation under any of these conditions shall be considered as reasonable compensation to be applied to the actual loss or damage sustained, and whether or not any damage shall have been sustained.

23.0 Completion of work (s)

23.1 The duration of work shall be 06 (Six) months including Mansoon.
| 24.0 | **Quoting the Rate**  
Rates should be quoted in BOQ only in figures and in words. Rate quoted elsewhere in the tender document or given in separate envelope shall not be evaluated and tender shall be considered incomplete. |
| 25.0 | **Special Conditions**  
Any special conditions shall be brought out clearly in the forwarding letter. Any special condition quoted elsewhere in the tender document shall not be considered part of offer. |
ANNEXURE-A

FORMAT FOR WORK EXPERIENCE
(For Technical Eligibility)

(i) The following information should be provided in the format indicated for each reference project for which your company, either individually as a corporate entity or as one of the major companies within a legally contracted by the client.

(ii) The information should be specific & to the point to facilitate a quick and objective decision.

(iii) Certificate from client shall be attached as a proof.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Name of Work</td>
</tr>
<tr>
<td>1a</td>
<td>Date of Start</td>
</tr>
<tr>
<td>1b</td>
<td>Date of Completion (Stipulated/Original)</td>
</tr>
<tr>
<td>1c</td>
<td>Date of Completion (Actual/Final)</td>
</tr>
<tr>
<td>1d</td>
<td>Completion Cost (Actual/Final)</td>
</tr>
<tr>
<td>2</td>
<td>Detail of Client:</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Were services provided as JV/Consortium?</td>
</tr>
<tr>
<td>4</td>
<td>If yes, then exact description of the division of responsibility between you &amp; your Associate.</td>
</tr>
<tr>
<td>5</td>
<td>Whether certificate from Client attached</td>
</tr>
</tbody>
</table>

Signature of Authorised Representative

________________________

Name : _______________________

________________________

Signature of Tenderer
FORMAT FOR LIST OF WORK ON HAND

(i) The following information should be provided in the format indicated for each reference work for which your company, either individually as a corporate entity or as one of the major companies was legally contracted by the client.

(ii) List shall be provided for only those projects where similar work has been executed for last five years.

(iii) The information should be specific & to the point to facilitate a quick and objective decision.

1. List of works in hand:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of Project</th>
<th>Name of Client</th>
<th>Value of Project (Rs)</th>
<th>Whether work executed in JV/Consortium.</th>
<th>Details of work executed.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Signature of Authorised Representative

Name:
ANNEXURE-C

FORMAT FOR AFFIDAVIT TO BE SUBMITTED / UPLOADED BY TENDERER ALONG WITH THE TENDER DOCUMENTS
(To be executed in presence of public notary on non-judicial stamp paper of the value of Rs. 100/- The stamp paper has to be in the name of the tenderer) **

I. ________________________________ (Name and designation) ** appointed as the attorney/authorised signatory of the tenderer (including its constituents),
M/s ______________________ (herein after called tenderer) for the purpose of the Tender documents for the work of as per the tender No. ___________________________ of NHSRCL, do hereby solemnly affirm and state on the behalf of the tenderer including its constituents as under:

1. I/ we the tenderer (s) am/are signing this document after carefully reading the contents.
2. I/ we the tenderer (s) also accept all the conditions of the tender and have signed all the pages in confirmation thereof.
3. I/ we hereby declare that I/we have downloaded the tender documents from NHSRCL website (www.nhsrcl.in) and CPP portal (https://eprocure.gov.in/cppp/).
4. I/we have verified the content of the document from the website & CPP Portal and there is no addition, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenders, execution of work or final payment of contract, the master copy available with the NHSRCL administration shall be final and binding upon me/us.
5. I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
6. I/we also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
7. I/we declare that the information and documents submitted along the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.
8. I/we understand that if the certificates regarding eligibility criteria submitted by us are found to be forged/false or incorrect at any time during process for evaluation of tenders, it shall lead to forfeiture of the tender EMD besides banning of business for a period of up to five year. Further, I/we (insert name of the tenderer) ** and all my/our constituents understand that my/our offer shall be summarily rejected.
9. I/We also understand that if the certificates submitted by us are found to be false/forged or incorrect at any time the award of the contract, it will lead to termination of the contract, along with forfeiture of EMD/SD and performance guarantee besides any other action provided in the contract including banning of business for a period of up to five years.

DEPONENT
SEAL AND SIGNATURE
OF THE TENDERER

VARIFICATION

I/We above named tenderer do hereby solemnly affirm and verify that the contents of my/our above affidavit are true and correct. Nothing has been concealed and no part of it is false.

DEPONENT
SEAL AND SIGNATURE
OF THE TENDERER

Place:
Dated:

** The contents in Italics are only for guidance purpose. Details as appropriate are to be filled in suitably by tenderer.
TERMS OF REFERENCE / SCOPE OF WORK
## Scope of Work

### 1.0 General Information

The land acquisition for the Mumbai Ahmadabad High Speed Rail Project is in final phase. Some land parcels are already acquired and some are likely to be taken over. It is necessary to protect the acquired land with boundary wall/fencing immediately, to avoid encroachment. This works involves the Construction of Compound wall and related work near ch 21.150 at Shilpahta, on Mumbra-Kalamboli-Pune Highway.

### 2.0 Scope of Work

Main scope of work is Construction of Compound wall with RCC columns and Block masonry

- i) Excavation for footings/foundation, plinth beam etc
- ii) Levelling course with plain concrete (CC 1:2:4)
- iii) RCC footings and columns (Grade of Conc. M30)
- iv) RCC plinth beams. (Grade of Conc. M30)
- v) CC block masonry work
- vi) Plaster

b) UCR masonry
c) Structural steel work for gates, barbed wire fencing posts etc.
d) Barbered wire fencing.
e) Other related items to complete the work.

The agency will require to refer, but not limited to

1. Indian Railway standard “General Conditions of Contract 2019”
2. Indian Railway Unified Schedule of Specifications.
3. Indian Railway Unified Standard Schedule Of Rates (USSOR 2011)
4. Schedule of dimensions of NHSRCL
5. Indian Standards as applicable
GENERAL CONDITIONS OF CONTRACT (GCC)
GENERAL CONDITIONS OF CONTRACT

The General Conditions of Contract governing the execution of the works covered by this tender are the "IR Standard General Conditions of Contract, September 2019" of the Engineering Department issued on 06.09.2019 including all corrections and Amendments issued up to date. A copy of the booklet incorporating the above "IR General Conditions of Contract, September 2019" may be perused through the path: www.indianrailways.gov.in/railwayboard >> "About Indian Railways" >> "Railway Board Directorates" >> "Civil Engineering" >> "Policy Matters" >> IR General Conditions of Contract, Sept 2019".

