

Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

National High Speed Rail Corporation Limited (NHSRCL)



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

Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

Tender No.: NHSRCL/BRC/2020/28

TENDER DOCUMENT (Single Stage Two packet system)

Part-1: Technical Bid Documents

(NIT, ITB, Conditions of Contract, Technical Bid Formats, Annexure/ Performs of Technical Bid, List of Trees proposed for Transplantation)

June-2020

National High Speed Rail Corporation Limited

3rd Floor, Productivity House, Productivity Road, Alkapuri, Vadodara – 390007.

Signaturerofile (NHSROFE) । उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd: राष्ट्रीय उच्च गति रेल निगम लिमिटेड यडोदरा / Vadodara



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

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Dy. Chief Project Manager-Civil उप मुख्य परियोजना प्रबंधक-सिविल National Box Speed Rail Corporation Ltd. राष्ट्रीय जेंद्रा गति रेल निगम लिमिटेड Signature of the NHSRCLara



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PART-1 TECHNICAL BID DOCUMENTS

Signature of the NHSRCL सिवल उप मुख्य परियाप HSRCL सिवल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड वडोदरा / Vadodara



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Section-1 Notice Inviting Tender (NIT)

Dy. Chief Project Manager-Civil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्चे गीत रेल निगम लिमिटेड वडोदरो Vadodara

Signature of the NHSRCL

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Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

Section-1 Notice Inviting Tender (NIT)

1

Name of work	Tender No. NHSRCL/BRC/2020/28 "Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project."
Place of Work	Vadodara district, Gujarat.
Earnest Money Deposit (EMD)	Rs. 1,89,303.00
Tender Fees	Rs. 5,900.00 (including 18 % GST)
Completion period	3 Months
Validity of offer	90 Days
Type of Tender	Open Tender
Bid Submission	Two packet system
Pre-Bid meeting	16.06.2020 @ 1100 hrs
Tender closing date	24.06.2020 @ 1500 hrs
Tender opening date	24.06.2020 @ 1530 hrs
Place of Pre-bid meeting, tender submission & opening of Tender	Through online as described in the respective sections.
Designated Email and Phone Number for communication	Mgrcontract1.brc@nhsrcl.in Mobile: +91-7838437982

- 2. National High Speed Rail Corporation Limited invites tender for "Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.".
- All the participating/ prospective bidders for tender must convey their email id and working mobile and landline telephone number to the designated email id provided by NHSRCL for regular communication purposes.
- 4. The completely filled up bid document shall be uploaded on NHSRCL's website by the bidders latest by tender closing date and time mentioned at para 1 above and will be opened on the same day at 3:30 PM (15:30 hrs). The bidders shall seek an uploading link from NHSRCL through email and the bidders will be provided with a link through email with a user ID and password for upload of bid documents. No tender will be accepted under any circumstances beyond

Signature of the NASROP Ltd.

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National High Speed Rail Conp. Eriffes
National High Speed Rail Vadodara



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the stipulated date and time which may be noted. NHSRCL will not be responsible for any delay/ loss/ mis-delivery/ corrupted file of tender documents.

- Tender fees and Earnest money deposit as mentioned at para 1 (unless exempted) shall be deposited by the bidder as per the Cl. 16 & 17 of Instruction To Bidders (ITB).
- 6. Interested eligible Bidders may obtain further information from office of:

Chief Project Manager,

National High Speed Rail Corporation Ltd (NHSRCL),

3rd floor, Productivity House,

Productivity Road,

Alkapuri, Vadodara-390007

Mobile: +91-7838437982

Mail: mgrcontract1.brc@nhsrcl.in

- 7. Tender documents can be downloaded from "www.nhsrcl.in" & "https://eprocure.gov.in/epublish/app" from 09.06.2020 to 23.06.2020.
- 8. A copy of Instructions to Bidders is attached with the bid documents.
- 9. The pre-bid meeting shall be conducted Online through Video Conferencing on 16.06.2020 @ 11:00 hrs. Login credentials shall be provided to interested eligible Bidders through email, who seeks for the same. Participation in this pre-Bid meeting is not mandatory.

10. Brief Scope of the work:

- 10.1. Location of the works: The Trees standing in the in the alignment of HSR in the villages namly Rayaka, Sankarda, Padamala, Ajod, Dashrath, Chani, Karodia of Vadodara district shall be digged and transplanted within the vadodara district and areas nearby the statue of unity.
- 10.2. Transplantation of standing Trees with machines including excavation, lifting, loading, unloading, transportation and transplanting, filling back the excavated pits, digging pits at new location for the transplantation, provide manure or sludge, sand, fertilizer, growth hormone/ rootex/ bio fertilizer, guying, flooding with water, dressing including removal of rubbish and surplus earth.
- 10.3. Maintenance of transplanted trees for a period of 3 months after transplantation of Tree including weeding, watering, spraying, guying and fertilizer application etc. all complete. The maintenance period will be checked for each tree, which will be started after the Transplantation of tree. The Contractor has to deploy the sufficient skilled supervisor and manpower at the Transplanted locations during the maintenance period or till the survival of trees whichever is later. NHSRCL reserves the right to instruct the Contractor for the deployment of additional manpower,

Dy. Chief Project Manager-Civ उप मुख्य परियोजना प्रबंधक-रिविल National High Speed Rail Corporation Ltd राष्ट्रीय उच्च गति रेल निगम लिमिटेड

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which required for the maintenance of Trees at no additional cost to the NHSRCL.

- 10.4. Keep the trees well maintained by professional horticulturists.
- 10.5. The scope of work includes the arrangement of deployment of machineries, deployment of experts and the trained officials for proper planning, supervision and execution of works, all running maintenance & repair expenses, fuel, lubricants and any other consumables required from time to time, all taxes (except GST), duties, incidental charges, penalties etc. as imposed by Central/State/Local Government bodies, including salary and other benefits admissible to staff.
- 10.6. The successful tenderer shall finalize the deployment schedule of the Resources such as machines for transplantation of standing trees, manpower, materials, tools etc. in consultation with the Engineer-in-Charge of NHSRCL. The Contractor shall ensure the agreed resource deployment schedule. The successful tenderer should be able to deploy additional resources without any extra cost as per NHSRCL's requirement for executing the transplantation works to meet the Completion schedule.
- 10.7. For efficient utilization of machineries, pre-planning of the tree transplantation including the deployment of machineries should be done by the successful tenderer in consultation with NHSRCL.
- 10.8. The responsibility of removal of all the hurdles and making temporary roads etc. would be with the contractor, for which additional machineries would be required to be deployed by the contractor in addition to the machines deployed for transplantation of trees. Nothing extra shall be paid towards the same.
- 10.9. All resources, including human, machinery and material resources, will be the sole responsibility of the agency.
- 10.10. If the transplantation process requires temporary demolition of an existing road surface, the Contractor shall acquire permission from the related authorities before commencement of work. The excavated road surface should be kept levelled during the process, and should be restored to its original state after transplantation. If Contractor fails to restore the roads to its original state in the appropriate time, the same shall be carried out at the risk and cost of the Contractor.
- 10.11. Successful tenderer shall maintain all documents viz. list of trees to be transplanted with location map, along with geo-coordinates (location) of trees to be transplanted and that of their transplantation sites, duly signed by the concerned authorities, pre-and post-transplanting photo/

Signature of the NHSROL ल उप मुख्य परियोजना प्रधान प्रधान त्र National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड चडोदरा / Vadodara



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- videographs of the trees, etc. and handover the same to the NHSRCL after completion of the work.
- 10.12. All governance, monitoring and reporting aspect of this assignment at region/wing level will be controlled by the concerned NHSRCL officials.
- 10.13. Before starting of work, all the trees planned to be transplanted should be identified by the successful tenderer. The trees, then, should be numbered and the list should be got approved from NHSRCL representative.
- 10.14. Tree branches should be trimmed before transplanting as per the requirement for the transportation, as per the guidelines for the Tree Transplanting and NHSRCL's instructions.
- 10.15. Wounds should be smooth without splitting. When trimming branches with a diameter of over 5 centimetres, avoid splitting due to improper trimming. The wounds must be smoothened, with preservatives applied.
- 10.16. Roots must be trimmed before transplanting as per the site conditions. Temporary supports shall be installed before trimming. Excavation and trimming shall be performed in stages. The root-cutting diameter should be 10 centimetres less than the planned root ball. The roots should be trimmed one after another, in a circular pattern with the trunk as the core. The wounds of the exposed roots must be smoothened.
- 10.17. When encountering thick roots, cut them with a hand saw instead of digging through, keep the wounds smooth and apply healing agents to prevent infection.
- 10.18. Wrap the soil ball with biodegradable materials, and then with large mesh wire netting to maintain its stability.
- 10.19. After being excavated, the tree trunk should be wrapped with protective materials (e.g. sackcloth, canvas). During transportation of the tree to the new destinations, cushions should be placed between the tree and the body of the vehicle, to avoid damaging the branches. Fasten the tree with ropes for safety's sake, regardless of how far it is being transported.
- 10.20. Be gentle while loading, unloading, and handling, and avoid dragging while transporting. Ensure there are no damage to the soil ball, and no scratching and splitting of the root system and the tree should be kept intact without injuries to its root system, trunk and crown while transporting the trees.
- 10.21. Keep the trees being transported properly moistened, sheltered and protected from wind, strong sunlight, rain, cold weather and theft.
- 10.22. While transporting, loading and unloading, follow traffic safety guidelines, with warning signs erected to alert passing vehicles and pedestrians.