In submitting this tender it would be deemed that the tenderer has kept him fully informed of the provision of IR Standard General Conditions of Contract, Sept 2019 including all corrections and Amendments issued up to date and claim that he is not aware of any amendment or correction slip to IR GCC shall not be entertained.

In case of dissimilarity in the designation mentioned in the IR Standard General Conditions of Contract, Sept 2019 and NHSRCL, officer of equivalent grade of NHSRCL shall be referred.
SPECIAL CONDITIONS
OF CONTRACT
SPECIAL CONDITIONS OF CONTRACT

1.0 Security Deposit:
The Earnest Money deposited by the Contractor with his tender will be retained by the NHSCRCL as part of security for the due and faithful fulfillment of the contract by the contractor. The balance to make up the Security Deposit, the rates for which are given below, may be deposited by the Contractor in cash or may be recovered by percentage deduction from the Contractor's "on account" bills. Provided also that in case of defaulting contractor, the NHSCRCL may retain any amount due for payment to the Contractor on the pending "on account bills" so that the amounts so retained may not exceed 5% of the total value of the contract.

Recovery Of Security Deposit: The Security Deposit/rate of recovery/mode of recovery shall be as under:
(a) Security Deposit for each work should be 5% of the contract value,
(b) The rate of recovery should be at the rate of 10% of the bill amount till the full Security Deposit is recovered,
(c) Security Deposits will be recovered only from the running bills of the contract and no other mode of collecting SD such as SD in the form of instruments like BG (except Note (ii) below); FD etc. shall be accepted towards Security Deposit

Security Deposit shall be returned to the contractor after the expiry of the maintenance period in all the cases other than Note (i) mentioned below and after passing the final bill based on No Claim Certificate with the approval of the Competent Authority. The Competent Authority shall normally be the authority who is competent to sign the contract. If this Competent Authority is of the rank lower than JA Grade, then a JA Grade Officer (concerned with the work) should issue the certificate. The certificate, inter alia, should mention that the work has been completed in all respects and that all the contractual obligations have been fulfilled by the contractor and that there is no due from the contractor to NHSCRCL against the contract concerned. Before releasing the SD, an unconditional and unequivocal 'No Claim Certificate' from the contractor concerned should be obtained.

Note -
(i) After the work is physically completed, Security Deposit recovered from the running bills of a contractor can be returned to him, if he so desires, in lieu of FDR/irrevocable Bank Guarantee for equivalent amount to be submitted by him.
(ii) In case of contracts having value equal to or more than ₹ 50 crore (Rs Fifty crore) the Security Deposit may be deposited as Bank Guarantee Bond also, issued by a scheduled bank after execution of contract documents, but before payment of 1st on account bill. Provided further that the validity of Bank Guarantee Bond shall be extended from time to time, depending upon extension of contract granted in terms of Clause 17 of the Standard General Conditions of Contract.

No interest will be payable upon the Earnest Money and Security Deposit or amounts payable to the Contractor under the Contract but Government Securities deposited in terms of Sub-Clause (1) of this clause will be payable with interest accrued thereon.
2.0 **Performance Guarantee:**
The procedure for obtaining Performance Guarantee is outlined below:

(a) The successful bidder shall have to submit a Performance Guarantee (PG), as per the format provided in IR General Conditions of Contract, September 2019, within 28 (Twenty Eight) days from the date of issue of Letter Of Acceptance (LOA). Extension of time for submission of PG beyond 28 (Twenty Eight) days and up to 60 days from the date of issue of LOA may be given by the Authority who is competent to sign the contract agreement. However, a penal interest of 12% per annum shall be charged for the delay beyond 28 (Twenty Eight) days, i.e. from 29th day after the date of issue of LOA. In case the contractor fails to submit the requisite PG even after 60 days from the date of issue of LOA, the contract shall be terminated duly forfeiting EMD and other dues, if any payable against that contract. The failed contractor shall be debarred from participating in re-tender for that work.

(b) The successful bidder shall submit the Performance Guarantee (PG) in the form of Irrevocable Bank Guarantee amounting to 5% of the contract value:

(c) The Performance Guarantee shall be submitted by the successful bidder after the Letter of Acceptance (LOA) has been issued, but before signing of the contract agreement. This P.G. shall be initially valid up to the stipulated date of completion plus 60 days beyond that. In case, the time for completion of work gets extended, the contractor shall get the validity of P.G. extended to cover such extended time for completion of work plus 60 days.

(d) The value of PG to be submitted by the Contractor will not change for variation up to 25% (either increase or decrease). In case during the course of execution, value of the contract increases by more than 25% of the original contract value, an additional Performance Guarantee amounting to 5% (five percent) for the excess value over the original contract value shall be deposited by the Contractor. On the other hand, if the value of contract decreases by more than 25% of the original contract value, Performance Guarantee amounting to 5% (five percent) of the decrease in the contract value shall be returned to the Contractor. The PG amount in excess of required PG for decreased contract value, available with NHSRCL, shall be returned to Contractor as per his request duly safeguarding the interest of NHSRCL.

(e) The tenderer who has offered lower total cost as compared to tender value by more than 10%, shall be required to submit additional Performance Guarantee of value equal to percentage of tender value by which offer is lower than 10%.

(f) The Performance Guarantee (PG) shall be released after physical completion of the work based on 'Completion Certificate' issued by the competent authority stating that the contractor has completed the work in all respects satisfactorily. The Security Deposit shall, however, be released only after expiry of the maintenance period and after passing the final bill based on 'No Claim Certificate' from the contractor.

(g) Whenever the contract is rescinded, the Security Deposit shall be forfeited and the Performance Guarantee shall be encashed. The balance work shall be got done independently without risk & cost of the failed contractor. The failed contractor shall be debarred from participating in the tender for executing the balance work. If the failed contractor is a JV or a Partnership, then every member/partner of such a firm shall be debarred from...
participating in the tender for the balance work in his/her individual capacity or as a partner of any other JV/partnership firm.

3.0 SUB-CONTRACTING: Not Applicable

4.0 Laws Governing the Contract
4.1 The contract shall be governed by the laws in force in Maharashtra.

5.0 MOBILISATION ADVANCE
5.1 No mobilization Advance shall be paid by NHSRCL.

6.0 Working Hours
6.1 As per contractor, preferably from 8.30am to 6.30pm.

7.0 Medical and Personal Accident Insurance
7.1 Medical and Personal Accident Insurance will be borne by the Contractor.

8.0 Payment Mode
8.1 The contractor shall be entitled to be paid from time to time by the way of “On Account” payment only for such works as in the opinion of engineer he has executed in terms of contract.

8.2 Payment shall be released to Contractor on submission of Bill in a format approved by NHSRCL in Hard and soft copy. Rates are inclusive of all taxes as applicable, no separate claim for tax shall be entertained.