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- 10.23. After digging the pits at the new location for the transplantation of trees, apply organic or other types of fertilizers to the base of the hole to facilitate root growth, and replace the existing soil with new soil. The backfilled soil should comprise 40% yellow soil, 20% pond silt, 10% organic fertilizers, 10% peat soil, 20% pumice and 0.1% moisturiser. There should not be any rocks or impurities larger than 1 centimetre in diameter in the soil.
- 10.24. The transplantation process including excavation, transporting and planting should be completed within the same day as far as possible.
- 10.25. When encountering adverse weather, apply temporary measures to protect the soil ball and the planting hole, install sheltering facilities and, if necessary, water the tree to prevent injury or withering.
- 10.26. While planting, remove the wrapping materials around the soil ball, gently put the tree into the hole, and keep the trunk upright. Refill the soil surrounding the root ball, water the tree, compact the soil with wooden stick to enhance contact with the root system, & build a "soil wall" around the tree to retain water.
- 10.27. Install supporting structures immediately after planting, to prevent tree leaning. Fasten the tree with ropes as per the necessity.
- 10.28. Water the tree immediately after transplanting, and water again after 2~3 days, and then provide water timely. Keep it well watered to ensure sufficient water at the base of the soil ball. Meanwhile, wrap the main trunk and the first and second main branches with straw ropes or soft moist materials.
- 10.29. In summer, build a shelter to protect the tree, and spray the tree crown and trunk with water to keep them moist. Protect the tree against cold weather in winter by installing a wind screen and applying other winterproof measures.
- 10.30. Apply foliar fertilizers after transplanting when appropriate.
- 10.31. Constantly keep the soil moist after transplanting. Beware of water logging and drain excess water in time. During the maintenance period, avoid watering at noon when the weather is hot.
- 10.32. Keep the tree free from pests. While refilling the soil, add pesticide if needed, and trim away branches which are withered or infected by diseases.
- 10.33. Any other necessary activities as deemed necessary for the successful transplantation of trees and required for the survival of the same.
- 10.34. The contractor shall hand over the transplanted trees to the client/ any other agencies as instructed by the Client in good health at the end of maintenance period after transplantation.

Signature of the NHSRE Tallon Ltd.

Dy. Chief Provided Rail Corporation Ltd.

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National High Speed Rail Lyadodara

National High Speed Rail Lyadodara



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- 10.35. The survival rate of transplanted trees shall not be less than 80% on overall basis. However, all necessary steps should apply for protection of trees.
- 11. NHSRCL reserves the right to cancel the tender at any time or amend/ withdraw any of the terms and conditions contained in the Tender Document, without assigning any reason, thereof.
- 12. NHSRCL reserves the rights to reject any or all of the tenders without assigning any reason thereof, and is not liable to accept the lowest tender or any of the tenders.
- 13. RIGHTS OF NHSRCL TO DEAL WITH TENDERS:- The authority for the acceptance of the Tender will rest with the NHSRCL. It shall not be obligatory on the said authority to accept the lowest tender or any other tender and no tenderers shall neither demand any explanations for the cause of rejection of his/ their tender nor the NHSRCL to assign reasons for declining to consider or reject any particular tender or tenders.
- 14. If the Tenderer(s) deliberately gives/ give wrong information in his/their Tender or creates/create circumstances for the acceptance of his/their Tender, the NHSRCL reserves the right to reject such Tender at any stage.
- 15. Tenderer(s) may please also note that if any change/ addition/ deletion with malafide intention is made by the bidder and the same is detected at any stage even after award of the tender, all necessary action including banning of business will be taken against the bidder.
- 16. The validity of the tender offer should be 90 days from the date of the opening.
- 17. Tenderer may note that the end of the Technical Bid document is marked as "END OF TECHNICAL BID DOCUMENT" and the end of the Price Bid document is marked as "END OF PRICE BID DOCUMENT. The total document is to be downloaded for submission of the offer otherwise the document will be treated as incomplete and therefor invalid and summarally rejected.
- 18. NHSRCL on its own or in response to any clarification requested or suggested by any person including that of the tenderer may modify the tender document at its sole discretion. It will be the responsibility of the tenderers who have downloaded the documents from the website to submit offer in the updated copy of the tender documents and NHSRCL will not consider the offers downloaded from website if offer is not submitted in updated tender documents.

19. Eligibility Criteria:

- 19.1. The bidder(s) must have executed the tree transplantion works in the past. (attach supporting documents).
- 19.2. The Bidder(s) should not have been blacklisted by any Central/ State Ministry/ Department/ PSUs or Banks etc. The bidding firm has to give a self-certificate to the effect that it has not been blacklisted by any Central

Dy. Chief Project Manager उप मुख्य प्रियोजना प्रवंधक-रिया National High Speed Ray Corporation के Signature of the NHSRCL

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Ministry/ Department/ PSUs or Banks, etc. The certificate has to be submitted along with the tender documents.

19.3. The bidder(s) must have PAN, GST registration under applicable laws and should submit copies of the same.

Signature of the NHSBC कि विल Dy. Chief Property प्रविधारित उप मुख्य परियोजन प्रविधारित अवसंगति प्रविधारित National High Speed Rail Corporation Ltd. राष्ट्रीय जल्ल गति रेल निगम लिमिटेड राष्ट्रीय जल्ल गति रेल निगम लिमिटेड



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Section-2 Instructions to Bidders (ITB)

Dy. Chief Project Manager-Civil उप मुख्य रियोजना प्रबंधक-सिविल National High beed Rail Corporation Ltd. राष्ट्रीय उच्च पति रेल निगम लिमिटेड बडोवर Vadodara

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Section-2 Instructions to Bidders (ITB)

A. General

1. Name of the Work

Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

2. Employer

National High Speed Rail Corporation Limited

3. Address of Employer Chief Project Manager,

National High Speed Rail Corporation Ltd (NHSRCL),

3rd floor, Productivity House,

Productivity Road, Alkapuri, Vadodara-390007

Email: Mgrcontract1.brc@nhsrcl.in

Mobile: +91-7838437982

4. Contractor

The successful Tenderer/ Bidder to whom the work is awarded shall become the Contractor who will execute the work.

B. Contents of Bidding

5. Bidding documents

5.1. The bidding documents consists of the following sections:

PART-1: TECHNICAL BID DOCUMENTS

Section-1: Notice Inviting Tender (NIT) Section-2: Instructions to Bidder (ITB)

Section-3: Conditions of Contract Section-4: Technical Bid Formats

Section-5: Letter of Technical bid and Annexures/

Performa's

Section-6: Tentative list of Trees for the Transplantation

PART-2: PRICE BID DOCUMENTS

Section-7: Letter of Price bid Section-8: Bill of Quantities

5.2. The bidder is expected to examine all instructions, terms, conditions, forms, specifications, conditions 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

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- documents in every respect will be at the bidder's risk and may result in rejection of their bid.
- 5.3. Tenderer may note that the end of the Technical Bid document is marked as "END OF TECHNICAL BID DOCUMENT" and the end of the Price Bid document is marked as "END OF PRICE BID DOCUMENT. The total document is to be downloaded for submission of the offer otherwise the document will be treated as incomplete and therefore invalid.
- 6. Clarification of Bidding documents
- 6.1. Bidder requiring any clarification of the Bidding Documents shall contact the Employer in writing at the Employer's address specified in ITB 3 or raise his enquiries during the pre-bid meeting if provided for the same in tender. The Employer will respond in writing to any request for clarification.
- **6.2.** The Employer publish its response at www.nhsrcl.in. & "https://eprocure.gov.in/epublish/app"
- 6.3. Should the clarification result in changes to the essential elements of the Bidding Documents, the Employer shall amend the Bidding Documents following the procedure under ITB 8.
- 7. Pre-bid Meeting

The pre-bid meeting shall be conducted Online through Video Conferencing on 29.05.2020 @ 14:30 Hrs. Login credentials shall be provided to interested eligible Bidders through email. The Interested eligible bidders shall seek for the Login credentials through email mentioned at ITB 3.

Time: IST 14:30 hrs.

Participation in this Pre-Bid meeting is not mandatory.

- 8. Corrigendum/ Addendums
- 8.1. NHSRCL reserves the right to cancel the tender at any time or amend/ withdraw any of the terms and conditions contained in the Tender Document, without assigning any reason, thereof.
- 8.2. Corrigendum/ Addendums (if any) will be uploaded in the employer's website www.nhsrcl.in and "https://eprocure.gov.in/epublish/app"

Dy. Chief Project Manager-Civil उप मुख्य परिशोजना प्रबंधक-सिविल National High Speak Rail Corporation Ltd. Signature of the NHSRCL लिमिटेड वडोवरा / Vadodara

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- **8.3.** Any time prior to the deadline for submission of Bids, the Employer may amend the Bidding Documents by issuing addenda.
- **8.4.** Corrigendum if any will be available on the official website which may be checked till the date of opening of tender.
- 8.5. It will be the responsibility of the tenderers who had downloaded the documents from the website to submit offer in the updated copy of the tender documents and NHSRCL way may not consider the offers downloaded from website if offer is not submitted in updated tender documents.
- C. Preparation of Bids
- 9. Cost of Bidding

The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Employer shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

10. Inspection of Site before Tendering etc. The Tenderer (s) shall inspect the proposed site of work and acquaint/ themselves with the site conditions, working hours, layout of trees, approach road, pathways available, etc. and all relevant items connected with the execution of work. No claim shall be entertained for the contractor(s) making his/their own arrangements for approaches/ approach road from outside work area and contractor(s) will bear entire expenses such as road taxes, payment for right of way etc. to outsiders and for construction of approaches/approach roads etc.

11. Language of Bid

The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Employer, shall be written in English. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate and authenticated translation of the relevant passages in English in which case, for purposes of interpretation of the Bid, such translation shall govern.

12. Signing of all Bid Papers and

12.1. All the pages of the tender documents, corrigendum/ addendum (if any), Bill of Quantities and accompanying documents must be properly stamped and signed by the

Dy Signature of the NHSRGLivil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड

वडोदरा / Vadodara

NHSRCL National High Spood Rail Corporation Ltd.

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Completing Bill of Quantities

- authorized signatory holding the Power of Attorney on each page. (The bidder shall enclose a copy of Power of Attorney).
- 12.2. Tenders containing erasures and/ or alternations of the tender documents are liable to be rejected. Any correction made by the Tenderer(s) in his/their entries must be attested by him /them.

13. Eligibility of bidders

- **13.1.** The bidder(s) must have executed the tree transplantation works in the past. (attach supporting documents).
- 13.2. The Bidders should not have been blacklisted by any Central/ State Ministry/ Department/ PSUs or Banks etc. The bidding firm has to give a self-certificate to the effect that it has not been blacklisted by any Central Ministry/ Department/ PSUs or Banks, etc. The certificate has to be submitted along with the tender documents.
- **13.3.** The bidder must have PAN, GST registration under applicable laws and should submit copies of the same.
- 13.4. If it is subsequently established or found that the bidder has given any false information or facts or has suppressed facts or manipulated the documents, etc., the bid security or the Performance Deposit, as the case may be, will be forfeited and no excuse what so ever will be entertained there for.
- 13.5. The tenderer is required to submit proof as how they meet the eligibility criteria for the tendered work. In case they do not submit any proof for the same, the offer will be considered incomplete and will be summarily rejected. Tenderer should note that eligibility criteria for similar work will be evaluated only for the works which have been completed at the time of opening of tender.

14. Tenderer(s) credentials

In support of their credentials, the tenderers should submit following documents along with their tenders.

- **14.1.** Certificates and testimonials regarding contracting experience for the type of job for which tender is invited with list of works carried out in the past.
- **14.2.** The bidder must have submitted all the supporting documents required for the substantiation of their qualification.

Dy. Signature of the NHSRCI उप मुख्य परियोजना प्रवंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड यडोदरा / Vadodara

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- 14.3. A copy of notarized affidavit on a 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. 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 documents duly self-attested by which they/he are/is qualifying the Qualifying Criteria mentioned in the Tender Document.
- **14.4.** List of Personnel, Organization available on hand and proposed to be engaged for subject work.
- **14.5.** List of plant & Machinery available on hand (own) and proposed to be inducted (own and hired to be given separately) for the subject work.
- 14.6. List of works completed in the last three financial years and current financial year giving description of work, organization for whom executed, approximate value of contract at the time of award, date of award and date of scheduled completion of work, date of actual start, actual completion and final value of contract etc. should also be given.
- **14.7.** List of works on hand indicating description of work, contract value, and approximate value of balance work yet to be done and date of award.
- 14.8. Note:
 - 14.8.1. In case of items '14.6' and '14.7' above, supportive documents/ certificates from the organizations with whom they have worked/are working should be enclosed.
 - 14.8.2. Deleted.
 - 14.8.3. If tenderer do not submit any proof of meeting with eligibility criteria as laid down in the NIT and tender conditions, offer shall be treated as incomplete and should be summarily rejected.
- 14.9. The NHSRCL reserves the right to verify all statements, information and documents submitted by the bidder in his tender offer, and the bidder shall, when so required by the NHSRCL, make available all such information, evidence

Signature of the NHSRCL

Signature of the Tenderer

Dy. Chief Project Manager-Civil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड



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and documents as may be necessary for such verification. Any such verification or lack of such verification, by the NHSRCL shall not relieve the bidder of its obligations or liabilities hereunder nor will it affect any rights of the NHSRCL thereunder.

- 14.10. In case of any information submitted by tenderer is found to be false forged or incorrect at any time during process for evaluation of tenders, it shall lead to forfeiture of the tender Earnest Money Deposit besides banning of business.
- 14.11. In case of any information submitted by tenderer is found to be false forged or incorrect after the award of contract, the contract shall be terminated. Earnest Money Deposit (EMD), Performance Guarantee and Security Deposit available with the NHSRCL shall be forfeited. In addition, other dues of the contractor, if any, under this contract shall be forfeited and agency shall be banned for doing business.
- 15. Validity of Bid

The validity of the tender offer should be 90 days from the date of the opening.

- 16. Tender fee/ Tender Documnt cost
- 16.1. The tender documents to be downloaded from the official website of National High-Speed Rail Corporation Limited www.nhsrcl.in & https://eprocure.gov.in/epublish/app for submitting the tender.
- 16.2. The Tender fees (non-refundable & non-transferable) must be deposited in the account of NHSRCL through Immediate Payment System (IMPS), National Electronic Fund Transfer (NEFT) or Real Time Gross Settlement (RTGS). The details of the Bank in which the tender document cost is to be deposited is as under.

Bank Account Name: National High-Speed Rail

Corporation Limited

Name of the Bank: HD

HDFC Bank Ltd.

Account No:

57500000079852

Indian Financial

HDFC0000003

System Code (IFSC):

MICR Code

110240001

Dy Signature of the NASRGL उप मुख्य परियोजनी प्रविधायांजनी प्रविधायांचित्री प्रविधायांचित

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- **16.3.** The Tender document cost (as applicable) has to be deposited at least a day before opening of bids by 14:00 hours (Indian Standard Time GMT+5:30).
- 16.4. The acknowledgement/receipt of such payment of tender document cost shall be emailed to the 'Bid Administrator' of the bidding process on the day of submission of tender document cost in NHSRCL's account.
- 16.5. Any bid submitted without Tender document cost shall be considered as invalid and shall not be opened (unless exempted).
- 16.6. You may please note that the documents being allowed to be downloaded with further condition that he/they agree to abide by the conditions laid down hereinafter in tender documents, before submitting his/their tender.
- 17. Earnest
 Money
 Deposit
 (EMD)

17.1. Earnest Money deposit must be deposited in the account of NHSRCL through Immediate Payment System (IMPS), National Electronic Fund Transfer (NEFT) or Real Time Gross Settlement (RTGS). The details of the Bank in which the tender document cost is to be deposited is as under.

Bank Account Name: National High-Speed Rail

Corporation Limited

Name of the Bank: HDFC Bank Ltd.

Account No: 57500000079852

Indian Financial HDFC0000003

System Code (IFSC):

MICR Code 110240001

- **17.2.** The EMD (as applicable) has to be deposited at least a day before opening of bids by 14:00 hours (Indian Standard Time GMT+5:30).
- 17.3. The acknowledgement/receipt of such payment of EMD shall be emailed to the 'Bid Administrator' of the bidding process on the day of submission of tender document cost in NHSRCL's account.

Signature of the NHSRCL

Dy. Chief Project Manager-Civil
उप मुख्य परियोजना प्रबंधक-सिविल
National High Speed Rail Corporation Ltd.

राष्ट्रीय उच्च गति रेल निगम लिमिटेड

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- **17.4.** Any bid submitted without EMD shall be considered as invalid and shall not be opened (unless exempted).
- 17.5. Any deviation in EMD/ Bid Security with regards to amount shall be considered as material deviation and tender shall be dealt accordingly such trender offer liable to be rejected without any reason.
- **17.6.** Bid received without Earnest Money shall be summarily rejected (unless exempted).
- **17.7.** The Tenderer shall hold the offer open for the period of 90 days from the date fixed for opening the same.
- 17.8. The Earnest Money of the unsuccessful tenderer(s) will, save as here-in-before provided, be returned to the unsuccessful tender(s) within 21 days after the finalization of successful tender.
- 17.9. The Earnest Money deposited by the successful Tenderer will be returned after submission of Performance Security and Signing of Contract Agreement.
- 17.10. The technical bid must also contain the details of bank account of the bidder. This account will be used to credit the amount of EMD back into the bidders' account for the unsuccessful bidders, without any interest or any such levy.
- 17.11. The NHSRCL shall not be responsible for any loss or depreciation that may happen to the security for the due performance of the stipulation to keep the offer open for the period specified in the tender documents or to the Earnest Money while in their possession nor be liable to pay interest thereon.
- **17.12. Forfeiture of EMD:** The EMD / Bid Security shall be forfeited as per the provisions given in Tender documents:
 - 17.12.1. If a bidder withdraws its bid during the period of Bid validity specified by the bidder on the letter of bids.
 - 17.12.2. If a bidder misrepresents or causes to misrepresent or omits the facts which are mentioned and reasonably should have been furnished in order to influence the procurement process.
 - 17.12.3. If the successful bidder fails to:
 - Sign the contract agreement as per tender conditions;