8.3 All measurements and quantities shall be expressed in units as defined in “Bill of Quantities”

8.4 All payment to the Contractor shall be made through RTGS/A/c payee cheque. For the purpose of RTGS Contractor has to provide his A/c Number, name of Bank, IFSC code of Bank and Address of bank etc.

9.0 Priority of Contract Documents.

9.1 All tender documents forming the contract between NHSRCL and the Contractor are mutually explanatory of each other.

In case of any conflict, discrepancy, inconsistencies, ambiguities between the various documents in the contract, the order of priority shall be followed as per Contract Agreement.

However, the interpretation of Engineer/Employer shall be final in this regard.

10.0 Accepted Rate applicable till the completion of work
10.1 The rates as per the accepted Bill of Quantities shall be firm and hold good till the completion of the work, and no additional claim or amount shall be admissible on account fluctuations in market rates, increase in taxes, GST, levies, fees royalties etc.

10.2 The Contractor shall be fully responsible for all welfare requirements of the manpower deployed, including (but not limited to), their accommodation, meals, wages, salary, transport to and from the site and entitlement.

11.0 Indemnity by the Contractor
11.1 The Contractor shall hold and save harmless and indemnify the Client/Employer/ officer-in-charge and their employees, from all actions, suits, proceedings, loss, costs, damages, charges, claims and demands of every nature and description brought against or recovered from the Client/Employer/ officer-in-charge and their employees by reason of any act or omission of the Contractor and/or his representative and/or his Employees and/or his Contractor in the execution of the works or in the guarding of the same. All the sums payable by Client/Employer/ officer-in-charge by way of compensation under any of these conditions shall be recovered from the dues of the Contractor, without reference to the actual loss or damage sustained, and whether or not any damage shall have been sustained.

12.0 Unfulfilled Obligations

12.1 Notwithstanding the issue of Completion Certificate, the Contractor and the Engineer-in-charge shall remain liable for the fulfillment of any unfulfilled obligations under the provision of the contract, prior to the issue of such Certificate, and for the purpose of determination of the nature and extent of any such obligation, the contract shall be deemed to remain in force between the parties thereto.

13.0 Jurisdiction of Courts

13.1 All the disputes shall be within the jurisdiction of Maharashtra. No other court shall have jurisdiction to hear and determine any actions and proceedings arising from the contract.

14.0 Secrecy/Non-disclosure

14.1 The Contractor shall ensure that all the information is kept totally confidential in connection with this bid and the Contractor shall not disclose or divulge the same to any unauthorized person failing which Employer/ officer-in-charge reserve the right to cancel the contract or cease further dealing with the Contractor.

14.2 Payment Schedule

The contractor shall be entitled to be paid from time to time by the way of “On Account” payment only for such works as in the opinion of engineer he has executed in terms of contract.

“On Account” payments made to the contractor shall be without prejudice to the final making up of the accounts (except where measurement are specifically noted in the bill as “final measurements” and as such have been signed by the contractor and EIC/ EIC’s representative) and shall be considered or used as evidence of any facts stated in or to be inferred from such accounts nor of any particular quantity of work having been executed nor of the manner of its execution being satisfactory.

14.3 Safety

The contractor shall comply with the provisions of Building and Other construction workers (Regulation of Employment and condition of service) Act, 1996 with respect to the employees/worker deployed by it on site.

14.4 Defect Liability/ Maintenance Period

Defect liability period shall be 6 months

(a) Definition of 'Defect Liability Period

In these conditions the expression “Defect Liability Period" shall mean the Period of Defect liability, calculated from the date of issue of the Completion Certificate by the EIC.
(b) Execution of Work of Repair
To the extent that the Works shall, at or as soon as practicable after the expiry of the Defect Liability Period, be delivered to the Client in the condition required by the Contract, fair wear and tear excepted, to the satisfaction of the EIC, the Contractor shall rectify all defects outstanding, if any, at the date of completion, as certified, as soon as practicable after such date, and shall execute all such work of repair, amendment, reconstruction, rectification and making good defects, imperfections, shrinkages or other faults as may be required of the Contractor in writing by the EIC during the Defect Liability Period, or within 30 days after its expiry, as a result of an inspection made by the EIC prior to its expiry.

(c) Cost of Execution of Works of Repair
All such work shall be carried out by the Contractor at his own expense, if the necessity thereof shall, in the opinion of the EIC, be due to the use of materials or workmanship not in accordance with the Contract, or to neglect or failure on the part of the Contractor to comply with any obligations, expressed or implied, under the Contract.

(d) Remedy on Contractor's failure to carry out Work required.
If the Contractor fails to do any such Work as aforesaid required by the EIC, the Client shall be entitled to employ and pay other persons to carry out the same, and if such Work is that which, in the opinion of the EIC, the Contractor was liable to do at his own expense under the Contract, then all expenses consequent thereon or incidental thereto shall be recoverable from the Contractor by the Client, or may be deducted by the Client from any money due or which may become due to the Contractor.

14.5 Material Advance
Advance payments up to 40% of the material cost on account of materials brought to the Site shall be paid. The Secured Advance claim shall only be submitted in the subsequent RA Bill. The materials which are qualified for Secured Advance payment are as below:

The payment will be subjected to certification and procedure or approval by EIC for the following:
(a) Cost of material is supported by paid invoices.
(b) Quantity received at Site is reasonably required in accordance with the Contract.
(c) Material is not perishable in nature and is acceptable for use in construction as per the Contract.
(d) The Contractor shall be fully responsible to ensure the utilization of cement within the expiry date.
(e) Material is adequately safeguarded and stored in safe custody, especially with reference to rains and the monsoons.

The advance payments thus made as above shall be adjusted against payments due to the Contractor for the quantities of materials used in the Works.

All the materials for which advance payments are made shall not be removed from the Site, without prior written permission of EIC.
14.6 Measurement and Payment
All measurement and payment shall be made as per specifications mentioned in Indian Railway Unified Schedule of Specifications or relevant Indian Standard unless otherwise specified.

14.7 Inspection of Operations
(a) Site Access
It is for the Contractor to provide the safe and guarded access to Client / EIC / Architects/ or their representatives or their representatives as detailed in the safety code. For inspection of works, the Contractor shall arrange required ladders, scaffolding materials, steel measuring tapes, plumb levels, theodolite or any other instruments required to the satisfaction of the EIC for his use at the Site at the Contractor’s cost.

(b) The EIC and any person authorized by him shall at all times have access to the Works and to all workshops and places where work is being prepared or from where materials, manufactured articles or machinery are being obtained for the Works, and the Contractor shall afford every facility for and every assistance in or in obtaining the right to such access.

(c) Examination of Work before Covering up
No Works shall be covered up or put out of view without the approval of the EIC or his Representative, and the Contractor shall afford full opportunity for the EIC or his representative to examine and measure any Works which is about to be covered up or put out of view and to examine foundations before Permanent Work is placed thereon. The Contractor shall give due notice to the EIC's Representative whenever any such Works or foundations is or are ready or about to be ready for examination, and the EIC's Representative shall, without unreasonable delay, unless he considers it unnecessary and advises the Contractor accordingly in writing, attend for the purpose of examining and measuring such work or of examining such foundations.

(d) Uncovering and Making Openings
The Contractor shall uncover any part or parts of the Works or make openings in or through the same as the EIC may from time to time direct and shall reinstate and make good such part or parts to the satisfaction of the EIC. If any such part or parts have been covered up or put out of view after compliance with the requirement of Clause no. 14.7 (c) and are found to be executed in accordance with the Contract, the expenses of uncovering, making openings in or through, reinstating and making good the same shall be borne by the Client, but in any other case all costs shall be borne by the Contractor.

(e) Removal of Improper Work and Materials
The EIC shall, during the progress of the Works, have the powers to order in writing from time to time:

i. The removal from the Site, within such time or times as may be specified in the order, of any materials which, in the opinion of the EIC, are not in accordance with the Contract,
ii. The substitution of proper and suitable materials, and

iii. The removal and proper re-execution, notwithstanding any previous test thereof or interim payment therefore, of any work which in respect of materials or workmanship is not, in the opinion of the EIC, in accordance with the Contract.

(f) Default of Contractor in Compliance

In case of default on the part of the Contractor in carrying out such an order, the Client shall be entitled to employ and pay other persons to carry out the same and all expenses consequent thereon or incidental thereto shall be recoverable from the Contractor by the Client, or may be deducted by the Client from any money due or which may become due to the Contractor.

<table>
<thead>
<tr>
<th>15</th>
<th>Electrical Equipment</th>
</tr>
</thead>
</table>

All temporary and permanent electrical installations, power distribution and supply required for execution of Work shall be carried out conforming to existing industrial and domestic safety rules and regulations. The important specific points to be noted are as under:

(a) The Meter room and main switches should be freely accessible at all times and fully protected against all weathers.

(b) The Power distribution system shall be identifiable with display markings on switches.

(c) All power distribution shall be carried out with coated, adequately insulated and of appropriate current/load rating cables. It shall be securely routed for this purpose. No loose, naked, hanging wires shall be permitted.

(d) Over load protection devices shall be installed whenever and wherever heavy current / load consuming construction or plant machinery susceptible to hazards is in use and as directed by the EIC.

(e) Metallic plugs and sockets shall be used in fieldwork. Switchboard shall be in close proximity so as to have quick control over the supply. The Contractor shall ensure that at no time during the erection and commissioning, his workmen operate any of the equipment in and around the Site allocated to them. Portable power tools rated above 50 V shall be properly connected through ELCBs and MCBs. This equipment shall be thoroughly earthed.

(f) Proper and adequate earthling connections are to be provided for all installations, plant machinery and distribution system.

(g) Hand lamps and inspection lamps shall be adequately insulated and guarded with wire mesh, and will have proper plugs for use.

(h) Security and illuminatory light shall be secured firmly and protected to withstand all weather.
16 **Execution of Additional Work**
The successful Tenderer is bound to carry out any items of work necessary for the completion of the work even though such items may not be part of his offer. He shall be instructed in writing by the EIC for such works.

17 **Compensation by Extension of time only**
The Contractor shall not be entitled to any compensation for any loss suffered by him on account of delays maybe, including delays arising out of modifications to the works entrusted to him or in any sub-contract agencies connected therewith or delays in awarding Contracts for other trades of the project, or in commencement or completion of such works, or in procuring government controlled or other building material, or in obtaining water or power connections for construction purposes, or for any other reasons whatsoever, and the Client shall not be liable for any claim in respect thereof. The Client does not accept any liability for any such besides the Tender amount, subject to such variations as are provided for herein. However, the Client shall compensate for the loss of time suffered by the Contractor, by extension of time as approved by the EIC.

18 **Site Order Book**

A Site Order Book shall be maintained on the Site and it shall be the property of NHSRCL, and the Contractor shall promptly sign orders given therein by the EIC, or their representatives and comply with them.

The Contractor’s representative shall report the compliance in good time so that it can be checked. NHSRCL will provide free of charge the blank Site Order Book with machine numbered pages for this purpose. The Contractor will be allowed to get these instructions photocopied from time to time.

19 **Drawings**

The Contractor will receive from the EIC or its nominated representative two sets of the drawings.

Additional prints if required can be obtained on payment of actual expenses.

The Contractor should inspect and verify all plans, elevations and sections shown in the drawings and in case of doubt, obtain from the EIC, required particulars which may in any way influence his Tender as no allowance whatever will be made beyond the Contract for any alleged ignorance thereof. The Contractor should read the specifications and study the Site carefully before submitting the Tender.

20 **Standards to be followed**

At various places throughout the specifications and the Bill of Quantities, reference is made to the standards, specifications and bye-laws issued by the Indian Standards Institution, now being called as Bureau of Indian Standards and other similar organizations, like NBC. These references shall in every case be deemed to include the latest edition or issue of such standards, specifications and bye-laws, including all revisions, amendments and addenda subsequently issued. Where materials are not specified and standards exist in respect of such materials, all such the materials shall in all respects comply with the relevant and current
I.S. In such cases where I.S. do not exist, the specified manufacturers' specification shall be followed. In absence of all these, the EIC's instructions shall be followed.

21 **Materials**

(a) All the materials and manufactured goods are to be the best of their respective kinds and as described in the specifications, drawings and Bills of Quantities. If any of the manufacturers, materials, etc., have been rejected, then the Contractor must propose acceptable alternatives within one week of such rejection. The EIC's decision shall be final and binding on the Contractor.

(b) The Contractor shall submit to the EIC copies of all orders for materials.

(c) Where a particular proprietary product, supplier or supplier's catalogue is referred to in these specifications or in the Bills of Quantities, the material specified is for quality type, etc. Other equal and approved sources shall be permitted in use.

(d) If, during the course of the Contract, certain materials required for use in the Works should be unobtainable despite the best efforts of the Contractor, then the Contractor may offer substitute materials for the approval of the EIC. These substitute materials, although may not be complying fully with the specification, must nevertheless be suitable and appropriate for use in the Works.

(e) Acceptance or refusal of such substitute materials shall be at the discretion of the EIC. In the event of acceptance of the substitute materials, a suitable price reduction shall be made in respect of decrease in quality or value, but no price addition shall be made in respect of increase in quality or value. In the event of refusal of the substitute materials, the Contractor shall not be relieved of any of his obligations under the Contract, and shall be solely liable for any delay or loss occasioned by his failure to provide materials as specified.