Dy. Signature of the WHSRCL उप मुख्य परियाजी मां कि WHSRCL National High Speed Rail Corpolation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड वडोदरा / Vadodara

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- Furnish a performance security in accordance to Tender conditions;
- Accept the corrections of its bid price due to calculations errors;
- 17.12.4. If the affidavit submitted by the bidder or its constituents or any of the declarations of letter of technical bid or letter of price bid submitted by the bidder has found to be false at any stage during the process of bid evaluation.
- D. Submission and Opening of Bids
- 18. Type of Bid

Two packet system

- 19. Bid Administrator
- 19.1. The bidding process will be conducted by a 'Bid Administrator'.
- **19.2.** The information regarding correspondence details of 'Bid Administrator' will be communicated to concerned bidders by email or such other communication means as necessary, in advance.
- 20. The procedure for submission/ Uploading of bids
- 20.1. The completely filled up bid document shall be uploaded on NHSRCL's website by the bidders latest by tender closing date and time mentioned in NIT. The bidders shall seek an uploading link from NHSRCL through email.
- 20.2. A link along with user ID and password, to access the link, shall be provided to the prospective bidders, who so desire, using which the bid document shall be uploaded to the designated site/server.
- 20.3. Both, technical (duly filled technical bid documntes) as well as financial proposal (duly filled price bid) will be uploaded as two separate password protected PDF documents. The documents will be password protected individually. Both these documents will be zipped together in one folder. The passwords will not be shared by the bidders at the time of uploading.
- 20.4. The link given for uploading the bid documents shall expire at a given time and date and will no longer be available for uploading of documents. This will ensure the bid document submission deadlines are honoured. In case a bidder uploads more than one bid document, the last one

Signature of the NHSRCL Dy. Chief Project Mahager-Civil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड संडोदरा / Vadodara



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- of the uploaded document will be considered for bid process.
- 20.5. The bidders must ensure that their bid submissions to NHSRCL are free from virus/malware/ransomware or such similar unwanted software code.
- 21. Documents to be submitted by the Bidder
- **21.1.** The bidder has to submit the following documents along with

Technical Proposal (password protected 1st PDF file)

- 21.1.1. Deposit recipt of Tender document cost
- 21.1.2. Deposit recipt of Earnest Money Deposit
- 21.1.3. Tender documents duly signed by the authorized signatory
- 21.1.4. Self-certified copy of GST Certificate
- 21.1.5. Self-certified copy of Pan Card
- 21.1.6. Bank details along with cancelled cheque as per the format at Form-TB6
- 21.1.7. A copy of authorisation letter/ Power of Attorney of authorised signatory.
- 21.1.8. The bidding firm has to give an affidavit stating that all the documents submitted are true and correct in the format attached. If the certificates regarding eligibility criteria submitted are found to be forged/false or incorrect, the action shall be taken.
- 21.1.9. The bidding firm has to give a self-certificate to the effect that it has not been blacklisted by any Central Ministry/ Department/ PSUs or Banks, etc. The certificate has to be submitted along with the tender documents. If it is subsequently established or found that the bidding firm has given any false information or facts or has suppressed facts or manipulated the documents, etc., the bid security or the Performance Deposit, as the case may be, will be forfeited and no excuse what so ever will be entertained there for.
- 21.1.10. Tenderer Credentials certifying the eligibility criteria, other documents required as per the Tender conditions etc.

Signature of the NHSRCL Dy. Chief Project शिवाश्रवहा-Civil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड

वडोटरा / Vadodara



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Financial proposal/ Price Bid (password protected 2nd PDF file)

21.1.11. Letter of Price bid and duly filled Bill of Quantities.

E. Evaluation and Award of Contract

22. Procedure of Submission, Opening and Evaluation of Bid

Submission of Password and Opening of Technical Bids

- 22.1. For opening of the technical bids on a notified date, a virtual on-line meeting (zoom/webex or other similar meeting platform) will be held inviting the bidders who have submitted the bids. The invitations for online meeting will be sent by email along with the information of the software/platform to be used for meeting.
- **22.2.** The 'Bid Administrator', who will be conducting the meeting will be notified to the bidders over email.
- 22.3. A window of 30 minutes, from the time of commencement of online tender opening meeting, would be given to all the bidders who have submitted the bids to provide their password for opening of the submitted technical bid, to the 'Bid Administrator' of the meeting privately through chat or as an SMS/WhatsApp message on the number provided in advance through email.
- **22.4.** All technical bids would be opened by the 'Bid Administrator' for the meeting, using the password so provided during the meeting, one by one.
- 22.5. In case it is not possible to open the file, which contains the technical bid, due to any reason whatsoever, the bid shall be disqualified.
- **22.6.** The entire online meeting of opening of Technical bid shall be recorded and kept for records and confirmation.
- 22.7. For opening of the Technical Bid, the bidder must make every effort to be present for the online technical bid opening meeting. However, for any reason whatsoever, the bidder is not able to join, but is able to send his password, the bidder's offer would be considered as Valid.
- 22.8. The outcome of the Technical Bid evaluation will be informed to all the bidders through email.

Signature of the NHSRCL

Signature of the Tenderer

Dy. Chief Project Manager-Civil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड



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Password submission and opening of Financial Bids

- **22.9.** For opening of the financial bids, procedure as outline in Para 22.1 to 22.4 as illustrated above will be followed for the opening of financial bid.
- **22.10.** The opened financial bids would be shown on the screen online to the participating bidders.
- 22.11. In case it is not possible to open the file, which contains the financial bid, due to any reason whatsoever, the bid shall be disqualified.
- **22.12.** The opened bids will be recorded on a summary sheet indicating bidder's name and their financial quote. This summary sheet will be displayed on screen, in the meeting by the 'Bid Administrator'.
- **22.13.** The entire online meeting of opening of financial bid shall be recorded and kept for records and confirmation.
- 22.14. For opening of the Financial Bid, the bidder must make every effort to be present for the online financial bid opening meeting. However, it for any reason, the bidder is not able to join, but is able to send his password, the bidder's offer would be considered as Valid.

Other Instructions/Guidelines

- **22.15.** The bidders must ensure that their bids are complete in all respects and that **their bids are password protected**.
- 22.16. The bids so submitted must be capable of opening with 'Adobe Acrobat Reader' and/or Adobe Acrobat. Use of any proprietary software for encrypting PDF or passwords leading to non-opening or readability of the submitted bid, will render the bid invalid.
- **22.17.** The bidders must check the integrity of bids to be submitted before uploading the same.
- **22.18.** The bidders must ensure that the bids are clearly marked as Technical and Financial indicating the name of the bidding agency.
- 22.19. The bidders and/or their authorised representative(s) must make every effort to be present in the virtual online meeting (Zoom/Webex or other similar meeting platform) while opening of the bids.
- 22.20. If a bidder has shared the password with the 'Bid Administrator' for the opening of financial bid document

Signature of the NHSRCL उप मुख्य परियोजनी प्रवेद्ध Ruled National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड वडोदरा / Vadodara

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but is unable to be present in the online financial bid opening process, the bid will be considered as valid.

- 23. Deviation/
 Special
 Condition
 quoted by the
 tenderers
- 23.1. "Tenderers should submit their offer strictly in accordance with the terms and conditions of the tender document. Tenderer should not quote any deviation from the tender document and should not quote any conditions.
- 23.2. Nevertheless, as an exception, if any unavoidable deviations or conditions are quoted by the tenderers, financial impact of each of such conditions/deviations on their quoted unit rates, in terms of Rupees per unit rate, shall be clearly mentioned by the tenderer in the tender offer.
- 23.3. If any of the deviation/condition has no financial impact on the quoted rates, in such cases also, the tenderer must clearly mention its financial impact as 'NIL'. This is required for proper financial evaluation of such conditional / deviated offers.
- 23.4. Conditional offers / offers with deviations, without quantified financial impact of each of the condition / deviation on the quoted rates, shall be considered as "incomplete" and shall be summarily rejected."
- 24. Correction of Arithmetical Errors
- **24.1.** Provided that the bid is substantially responsive, the Employer shall correct arithmetical errors on the following basis:
 - 24.1.1. if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Employer there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
 - 24.1.2. if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
 - 24.1.3. if there is a discrepancy between words and figures, the amount in words shall prevail, unless

Signature of the NHSRCL
Dy. Chief Project Manager-Civil
उप मुख्य परियोजना प्रबंधक-सिविल
National High Speed Rail Corporation Ltd.
राष्ट्रीय उच्च गति रेल निगम लिमिटेड
बडोदरा / Vadodara

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the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (24.1.1) and (24.1.2) above.