**LIST OF APPROVED MANUFACTURERS & SUPPLIERS:**

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Description of material</th>
<th>Approved Manufacturers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Cement</td>
<td>Ultradech, ACC, GRASIM, Ambuja JK and Birla or similar as approved by EIC</td>
</tr>
<tr>
<td>2</td>
<td>Reinforcing steel bars</td>
<td>TISCO, SAIL, RINL, Jindal (any primary steel manufacturers)</td>
</tr>
<tr>
<td>3</td>
<td>Structural steel</td>
<td>TISCO, SAIL, RINL, Jindal (any primary steel manufacturers)</td>
</tr>
<tr>
<td>4</td>
<td>Admixture</td>
<td>FOSROC, SIIKA or approved equivalent.</td>
</tr>
<tr>
<td>5</td>
<td>Shuttering oil</td>
<td>FOSROC, SIIKA or approved equivalent.</td>
</tr>
<tr>
<td>6</td>
<td>Paint</td>
<td>Asian Paint, Berger, Nerolac, ICI Dulux or similar as approved by EIC</td>
</tr>
</tbody>
</table>

Note: Contractor shall ensure that material source and material are approved by Engineer-in-charge before commencement of work.
22 **Price Escalation**  
The rates quoted by the Contractor shall be firm for the entire duration of the Contract, and **No price escalation shall be allowed.**

23 **Water Supply**  
The Contractor shall arrange for water, including his own arrangements for storage tanks, laying all the pipe lines, making connections, maintaining the same, and dismantling on completion of work and making good any damage due to removal of such piping work. The consumption charges shall be paid by the Contractor.

24 **Electric Supply**  
(a) Electricity will be provided on ‘as is where is’ basis, for which the Contractor can visit the Site and assess his requirements, and arrange at his own cost the necessary switch boards, and other switch gears, etc., and shall be responsible for their maintenance. The power distribution shall be done by the Contractor. The consumption charges shall be paid by the Contractor.

(b) Further distribution shall be done by the Contractor at his cost as per approved layout. He shall provide required clearances for overhead lines to facilitate easy movement of machinery. These overhead lines shall be shifted and rerouted at the Contractor's cost during execution of work, if the same are found to obstruct any other work of any agency working at the Site or requires to be shifted due to unforeseen reasons.

(c) On completion of the Work, the Contractor shall remove all wiring installed by him and make good any disturbance or damage done, to the satisfaction of the EIC.

(d) The Contractor shall employ a certified and licensed Electrician for carrying out this work.

(e) In case of any failure of normal power supply, the Contractor shall arrange for his own use standby D.G. sets at no additional cost to the Client.

25 **Quality Record**  
The contractor shall submit formats to be used for recording of tests and/ or other records like Labor Register, cement register, material balance etc to the EIC for their approval. After getting the approval from the EIC, the contractor shall maintain all the records properly.

26 **Settlement of disputes**  
For settlement of disputes Clause 63 and 64 for Arbitration and Conciliation Rules of Indian Railway’s “General Condition of Contract, Sept 2019” of shall be applicable with following changes.

“Chief Engineer” shall be referred as “Chief Project Manager”  
“Divisional Railway manager” shall be referred as “Chief Project Manager”  
“General Manager” shall be referred as “Managing Director”
ADDITIONAL SPECIAL
CONDITIONS OF CONTRACT
# Additional Special Conditions of Contract

1. **Order of Preference**
   - In case of discrepancies noticed in the specifications or description of items in Tender schedule, General condition of contract, Special condition of contract, Technical specification, Central Railway Specification, IS specification, IRC specification etc., the order of preference for acceptance will be as under:
     - a. Description of Items in Schedule of quantities & Rate along with foot note in item
     - b. Additional Special condition of contract
     - c. Special condition of contract
     - d. Technical Specification in Tender documents
     - e. General Condition of Contract
   - The NHSRCL's decision in this regard will be final and binding on the contractor.

2. The Tenderer is expected to visit the site and get himself familiarized with the site condition before submitting the tender. They shall consider all the site conditions including the availability of material resources and other local conditions before tendering. No extra payment shall be made for making approaches.

3. The rate quoted by the tenderer should be inclusive of all taxes, levies, royalty charges etc. leviable by State/Central Govt. or by local authorities. The rate shall be inclusive of all Sales/turn over tax, services tax, VAT, etc, on contract in the state of Maharashtra. No claims for increase in the rates/taxes shall be entertained.

4. Any item, if not required as per site condition can be deleted or new items required to be executed will be operated according to the modification of drawing or as per the instructions of Engineer-in-charge, governed by the provision of General condition of contract. No claim whatsoever in this regard shall be entertained.

5. The excavated material shall not be dumped on the road. It shall be transported away immediately and disposed properly.

6. Contractor has to provide all necessary signage, boards etc. for road traffic diversion safety precaution, work in progress etc. if required. Being incidental to work, no extra payment for the same will be made. Contractor has to take all necessary precaution for the safety to the road traffic.

7. Any temporary work done by contractor for execution work shall be removed by the contractor immediately on completion of work at his cost.

8. At the close of daily work special care is to be taken to clear sites from loose materials which can be misused for sabotage.

9. Cement shall be supplied/arranged by contractor as per specification attached. Rates quoted by the contractor for various items, where item is inclusive of supplying cement, should be inclusive of cost of their own cement. For some of the USSOR items, cement will be paid extra where ever invariably mentioned in items. The rates of various NS items are inclusive of cost of cement and all other material required (except reinforcement steel) unless otherwise specifically mentioned.
The minimum cement content and maximum water cement ratio to be taken for the design mix shall be as follows:

<table>
<thead>
<tr>
<th></th>
<th>Plain Concrete</th>
<th>RCC</th>
<th>FSC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum cement content</td>
<td>300</td>
<td>350</td>
<td>440</td>
</tr>
<tr>
<td>Maximum water cement ratio</td>
<td>0.50</td>
<td>0.45</td>
<td>0.35</td>
</tr>
</tbody>
</table>

Maximum cement payable for various grade of concrete under USSOR 2011 items are as under.

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Grade of Concrete</th>
<th>Maximum Cement payable for USSOR 2011 concrete items</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>M-20</td>
<td>325 Kg or actual, whichever is less</td>
</tr>
<tr>
<td>2</td>
<td>M-25</td>
<td>350 Kg or actual, whichever is less</td>
</tr>
<tr>
<td>3</td>
<td>M-30</td>
<td>375 Kg or actual, whichever is less</td>
</tr>
<tr>
<td>4</td>
<td>M-35</td>
<td>400 Kg or actual, whichever is less</td>
</tr>
<tr>
<td>5</td>
<td>M-40</td>
<td>430 Kg or actual, whichever is less</td>
</tr>
</tbody>
</table>

10 Reinforcement steel of various diameters shall be supplied by contractor as per specification attached, payment for which will be made under relevant items of schedule (Item No 045016).

11 Contractor shall use of RMC (ready mixed concrete) from renowned microprocessor control automatic concrete mixing and batching plant only. In unavoidable circumstances, with prior permission of Engineer-in-charge, contractor can be allowed to mix the concrete with ordinary mixer, manual weigh batching and placing concrete.

12 The contractor has to provide one fully developed lab including technical staff at site for testing of various materials as per satisfaction EIC/ his representative. No extra payment for setting a lab will be paid to the contractor.

13 The contractor has to provide ‘one temporary site office for NHSRCL staff, of size apx. 25 Sqm. Minimum two executive table along with chairs, one non-executive table with chair, 8 visitor’s chairs, two book almirah, of Godrej or similar make, one computer table, window/split AC of 1.5-2.0-ton capacity, basic amenities like toilets, urinals, and water/electric connections etc. shall be provided in the office. No extra payment will be made on this account. After completion of work all the equipment’s/machinery shall be property of the contractor.

14 All the testing of material required to be done from outside laboratory shall be done from the laboratory having approval of National Accreditation Board for Laboratory, and if nearby NABL lab is not available then, any lab authorized by EIC/ his representative.

15 All record/register regarding materials, quantity, labour strength or any other register suggested by Engineer—in-charge will be maintained by contractor/ his representative.
PROFORMAS
FORM OF AGREEMENT

(To be executed on requisite value of stamp Papers)

AGREEMENT

THIS AGREEMENT made on __________ day of _______ (Month/year) between National High Speed Rail Corporation Limited, (hereinafter called “the Employer/Engineer”) of the one part and ___________________________ (name and address of the Contractor) (hereinafter called “the Contractor”) of the other part.

WHEREAS the Employer is desirous that work of “.................................................................” should be executed by the Contractor viz. Contract No. ___________________________ (hereinafter called “the Works”, and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expressions shall have the same meaning as are respectively assigned to them in the Conditions of Contract hereinafter referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement:

   (a) Contract Agreement
   (b) Letter of Acceptance of Tender
   (c) Addendum(s)/ Corrigendum(s), if any.
   (d) Financial Bid & Bill of Quantities
   (e) Special Conditions of the Contract
   (f) Terms of Reference / Scope of Work
   (g) Technical Specifications and Standards.
   (h) General Conditions of Contract
   (i) Other Relevant Standards/codes/ any other documents forming part of agreement.

3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract.

4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects therein the Contract Price or such
other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement executed the day and year first before written.

(Name, Designation and address of the authorised signatory)  (Name, Designation and address of the authorised signatory)

Signed for and on behalf of the Agency in the presence of:

Witness:

1.    1.

2.    2.

Name and address of the witnesses to be indicated.
SUPPLEMENTARY AGREEMENT

Articles of Agreement made on this ......................... in the year ........... and between National High Speed Rail Corporation Limited acting through the Chief Project Manager-I, National High Speed Rail Corporation Limited, National High Speed Rail Corporation Limited, 1105-1106, Eleventh Floor, P.L Lokhande Marg, Chembur (west), Mumbai - 400 043 hereinafter called as one party and ................................................ of the second part.

Where the party hereto of the second part executed an agreement with the party hereto of the first part being agreement No. ................. dated ........ for the performance of ................................... herein called the principal agreement.

And whereas it was agreed by and between the parties hereto that the works would be completed by the party hereto of the second part on .......... "date last extended" and whereas the party hereto of the second part has executed the work to the entire satisfaction of the party hereto of the first part and whereas the party hereto of the first part already made payments to the party hereto of the second part diverse sums from time to time aggregating to ................ including the final bill bearing voucher No. ................. dated ........ (the receipt of which is hereby acknowledged by the party hereto of the second part) in full and final settlement of all his claim under the principal agreement.

Now it is hereby agreed by and between the parties in the consideration of sums already paid by the party hereto of the first part to the party hereto of the second part against all outstanding dues and claims for all works done under the aforesaid principal agreement including / excluding security deposit, the party hereto of the second part have no further dues / claims against the party hereto of the first part under the said principal agreement.

It is further agreed by and between the parties that they party hereto of the second part has accepted the said sums mentioned above in full and final satisfaction of all its dues and claims under the said principal agreement.

It is further agreed and understood by and between the party that in consideration of the payment already made under the agreement the said principle agreement shall finally discharged and rescinded all the terms and conditions including the arbitration clause.

It is further agreed and understood by and between the parties that the arbitration clause contained in the said principal agreement shall cease to have any effect and / or shall seems to be non-existent for all purposes.

Signature of the Tenderer/s ..............................................

For & on behalf of ..............................................

Signatures of the Witness: ..............................................

Witness: ..............................................

Signature of Tenderer ..............................................
FORMAT FOR PAYMENT THROUGH “NEFT/RTGS” SYSTEM TO TENDERER/BIDDER.

<table>
<thead>
<tr>
<th>Sr No</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Name of Tenderer/Bidder</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Tender No/Bid No</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Date of Tender</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Name of work</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Name of Bank and Brach</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Address of bank</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Place</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Account No</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>MICR Code</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>IFC Code</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Mobile No for SMS</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>E mail ID</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>PAN No</td>
<td></td>
</tr>
</tbody>
</table>

Note: Please attach Copy of 1st page of passbook and blank cancelled cheque for payment.

(Signature of Bidder/Authorised Representative)
Name: ..........................................
Designation: ..................................
Date: .........................................
Name of Company: ............................
Stamp: ..........................................

****END OF TECHNICAL BID****
National High-Speed Rail Corporation Limited (NHSRCL)

(A Joint Sector Company of Govt. of India and Participating State Governments)

Construction of Compound wall at in HSR Boundary near Shilphata in connection with proposed Mumbai- Ahmedabad High Speed Rail (MAHSR) project.