- 24.2. Bidders shall be requested to accept correction of arithmetical errors. Failure to accept the correction in accordance with ITB 24.1, shall result in the rejection of the Bid.
- 25. Employer's
 Right to
 Accept Any
 Bid, and to
 Reject Any or
 All Bids.
- 25.1. NHSRCL reserves the right to cancel the tender at any time or amend/ withdraw any of the terms and conditions contained in the Tender Document, without assigning any reason, thereof.
- 25.2. NHSRCL reserves the rights to reject any or all of the tenders without assigning any reason thereof, and is not liable to accept the lowest tender or any of the tenders.
- 25.3. RIGHTS OF NHSRCL TO DEAL WITH TENDERS:- The authority for the acceptance of the Tender will rest with the NHSRCL. It shall not be obligatory on the said authority to accept the lowest tender or any other tender and no tenderers shall demand neither any explanations for the cause of rejection of his/ their tender nor the NHSRCL to assign reasons for declining to consider or reject any particular tender or tenders.
- 26. Notification of Award
- 26.1. Prior to the expiration of the period of Bid validity, the Employer shall notify the successful Bidder, in writing, that its Bid has been accepted. The notification letter (hereinafter and in the Conditions of Contract and Contract Forms called the "Letter of Acceptance") shall specify the sum that the Employer will pay the Contractor in consideration of the execution and completion of the Works (hereinafter and in the Conditions of Contract and Contract Forms called "the Accepted Contract Price").
- **26.2.** Until a formal contract is prepared and executed, the Letter of Acceptance along with all the tender conditions and corrigendum shall constitute a binding Contract.

Signature of the NHSRCL ivil Dy. Chief Project Manager उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड वडोदरा / Vadodara



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Section-3 Conditions of Contract

Signature of the NHSRCL

Dy. Chief Project Manager-Civil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड

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Section-3 Conditions of Contract

1. General 1.1. Definitions

- 1.1.1. **Employer/ Client:** National High Speed Rail Corporation Limited.
- 1.1.2. Contractor: The Successful bidder, whose bid was accepted by the Employer and issued the Letter of Acceptance.
- 1.1.3. Letter of Acceptance: means the letter of formal acceptance, signed by the Employer and issued to the successful bidder.
- 1.1.4. Day means a calendar day
- 1.1.5. Month means a calendar month.
- 1.1.6. Year means 365 days
- 1.1.7. Commencement date: The date mentioned in the Letter of acceptance or the date mentioned in the separate notice for the commencement of work as per Clause 4.1.
- 1.1.8. Accepted Contract Price: means the amount accepted in the Letter of Acceptance for the design, execution and completion of the Works and the remedying of any defects.
- 1.1.9. Laws: means all national (of state) legislation, statites, ordinances and other laws, and regulations and by-laws of any legally constituted public authority.
- 1.1.10. **Time for the Completion:** as defined in the Sub-Clause 4.2 of these contract conditions.

1.2. Interpretation

In the Contract, except where the context requires otherwise:

- 1.2.1. words indicating one gender include all genders;
- 1.2.2. words indicating the singular also include the plural and words indicating the plural also include the singular;
- 1.2.3. provisions including the word "agree", "agreed" or "agreement" require the agreement to be recorded in writing, and

Dy. Signature of the NHSRCL उप मुख्य परियोजना प्रवंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड यडोदरा / Vadodara

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- 1.2.4. "written" or "in writing" means hand-written, typewritten, printed or electronically made, and resulting in a permanent record.
- 1.2.5. Throughout these bidding documents, the terms "bid" and "tender" and their derivatives ("bidder"/ "Tenderer") "bid/tendered", "bidding"/ "tendering" etc. are synonymous.

The marginal words and other headings shall not be taken into consideration in the interpretation of these Conditions.

The Employer
 Right of Access

to the site

- 2.1.1. The Employer shall grant the Contractor right of access to, and / or possession of the Site progressively based on the land acquisition progress for the completion of Works.
- 2.1.2. The right and possession may not be exclusive to the Contractor/ Purchaser.
- 2.2. Permits, Licenses or Approvals

It shall be Contractor's exclusive responsibility to get approvals, permits or license required for the Contract. However, the Employer may (where he is in a position to do so) provide reasonable assistance to Contractor at the request and cost of the Contractor in getting Permits, License or Approvals required during the Contract.

The rendering of such assistance by the Employer shall not be interpreted as a pretext by the Contractor as condoning of any delay or non-performance of any of the Contractors obligations. The following-up of all such applications shall be the responsibility of the Contractor.

2.3. Assignment by the Employer

The Employer shall be fully entitled without the consent of the Contractor, to assign the benefit of the part thereof and any Interest therein or thereunder to any third party

- 3. The Contractor
- 3.1. Contractor's General Obligations
- 3.1.1. The Contractor shall plan, execute and complete the Works in accordance with the Contract.

Signature of the NHSRCL
Dy. Chief Project Manager-Civil
उप मुख्य परियोजना प्रबंधक-सिविल
National High Speed Rail Corporation Ltd.
राष्ट्रीय उच्च गति रेल निगम लिमिटेड
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- 3.1.2. The Contractor shall execute the work with the utmost care and by taking all necessary safety precautions.
- 3.1.3. The Contractor shall provide the Materials, Plant and Machinery, Tools and all Contractor's Personnel, Goods, consumables and other things and services, whether of a temporary or permanent nature, required in and for the execution of work.
- 3.1.4. It is deemed that the Contractor has inspected the proposed site of work and acquaint/ themselves with the site conditions, working hours, layout of trees, approach road, pathways available, etc. and all relevant items connected with the execution of work. No claim shall be entertained for the contractor(s) making his/their own arrangements for approaches/approach road from outside site and contractor(s) will bear entire expenses such as road taxes, payment for right of way etc. to outsiders and for construction of approaches/approach roads etc.

3.2. Performance security

- 3.2.1. The Contractor shall submit the Performance Security equal to 5% of Accepted Contract Price to the Employer within 28 days after receiving the Letter of Acceptance.
- 3.2.2. Performance security shall be valid for a period of 60 days beyond Defects Notification Period/ Maintenance period.
- 3.2.3. The Performance security shall be submitted in any of the following forms:
 - 3.2.3.1. Bank Draft in favor of National High-Speed Rail Corporation Limited payable at Vadodara from a Scheduled Commercial Bank based in India, or
 - 3.2.3.2. Fixed Deposit Receipt of a Scheduled Commercial bank/ Post offices based in India duly pledged in favor of National High-Speed Rail Corporation Limited or
 - 3.2.3.3. Irrevocable Bank Guarantee in the prescribed format issued by a Scheduled

Signature of the NHSRCL ivil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड बडोदरा / Vadodara

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Commercial Bank based in India or from a branch in India of a scheduled foreign bank

- 3.2.3.4. A Performance Security from Cooperative Banks shall not be acceptable, in any manner or form.
- 3.2.3.5. In case of a Joint Venture (JV)/
 Consortium, the performance security is
 to be submitted in the name of the
 JV/Consortium. However, splitting of the
 performance security (while ensuring the
 security is in the name of JV/Consortium)
 and its submission by different members
 of the JV/Consortium for an amount
 proportionate to their scope of work or
 otherwise is also acceptable.
- 3.2.3.6. The Performance Guarantee would be valid for a period of 60 days beyond the Defect Notification Period/ Maintenance period.
- 3.2.4. Refund of the Performance Security: The Employer may return the Performance Security to the Contractor: Within 21 days after the issue of the Performance Certificate (issued on expiry of Defect Liability Period/ Maintenance period) and after ensuring that the Contractor has removed any remaining Contractor's Equipment. material, wreckage, rubbish and Temporary Works from the Site and has reinstated all parts of the Site which were affected by the Contractor's activities during the execution of the Works and are not occupied by the Permanent Works; It must also be ensured that such are indicated in Contract Agreement.
- 3.3. Representation of Works

3.3.1. The Contractor shall, when he is not personally present on the site of the works place, keep a responsible representative at the works during working hours who shall on receiving reasonable

Signature of the NHSRCL

Signature of the Tenderer

Dy. Chief Project Manager-Civil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

notice, present himself to the Engineer and orders given by the Engineer or the Engineer's representative to the agent shall be deemed to have the same force as if they had been given to the Contractor.

3.3.2. Before absenting himself, the Contractor shall furnish the name and address of his representative for the purpose of this clause and failure on the part of the Contractor to comply with this provision at any time will entitle the NHSRCL to rescind the contract under Clause 10 of these Conditions.

3.4. Safety Procedures

The Contractor shall comply with all applicable safety regulations, take care for the safety of all persons entitled to be on the Site.

3.5. Sufficiency of the Accepted Contract Amount

The Contractor shall be deemed to have satisfied himself as to the correctness and sufficiency of the Contract Price. Unless otherwise stated in the Contract, the Contract Price shall cover all his obligations under the Contract and all things necessary for the proper execution and completion of the Works.

3.6. Access Route

The Contractor shall be deemed to have satisfied himself as to the suitability and availability of the access routes he chooses to use. The Contractor shall obtain any permission concessions and related easement right that may be required from the relevant authorities for the use of such routes, signs and directions.

The Employer will not be responsible for any claims which may arise from the use or otherwise of any access route. The Employer does not guarantee the suitability or availability of any particular access route, and will not entertain any claim for any non-suitability or non-availability for continuous use during the work of any such route.

3.7. Contract to keep site clear

During the execution of the Works, the Contractor shall keep the Site free from all unnecessary obstruction, and shall store or dispose of any Contractor's Equipment and

Dy. Signature of the NHSRCIvil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड वडोदरा / Vadodara



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materials/ consumable. The Contractor shall clear away and remove from the Site, any wreckage, rubbish or Temporary Works which are no longer required.

On completion of the works, the Contractor shall clear away and remove from site all Contractor's Plant, materials and Temporary Works etc. He should leave the whole of the site and Works in a clean, tidy and workman like condition to the satisfaction of the Engineer / Employer.