Tender No.: NHSRCL/MUMBAI/WKS/19-20/05

TENDER DOCUMENT
(Single Stage Two Packet)

2019-2020

National High Speed Rail Corporation Limited
1105-1106, Eleventh Floor, Univeral Majestic Building, P.L Lokhande Marg, Chembur (West) Mumbai - 400 043.
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>PART I : TECHNICAL BID</th>
<th>PAGE NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. BID SUMMARY</td>
<td>5</td>
</tr>
<tr>
<td>2. NOTICE INVITING TENDER</td>
<td>8</td>
</tr>
<tr>
<td>3. BIDDING APPLICATION</td>
<td>15</td>
</tr>
<tr>
<td>4. INSTRUCTIONS TO TENDERERS (ITT)</td>
<td>19</td>
</tr>
<tr>
<td>5. TERMS OF REFERENCE / SCOPE OF WORK</td>
<td>29</td>
</tr>
<tr>
<td>6. GENERAL CONDITIONS OF CONTRACT</td>
<td>35</td>
</tr>
<tr>
<td>7. SPECIAL CONDITIONS OF CONTRACT</td>
<td>39</td>
</tr>
<tr>
<td>8. ADDITIONAL SPECIAL CONDITIONS OF CONTRACT</td>
<td>51</td>
</tr>
<tr>
<td>9. PROFORMAS</td>
<td>52</td>
</tr>
</tbody>
</table>

# PART II: FINANCIAL BID

| 10. INSTRUCTION TO TENDERERS FOR FILLING BOQ | 7       |
| 11. BILL OF QUANTITIES (BOQ)                 | 11      |
| 12. OFFER SHEET                              | 17      |
PART – II
FINANCIAL BID

Tender No: NHSRCL/ MUMBAI/WKS/19-20/05

Name of work: Construction of Compound wall at in HSR Boundary near Shilphata in connection with proposed Mumbai- Ahmedabad High Speed Rail (MAHSR) project.
INSTRUCTIONS TO THE BIDDERS FOR FILLING THE BOQ

1) All prices should be in Indian Rupee.

2) In case of discrepancy between unit price and total, the unit price shall prevail. In case of discrepancy between sub totals and the total, the subtotal shall prevail.

3) Tenderers are required to quote their rate in percentage only.

4) Tenderers are required to quote their rate in % age above/below/at par for Schedule items.

5) Items and quantities given in the Bill of Quantities are approximate and are just to give an idea of work involved. NHSRCL reserves the right to delete/operate any other items given in the schedule concerned, without any limit of variation to complete the work. Power to sanction variation shall as per SOP of NHSRCL. The payment of schedule items shall be made at the accepted percentage above/below/at par of schedule and in terms of relevant clause of SCC/GCC.
(Page intentionally Kept Blank)
BILL OF QUANTITIES (BOQ)
### BILL OF QUANTITIES (BOQ)

**Name of work:** Construction of Compound wall at in HSR Boundary near Shilphata in connection with proposed Mumbai- Ahmedabad High Speed Rail (MAHSR) project.

**SCHEDULE: A General items.**

<table>
<thead>
<tr>
<th>Item No</th>
<th>Description of work</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>011010</td>
<td>Earth work in excavation as per approved drawings and dumping at embankment site or spoil heap, within railway land, including 50m lead and 1.5m lift, the lead to be measured from the centre of gravity of excavation to centre of gravity of spoil heap: the lift to be measured from natural ground level and paid for in layers of 1.5m each, including work as per specifications in</td>
<td>cum</td>
<td>119.00 (Rupees One Hundred Nineteen Only)</td>
<td>760</td>
<td>90,440.00</td>
</tr>
<tr>
<td>031020</td>
<td>Providing and laying cement concrete, up to plinth in retaining walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc excluding the cost of cement and shuttering, centering.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>031023</td>
<td>1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size)</td>
<td>cum</td>
<td>2434.16 (Rupees Two Thousand Four Hundred Thirty Four and Sixteen Paisas Only)</td>
<td>60</td>
<td>1,46,049.60</td>
</tr>
<tr>
<td>041010</td>
<td>Providing and laying in position M 30 Grade concrete for reinforced concrete structural elements but excluding cost of centering, shuttering, reinforcement and Admixtures in</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Item No</td>
<td>Description of work</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount</td>
</tr>
<tr>
<td>--------</td>
<td>------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>-------</td>
<td>------------</td>
<td>-----------</td>
<td>--------------------</td>
</tr>
<tr>
<td></td>
<td>recommended proportion (as per IS:9103) to accelerate, retard setting of concrete, without impairing strength and durability as per direction of Engineer in charge.</td>
<td></td>
<td>2564.70</td>
<td>130</td>
<td>3,33,411.00</td>
</tr>
<tr>
<td>3</td>
<td>All work upto plinth level, including raft foundation of washable aprons, HS tank, pile cap, footings of FOB, and Platform shelter etc.</td>
<td>cum</td>
<td>(Rupees Two Thousand Five Hundred Sixty Four and Seventy Paisas Only)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>All work in buildings above plinth level upto floor two level.</td>
<td>cum</td>
<td>2820.94</td>
<td>80</td>
<td>2,25,675.20</td>
</tr>
<tr>
<td></td>
<td>Centering and shuttering including strutting, propping etc. and removal of form for:</td>
<td></td>
<td>(Rupees Two Thousand Eight Hundred Twenty and Ninety Four Paisas Only)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Foundations, footings, bases of columns, raft foundation of washable aprons, Pile caps, Footings of FOB etc.</td>
<td>Sqm</td>
<td>114.90</td>
<td>710</td>
<td>81,579.00</td>
</tr>
<tr>
<td>6</td>
<td>Columns, pillars, posts and struts</td>
<td>Sqm</td>
<td>261.30</td>
<td>1000</td>
<td>2,61,300.00</td>
</tr>
<tr>
<td>056040</td>
<td>Cement Concrete Solid Block Masonry in foundation and plinth with: (factory made blocks)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Signature of Tenderer
<table>
<thead>
<tr>
<th>Item No</th>
<th>Description of work</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>Cement mortar 1:4 (1 cement: 4 fine sand)</td>
<td>cum</td>
<td>6815.69 (Rupees Six Thousand Eight Hundred Fifteen and Sixty Nine Paisas Only)</td>
<td>440</td>
<td>29,98,903.60</td>
</tr>
<tr>
<td>8</td>
<td>Extra over Item 056040 for Cement Concrete Solid Block masonry in superstructure above plinth level upto floor two level</td>
<td>cum</td>
<td>609.22 (Rupees Six Hundred Nine and Twenty Two Paisas Only)</td>
<td>360</td>
<td>2,19,319.20</td>
</tr>
<tr>
<td>9</td>
<td>20 mm cement plaster of mix -</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>1:4 (1 cement: 4 fine sand)</td>
<td>Sqm</td>
<td>120.48 (Rupees One Hundred Twenty and Forty Eight Paisas Only)</td>
<td>3510</td>
<td>4,22,884.80</td>
</tr>
<tr>
<td>11</td>
<td>Random: rubble masonry with hard stone in foundation and plinth including levelling up with concrete as per specifications, upto plinth level with:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>1:6 (1 cement: 6 fine sand)</td>
<td>Sqm</td>
<td>88.45 (Rupees Eighty Eight and Forty Five Paisas Only)</td>
<td>3400</td>
<td>3,00,730.00</td>
</tr>
<tr>
<td>13</td>
<td>Pointing on stone work with cement mortar 1:3 (1 cement: 3 fine sand)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Item No</td>
<td>Description of work</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount</td>
</tr>
<tr>
<td>--------</td>
<td>-------------------------------------------------------------------------------------</td>
<td>------</td>
<td>-----------------------</td>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>13</td>
<td>Flush/ Ruled pointing</td>
<td>Sqm</td>
<td>95.10 (Rupees Ninety Five and Ten Paisas Only)</td>
<td>200</td>
<td>19,020.00</td>
</tr>
<tr>
<td>121060</td>
<td>Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture</td>
<td>Sqm</td>
<td>70.96 (Rupees Seventy and Ninety Six Paisas Only)</td>
<td>125</td>
<td>8,870.00</td>
</tr>
</tbody>
</table>