3.8. Security of the site

The Contractor shall be wholly responsible for security of the site and the materials, consumables, Plant & Equipment in the site.

3.9. Staff and Labour

- The Contractor shall make his own arrangements for the engagement of staff and labour at his own cost.
- 3.9.2. The Contractor shall be responsible to ensure compliance with the provision of the Minimum Wages Act, 1948 (hereinafter referred to as the "said Act" in this Sub Cl. 3.8) and the Rules made thereunder in respect of any employees directly or through petty contractors or subcontractors employed by him.
- 3.9.3. If, in compliance with the terms of the contract, the Contractor supplied any labour to be used wholly or partly under the direct orders and control of the NHSRCL whether in connection with any work being executed by the Contractor or otherwise for the purpose of the NHSRCL such labour shall, for the purpose of this Clause, still be deemed to be persons employed by the Contractor.
- 3.9.4. If any moneys shall, as a result of any claim or application made under the said Act be directed to be paid by the NHSRCL, such money shall be deemed to be moneys payable to the NHSRCL by the Contractor and on failure by the Contractor to repay the NHSRCL any moneys paid by it as aforesaid within seven days after the same shall have been demanded, the NHSRCL shall be

Signature of the NHSRCL

NHSRCL National High Stoopel Ball Commarting Ltd.

Tender No.: NHSRCL/BRC/2020/28

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entitled to recover the same from any moneys due or accruing to the contractor under this or any other Contract with the NHSRCL.

- 3.10. Contractor's responsibility to arrange Tools, Plants, Machinery etc.
- 3.10.1. The contractor should make their own arrangements for all plants and tools required for the successful completion of the work in time.
- 4. Commencement, Delays and Suspension
- 4.1. Commencement of Works

The Commencement Date shall be the date mentioned in the Letter of Acceptance or Notice of Commencement, which will be issued by the Employer/ Employer's representative to the Contractor.

4.2. Time for the Completion of Work

The Contractor shall complete all the works (stated in detailed scope of work) within the time period mentioned in Section-1: Notice Inviting Tender of the instant work from the date of commencement date.

- 4.3. Suspension of Work
- 4.3.1. The Engineer may at any time instruct the Contractor to suspend progress of part or all of the Works, which may be required for the safety or statutory requirement or for any other purpose where suspension is unavoidable. During such suspension, the Contractor shall protect, store and secure such part or the Works against any deterioration, loss or damage.
- 4.3.2. Nothing shall be paid extra of what so ever nature due to such suspension of work.
- 5. Contract Price and Payment
- 5.1. The Contract Price
- 5.1.1. The 'Contract Price' to be quoted shall, except in so far as it is otherwise provided under the Contract, include all Plant & machinery, labour, supervision, materials, consumables, erection, insurance, profit,

Signature of the NHSRCL
Dy. Chief Project Manager-Civil
उप मुख्य परियोजना प्रबंधक-सिविल
National High Speed Rail Corporation Ltd.
राष्ट्रीय उच्च गति रेल निगम लिमिटेड

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overheads, duties, royalties, together with all general risks, liabilities, and obligations set out or implied in the Contract; and Price/rates quoted by the contractor in respect of the contract shall be after considering all Input Credits and inclusive of all taxes and cess etc. other than GST on Contract Price.

- 5.1.2. The GST leviable on Contract Price shall be paid in addition to the Contract Price on submission of documentary proof.
- 5.2. Payment Schedule
- 5.2.1. The payment towards the transplantation works will be made on following stages
 - 5.2.1.1. 60% of the payment as per the accepted rate will be released after successful transplantation of the standing trees.
 - 5.2.1.2. 40% of the payment as per the accepted rate will be released after survival of trees to the satisfaction of NHSRCL at the end of the maintenance period of 3 (three) months.
- 5.2.2. Tenderer should note that, survival of trees in any case should not be less than 80%. In case of nonsurvival of trees beyond 20%, the amount towards non-survived trees beyond 20% shall be deducted from the RA bills based on the accepted rates.
- 5.2.3. The successful tenderer has to submit proof of survival of transplanted trees to Engineer in charge of work on regular basis and along with the Interim bills.
- 5.2.4. The Contractor has to maintain the log book for each tree to be maintained and shall submit the same along with the on-account bill/ Interim payment application.
- 5.2.5. The Contractor shall submit the bill on every month for the work executed in each month along with all the supporting details.
- 5.3. Retention Money

5.3.1. An amount of 10% of Gross Interim Payment (including GST) will be deducted towards the

Signature of the NHSRCL Dy. Chief Project Manager-Civil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड वडोदरा / Vadodara



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Retention money up to maximum limit of 5% of the Accepted Contract Price.

5.3.2. The retention money will be released after the completion of work as per the NHSRCL requirements.

5.4. Price Adjustment

No price variation/ price adjustment is applicable under this work / Contract.

6. Completion Certification

The Completion certificate by the Competent Authority of NHSRCL will be issued after the completion of works as stated in the scope of work and clearance of the site to the satisfaction of the NHSRCL representatives.

7. Limitation of liability

Except in cases of criminal negligence of willful non-performance or willful default, the Contractor shall not be liable to the Employer, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs and the aggregate liability of the Contractor to the Employer, whether under the Contract, in tort or otherwise, shall not exceed the 100% (Hundred Percent) of the contract price plus escalation if applicable as per contract, provided that this limitation shall not apply to any obligation of the Contractor to indemnify the Employer with respect to copyright, patent infringement and statutory liabilities in general that the Employer may be required to additionally bear due to default of the Contractor.

8. Indemnity

The Contractor shall at all times indemnify the NHSRCL against all claims which may be made in respect of the said work for infringement of any right protected by patent registration design or trade mark; provided always that in the event of any claim in respect of an alleged breach of a patent registered design or trade mark, being made against the NHSRCL he shall notify the Contractor of the same and the Contractor shall be at liberty, but at his own expense, to conduct negotiations for settlement or any litigation that may arise there from.

Signature of the NHSRCL

NHSRCL Matinesial 4610th Science Fittil Organization Ltd

Tender No.: NHSRCL/BRC/2020/28

Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

9. Force Majeure

In the event of any unforeseen event directly interfering with the work arising during the currency of the contract, such as insurrection, restraint imposed by the Govt. act of legislative or other authority; war, hostilities, civil commotion, fires, floods, explosion epidemics, quarantine restrictions, or acts of God, the Contractor shall, within a week from the commencement thereof, notify the same in writing to the NHSRCL with reasonable evidence thereof. If the force majeure condition(s) mentioned above be in force for a period of 90 days or more at any times, the NHSRCL shall have the option to terminate the contract on expiry of 90 days of commencement of such force majeure by giving 14 days' notice to the Contractor in writing. In case of such termination, no damages shall be claimed by either party against the other, save and except those which had occurred under any other clause of this contract prior to such termination.

10. Termination

NHSRCL may terminate, by not less than 7 (seven) days' written notice of termination to the Contractor, to be given after the occurrence of any of the events as specified below:

- 10.1. If the Contractor commits breach of contract or do not remedy/ rectify a failure in the performance of their obligations under the Contract.
- **10.2.** If the Contractor become insolvent or bankrupt.
- 10.3. If the Contractor is unable to perform the desired services for a period of not less than seven (7) days, or
- **10.4.** If the NHSRCL, in its sole discretion, decided to terminate the Contract at any stage.
- 10.5. In the event of a report of unsatisfactory service from the concerned NHSRCL officials, after taking into consideration any other fact as may be relevant on a case to case basis.
- 10.6. In the event of violation of any of the terms & conditions of Contract by the Contractor, the Performance Security amount/ Retention Money

Signature of the NHSRC bivil Dy. Chief Project Manager शिवल अवध्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड वडोदरा / Vadodara



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shall stand forfeited in addition to blacklisting of Service Providing Agency for a period of 3 years.

11. Arbitration

- 11.1. All disputes, if any, arising amongst the contracting parties shall be resolved by arbitration. The arbitration shall be conducted in English language and the venue of the arbitration shall be in Delhi.
- 11.2. The sole arbitrator will be appointed by the Managing Director, NHSRCL, New Delhi, whose decision in this regard will be final & binding.

12. Jurisdiction

The parties hereby irrevocably consent to the sole jurisdiction of the Courts in Gujarat only in connection with any actions or proceedings arising out of or in relation to this bid.