**Total**                                                                                               52,35,648.90

Add % above USSOR 2011                                                                                     28.00%                      14,65,981.69

**Total of Schedule A**                                                                                   67,01,630.59

---

**SCHEDULE:B Cement Supply Item**

<table>
<thead>
<tr>
<th>Item No</th>
<th>Description of work</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>033060</td>
<td>Supply and using cement at worksite :</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>OPC 53 grade</td>
<td>Tonne</td>
<td>6095.00 (Rupees Six Thousand Ninety Five Only)</td>
<td>160</td>
<td>9,75,200.00</td>
</tr>
</tbody>
</table>

**Total**                                                                                               9,75,200.00

Add % above USSOR 2011                                                                                     21.00%                      2,04,792.00

**Total of Schedule B**                                                                                   11,79,992.00

---

**SCHEDULE:C Steel Items**

<table>
<thead>
<tr>
<th>Item No</th>
<th>Description of work</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>045010</td>
<td>Supplying Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Thermo-Mechanically Treated bars</td>
<td>Kg</td>
<td>69.53 (Rupees Sixty Nine and Fifty Three Paisas Only)</td>
<td>17720</td>
<td>12,32,071.60</td>
</tr>
<tr>
<td>081030</td>
<td>Structural steel work welded in built up sections, trusses and framed work, girders, staging, racks, etc including cutting, bending, straightening, hoisting,</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Item No</td>
<td>Description of work</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount</td>
</tr>
<tr>
<td>---------</td>
<td>----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>--------------</td>
<td>-----------------</td>
<td>----------</td>
<td>--------------</td>
</tr>
<tr>
<td>17</td>
<td>fixing in position, including applying a priming coat of approved steel primer, complete - upto 6 m height above GL.</td>
<td>Kg</td>
<td>73.30 (Rupees Seventy Three and Thirty Paiseas Only)</td>
<td>150</td>
<td>10,995.00</td>
</tr>
<tr>
<td>18</td>
<td>In flats, plates, round or square bars</td>
<td>Kg</td>
<td>73.46 (Rupees Seventy Three and Forty Six Paiseas Only)</td>
<td>100</td>
<td>7,346.00</td>
</tr>
<tr>
<td>19</td>
<td>Providing 1.2m high fencing with 1.8m angle iron 40x40x6mm posts placed every 3m centre to centre embedded in cement concrete blocks every 15th post (or nearer if there is abrupt change of ground slope) last but one end post and corner post shall be strut strutted on both sides and end post on one side only, and strut embedded in concrete block, and provided with 5 horizontal lines and two diagonals interwoven with horizontal GI barbered wires, of barbered wire 9.38kg per 100metre (min.) between the two posts fitted and fixed with GI staples, complete (Cost of posts, struts and concrete to be paid separately.)</td>
<td>metre</td>
<td>61.57 (Rupees Sixty One and Fifty Seven Paiseas Only)</td>
<td>500</td>
<td>30,785.00</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>12,81,197.60</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Add % above USSOR 2011</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>1,15,307.78</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Total of Schedule C</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>13,96,505.38</strong></td>
</tr>
</tbody>
</table>

**SCHEDULE: D** Any other items.

<table>
<thead>
<tr>
<th>Item No</th>
<th>Description of work</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>1/NS</td>
<td></td>
<td></td>
<td></td>
<td>5,00,000.00</td>
</tr>
</tbody>
</table>

Note: USSOR item will paid as per accepted rate of tender.

**Total of Schedule D**

5,00,000.00

Signature of Tenderer
<table>
<thead>
<tr>
<th>Summary</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total of Schedule A : General Items</td>
<td>67,01,630.59</td>
</tr>
<tr>
<td>Total of Schedule B : Cement supply item</td>
<td>11,79,992.00</td>
</tr>
<tr>
<td>Total of Schedule C : Steel items</td>
<td>13,96,505.38</td>
</tr>
<tr>
<td>Total of Schedule D : Any other USSOR items</td>
<td>5,00,000.00</td>
</tr>
<tr>
<td>Grand Total</td>
<td>97,78,127.97</td>
</tr>
</tbody>
</table>

Rupees Ninety Seven Lacs Seventy Eight Thousand One Hundred Twenty Seven and Ninety Seven Paisas Only
OFFER SHEET

Tender No. NHSRCL/ MUMBAI/WKS/19-20/05

Name of the Work:- Construction of Compound wall at in HSR Boundary near Shilphata in connection with proposed Mumbai- Ahmedabad High Speed Rail (MAHSR) project.

1) It is certified that I/We have inspected the site of work and well acquainted myself/ourselves with local conditions.

2) I/We undertake to keep this offer and earnest money deposit (EMD) valid for 90 days from the date of opening of tender and further undertake not to revoke the same before the expiry of such period.

3) I/We have carefully gone through the entire tender document including technical specifications, additional special conditions, special conditions, Schedule of Rates & Quantities, General Conditions of Contract and all other terms & conditions, Stipulations etc.

4) I/We agree to complete the work within completion period as stipulated.

5) I/We offer and agree to carry out the work at the rates with single percentage ABOVE / BELOW / AT PAR over and above the estimated amount, as follows:

<table>
<thead>
<tr>
<th>Grand Total of Estimated Amount</th>
<th>Rates in percentage (above/below/at par) % (in figures and words)</th>
<th>Grand Total of offer Amount after % quoted by Contractor.</th>
</tr>
</thead>
<tbody>
<tr>
<td>In Figures</td>
<td>₹ 97,78,127.97</td>
<td></td>
</tr>
<tr>
<td>In Words</td>
<td>₹ Ninety Seven Lacs Seventy Eight Thousand One Hundred Twenty Seven and Ninety Seven Paisas Only including GST</td>
<td></td>
</tr>
</tbody>
</table>

Notes:-
1. Tenderers should quote uniform percentage rate, in figures as well as in words, for all the schedules/all items. Tender offers with different rates for different schedules/items shall be summarily rejected.

2. Any condition quoted by the tenderer having financial implication shall be clearly mentioned on the offer sheet itself, along with the monetary value of that condition, in absence of this, such offer shall be summarily rejected.

Signature of Contractor

Name of Authorised person

Date & Seal of Company

Seal & Signature of the Tenderer/s

*** END OF PRICE BID DOCUMENT ***