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Section-4 Technical Bid Formats

Signature of the NHSRCL

Dy. Chief Project Manager-Civil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड



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Section-4 Technical Bid Formats

S. No	S. No Form Particulars	
1	Form-TB1	A Proforma of Power of Attorney (POA)
2	Form-TB2	Affidavit
3	Form-TB3	Summary of the Similar Project Implemented during last Three year
4	Form-TB4	List of Contractor's personnel available in Organization and intended to deploy for this work
5	Form-TB5	List of Contractor's Plant and machinery intended to deploy for this work
6	Form-TB6	Format for Payment through "NEFT/RTGS" System
7	Form-TB7	Decleration



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Form-TB1

(Technical bid format)

A PROFORMA OF POWER OF ATTORNEY

(On Non Judicial Stamp Paper of adequate value as per the Jurisdiction)

Know all men by these presents I/We,, son/ daughter/ wife of
Mr, aged years, citizen of,
presently residing at, Managing Director/ Chief Executive Officer/
Partner of M/s
incorporated in India under the Partnership Act/Companies Act, 1956/ Companies Act,
2013 and having its registered office at(hereinafter called
"the Principal") by virtue of the resolution passed at the Meeting of the Board of
Directors of the Company held on or deed/resolution of the Firm dated
or the Power of Attorney dated granted to me pursuant to the resolution
passed at the meeting of Board of Directors of company held on or
deed/resolution of the Firm dated, delegated to me/us certain powers to act
on behalf of the company/firm for various purposes. As per the said delegation, I/We
have been authorized to appoint and substitute any person or persons to exercise all
or any of certain powers delegated to me/us by the Company/Firm and/or to grant
Powers of Attorney to the officers and employees of the Company/Firm to perform
various acts, deeds and things required to be done by the Company/Firm.
생용하게 되었습니다. 그 사람들은 사람들이 가장 없었습니다. 그 사람들이 되는 것이 되었습니다. 그런 그런 그런 그런 그런 사람들이 가장 되었습니다. 그런 그런 그런 그런 그런 그런 그런 그런 그런 그 사람들이 살아보고 있습니다. 그런 사람들이 그런
Whereas National High Speed Rail Corporation Limited ("NHSRCL"), has invited
proposals from interested parties for the work of
at
(Project/works).
Whereas,(name of the Contractor), the Principal is interested in
bidding for the Project/ subject works in accordance with the terms and conditions of
the Tender document, bearing No, dated, dated
and other connected documents in respect of the Project/works, and
이 선생님이 있다는 것이 되었다. 그 사이를 보고 있는데 이번 사람들이 되었다. 그는데 이번 사람들이 되었다.
Whereas, it is necessary for the Principal to delegate to one of the employee /
partner(s) / director with all necessary power and authority to do for and on behalf of
the(name of the Contractor), all acts, deeds and things as may be
necessary, including but not limited to representing the Contractor, signing of tender
documents, bills, measurement books, drawings and other related documents in
connection with the Bid for the Project/works and its
execution.
Signature of the NHSRCL Signature of the Tenderer
Signature of the refiderer

Dy. Chief Project Manager-Civil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

NOW THESE PRESENTS	WITNESSETH that I/we do	hereby designate, nominate,
constitute appoint and irrevo	ocably authorise Mr./ Ms	, son/daughter/wife
of Mr,	aged years	s, citizen of,
presently residing at	[spe	cify designation] and whose
signatures are given below	, as true and lawful Attorne	ey of the Principal(hereinafter
referred to as the "Attorney"	"), to have and exercise in t	he name and on behalf of the
Principal the powers and au	uthorities hereinafter mention	ned:

- To execute all required documents and conduct all business for and on behalf
 of the Principal during the Bidding process of the Project/works and, in the event
 Principal is awarded the contract, during the execution of the Project/works; and
- 2. To do on behalf of the Principal, all or any of such acts, deeds or things as are necessary or required or incidental to the selection of the Principal and signing and submission of its Bid/tender for the Project/works, including but not limited to signing and submission of all applications, bids and other documents and writings, participate in bidders' and other conferences, respond to queries, submit information/documents, sign and execute contracts and undertakings consequent to acceptance of the Bid of the Principal and generally to represent the Principal in all its dealings with NHSRCL, and/ or any other Government Agency or court/judicial authority or any person, in all matters in connection with or relating to or arising out of the Contractor's bid for the Project/works and/ or upon award thereof till the agreement for the Project/works is entered into with NHSRCL and thereafter till the completion of the project/works and expiry of the contract agreement.

AND We/I hereby agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things done or caused to be done by our said Attorney pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by said Attorney in exercise of the powers hereby conferred shall always be deemed to have been done by me/us

This Power of Attorney shall stand revoked on issuance of a new Power of Attorney issued with regard to this Project/works or if earlier revoked by me or the Company/Firm.

Given under the hand of the within named[name of individual] on this day of[month][year].

[Signature of Managing Director/ Director/Partner(s)/Other authorised person]

Signature of the NHSRCLil Dy. Chief Project Manual उप मुख्य परियोजना प्रवंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड वडोदरा / Vadodara



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[Name	e of Company/Firm]
[date] [place	
I acce	ept
[Signa [date] [place	
Witne 1. 2.	sses:
Notes	(15) 이렇게 얼마나 있는데 이렇게 되었다. 그렇게 되었다. 그 그 사람이 되었다. 그리고 말했다. 15)
•	The mode of execution of the Power of Attorney shall be in accordance with the charter documents of the executants(s) and when it is so required, the same shall be under common seal affixed in accordance with the required procedure.
•	Also, wherever required, the Tenderer shall submit for verification the extract of the charter documents and documents such as a board or shareholders' resolution/ power of attorney in favour of the person executing this Power of

Attorney for the delegation of power hereunder on behalf of the Tenderer.

Signature of the NHSRCL Dy. Chief Project Mahager-Civil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड वडोदरा / Vadodara



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Form-TB2

(Technical Bid Format)

AFFIDAVIT

(Duly Attested by the Notary)

I
resident of
Police Station District
Contractor/ Partner or sole proprietor/ authority representative (Strike out the word which is inapplicable) of firm contractor M/s
Deponent (With Stamp of Firm)
Place:
Dated:
Address Tel. No. Mobile No.
I do hereby solemnly declare and affirm that the above declaration is true and correct
to the best of my knowledge and belief. No part of it is false and nothing has been concealed.
Deponent (With Stamp of Firm)
Place:
Dated:
Address Tel. No. Mobile No.

Signature of the NHSRCCivil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड

वडोदरा / Vadodara



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Form-TB3

(Technical bid format)

Summary of the Similar Projects Implemented in past

(on the Letter head of the Bidder)

S. No.	Financial Year	Name of the Organization	Project Specification	Original Contract value (Rs.)	Completed Contract Value (Rs.)	Present status of the project
1						
2				P ^R September 1		
3						
4						
5						
6						
7						
8						
9						
10						

Note: attach supporting docum	nets.	». «	
			Signature of the Bidde

Signature of the NNSRCL
Dy. Chief Project Manager-Civil
उप मुख्य परियोजना प्रबंधक-सिविल
National High Speed Rail Corporation Ltd.
राष्ट्रीय उच्च गति रेल निगम लिमिटेड
वडोदरा / Vadodara



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

Form-TB4

(Technical bid format)

List of Contractor's personnel available in Organization and intended to deploy for this work

(on the Letter head of the Bidder)

SI. No.	Name of the Personnel	Education Qualification	Experience	Remarks
1				
2				
3				
4				4.10
5				
6				
7				
8				
9				
10				

Signature of the Bidder

Signature of the NHSRCL II Oy. Chief Project Manager उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड वडोदरा / Vadodara



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Form-TB5

(Technical bid format)

List of Contractor's Plant and machinery intended to deploy for this work

(on the Letter head of the Bidder)

SI. No.	Equipment name	Make and Model	Equipment Age	Own/ Hired
1		8 80		
2				
3		Tele J. A. T.		
4				
5				
6				
7		η ν α ν α ν		
8				
9				
10				

Signature of the Bidder

Signature of the NHSRCL

Dy. Chief Project Manager-Civil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड Signature of the Tenderer

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Form-TB6

(Technical bid format)

Format for Payment through "NEFT/RTGS" System

(on the Letter head of the Bidder)

Sr. No.	Name of Party	Detail given by contractor/Vendor
1	Name of the Bidder	
2	Address of the Bidder	
3	Name of the Bank Branch	
4	Address of the Bank	
5	Account Number	
6	MICR Code	
7	IFS Code	
8	Mobile No. (for SMS)	
9	E-Mail ID	
10	PAN Number (attach the self-attested copy)	
11	GST Certificate (attach the self- attested copy)	
12	Additional details (if any)	

Note:-

-Please attached Xerox copy of 1st page of pass book (Containing account number, name of account holder, branch name) and Xerox of one blank cheque (for IFS code) to ensure the prompt payment.

Signature of the Bidder

Signature of the NHSRCL vill Dy. Chief Project Manage स्थिए। उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड



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Form-TB7 (Technical bid format) DECLARATION

1. I AM/WE ARE NOT RELATED TO ANY ONE EMPLOYEE ON ANY CAPACITY BY THE NHSRCL.

OR

2. I/WE DRAW ATTENTION TO THAT FACT THE I/WE ARE RELATED TO THE FOLLOWING EMPLOYEES OF THE NHSRCL.

Sr. No.	Name of the Employee	Department	Degree of Relationship
		, 8,	
		*	
		*	
		2 * 4	
		2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

	, e li di		
ADDRESS: -	· · · · · · · · · · · · · · · · · · ·		
NOTE: - ITEMS WHICH IS NOT APP	LICABLE SHO	DULD BE STR	RUCK OFF.

Signature of the NHSRCL

Dy. Chief Project Manager-Civil
उप मुख्य परियोजना प्रबंधक-सिविल
National High Speed Rail Corporation Ltd.
राष्ट्रीय उच्च गति रेल निगम लिमिटेड



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

Section-5 Annexures/Performs

Signature of the NHSRCLivil Dy. Chief Project Manager-Civil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड वडोदरा / Vadodara



Alkapuri, Vadodara – 390007.

Tender No.: NHSRCL/BRC/2020/28

Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

Annexure-1 Letter of Technical Bid/ Form of Bid

(on the letter head of the hidder)

	(on the letter head of the bidder)	
	Date:	
Name of work: -	Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.	
To,		
The Chief Project	Manager,	
NATIONAL HIGH	SPEED RAIL CORPORATION LIMITED,	

- have read the various 1. I/We conditions to the Tender attached hereto and hereby agree to abide by the said conditions. I/We also to keep this tender open for acceptance for a period of 90 days from the date fixed for opening the same and in default there of I/We will be liable for forfeiture of my/our earnest money deposit. I/We offer to do the work for Chief Project Manager, National High-Speed Rail Corporation Limited (NHSRCL), Vadodara at the rates guoted in the attached Schedule and hereby bind myself/ourselves to complete the work in all respect within 03 Months from the date of issue of letter of acceptance of the Tender.
- 2. We are not participating, as a Bidder or as a subcontractor, in more than one Bid in this bidding process
- I/We also hereby agree to abide by the Conditions of Contract and other Tender 3. conditions.
- Bid must be accompanied by an Earnest Money Deposit Rs. 1,89,303.00 (Rupees 4. One Lakh Eighty Nine Thousand Three hundred and Three Only) in the form of Pay Order/ Demand Draft in favour of National High-Speed Rail Corporation Limited, payable at New Delhi from a scheduled commercial bank. Please note that no interest is payable on the EMD so long retained in NHSRCL. Bid received without Earnest Money shall be summarily rejected (unless exempted).
- The full value of the Earnest Money shall stand forfeited without prejudice to any 5. other right or remedies in case my/our tender accepted and if.

Signature of the NHSRCL Dy. Chief Project Manager-Civil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड

वडोदरा / Vadodara



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

- (A) I/We do not execute the contract documents within Seven days after receipt of notice issued by the NHSRCL that such documents are ready and
- (B) I/We do not commence the work within Ten days after receipt of orders to that effect.
- Until a formal agreement is prepared and executed, acceptance of this Tender shall
 constitute a binding Contract between us subject to modifications as may be
 mutually agreed to between us and indicated in the letter of acceptance of my/our
 offer for this work.
- 7. If, I/We do not execute the contract agreement, the NHSRCL may determine such Tenders has abandoned the contract, and there upon my/our Tender and acceptance thereof shall be treated as cancelled and the NHSRCL be entitled to forfeit full amount of Earnest Money Deposit and to recover the liquidated damages for such default.

Signature of Witness: -	Signature of Tenderer(s)
1)	Date: -
	e vende de la company de produ
2)	
Tenderer's Address:-	

Signature of the NHSRCL Dy. Chief Project Manager-Chil उप मुख्य परियोजना प्रवंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड वडोदरा / Vadodara



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

Annexure-2

A PROFORMA OF CONTRCT AGREEMENT

(On Non Judicial Stamp Paper of adequate value as per the Jurisdiction)

THIS AGREEM	ment No.:		Allocation H	ead:
	ment No.: ENT made on			onth/year)
		Between		. 6
National High-S Employer") of th	Speed Rail Corpora ne one part	tion Limite	ed (NHSRCL), (her	einafter called "the
		And		
M/s	(Contracte	or Name),	having office at	
(Contractors' off part.	fice) (hereinafter call	ed "the Co	ntractor" or "the Ag	ency") of the other
	the Employer		(hereina	after called "the
of the works and	d the remedying of a	ny defects t	therein.	
	has submitted Perfor dated	_		
	in w			
name and Brand	ch name) having offic	ce	(bank ac	dress) and is valid
up to	(date).			
for an	has submitted the En amount of Rs.		issued by	bank name
for an	n amount of Rs me) having office		issued by	bank name
now THIS AGE In this Ag	n amount of Rs me) having office	SETH as fo	issued by bank address bllows: s shall have the sar	bank name and is valid up to the meaning as are
now THIS AGE In this Agrespective to. The follow	n amount of Rs ne) having office (date). REEMENT WITNESS preement, words and	SETH as for expression in the Con	issued by bank address bllows: as shall have the sar ditions of Contract h	bank name and is valid up to the meaning as are nereinafter referred
now THIS AGE In this Agrespective to. The follow	n amount of Rs ne) having office (date). REEMENT WITNESS greement, words and rely assigned to them wing documents sha	SETH as for expression in the Con	issued by bank address bllows: as shall have the sar ditions of Contract h	bank name and is valid up to the meaning as are nereinafter referred
now THIS AGE In this Agrespective to. The followas part of	n amount of Rs ne) having office (date). REEMENT WITNESS greement, words and rely assigned to them wing documents sha f this Agreement:	SETH as for expression in the Con	issued by bank address bllows: Is shall have the sar ditions of Contract h	bank name and is valid up to the meaning as are nereinafter referred
now THIS AGE In this Agrespective to. The followas part of	n amount of Rs ne) having office (date). REEMENT WITNESS greement, words and rely assigned to them wing documents sha f this Agreement: REEMENT WITNESS greement, words and rely assigned to them wing documents sha f this Agreement:	SETH as for expression in the Con	issued by bank address bllows: Is shall have the sar ditions of Contract h	bank name and is valid up to me meaning as are nereinafter referred



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

	(a)	Agreement			
	(b)	Letter of Acceptance no).:	dated:	
	(c)	Contractor letter no	date	d regardir	ng
		submission of Performa	nce Guarantee Bon	d	
	(d)	Addendum(s)/ Corrigen	dum(s), if any.		
	(e)	ITB, Condition of Contra	act, Guidelines of Tre	ee Transplantation, L	st of tree
		proposals, NIT, Annexu	res.		
	(f)	Bill of Quantities.			
	(g)	Letter of Price Bid.			
3.	as hereina to execute	ration of the payments to after mentioned, the Contr e and complete the Wo r in all respects with the pr	ractor hereby covena orks and remedy a	ants with the Employ iny defects therein	er
4.	execution the Contra	oyer hereby covenants to and completion of the W act Price or such other of the Contract at the ti	orks and the remed sum as may becor	ying of defects there ne payable under the	in ne
5.	Applicable	Price: The Contractor GST shall be paid extr roof (such as GSTR1, GS	ra on actual on sub	mission certified GS	
6.	application whose juri	oute arises between the p n or suit shall be institute sdiction the National High arties shall be bound by the	ed only in the court Speed Rail Corpora	with the local limits	of
		ereof the parties hereto I t before written.	have caused this Ag	reement executed the	ne
	me, Designa	ation and address d signatory)	(Name, Designathe authorized s	ition and address of ignatory)	
	Cal				
	nature of the		Sign	ature of the Tenderer	
उप मुख् National	ख्य परियोजना प्रबं High Speed Rail C	अक-सिविल orporation Ltd.			
		0.01			

राष्ट्रीय उच्च गति रेल निगम लिमिटेड

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Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

Signed for and on behalf of the Agency in the presence of:	Signed for and on behalf of the Employer in the presence of:		
Witness:	Witness:		
1.	1.		
2.	2.		

Name and address of the witnesses to be indicated

Signature of the NHSRCL
Dy. Chief Project Manager-Civil
उप मुख्य परियोजना प्रबंधक-सिविल
National High Speed Rail Corporation Ltd.
राष्ट्रीय उच्च गति रेल निगम लिमिटेड
चडोदरा / Vadodara



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

Annexure-3 A PROFORMA OF BANK GUARANTEE

(On Non Judicial Stamp	Paper of adequate value as per the Jurisdiction)
National High Speed Rail Co	orporation Limited
3 rd Floor, Productivity House,	
Productivity Road, Alkapuri,	
Vadodara - 390007	
to the second	
[Acting through	(Project Incharge) &
Address of the Project]	
WHEREAS	[name and address of Contractor] (hereinafter
	has undertaken, in pursuance of Contract
	dated to execute the work of
(hereinafter called "the Contra	not "\\
(Hereinaiter called the Contra	Ct.),
AND WHEREAS it has been s	tipulated by you in the said Contract that the Contractor
	Guarantee by a scheduled bank for the sum specified
therein as security for complian	nce with his obligations in accordance with the Contract;
AND WHEREAS we have agree	eed to give the Contractor such a Bank Guarantee;
NOW THEREFORE we hereh	by affirm that we are the Guarantor and responsible to
	or, up to a total of [amount
	[amount in
	ble in the types and proportions of currencies in which
the Contract Price is payable,	, and we undertake to pay you, upon your first written
	or argument, any sum or sums within the limits of
	Guarantee] as aforesaid without your needing to prove
or to show grounds or reasons	s for your demand for the sum specified therein.
We hereby waive the necessit	ty of your demanding the said debt from the Contractor
before presenting us with the	
We further agree that no char	nge or addition to or other modification of the terms of
the Contract or of the Works	to be performed there under or of any of the Contract
^	
Signature of the NNSRCL	
Signature of the NNSRCL	Signature of the Tenderer
Chief Project Manager-Civil	그 이 그는 원이지는 그 아이스랑 "이 아이들이 들어가 하고 하는 이 사람이 되는 것이 하는 것이 없는데 그렇게 되었다.

उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid up to	to (a date 60 days from the date of
completion of Defects Notification Pe	eriod/ Maintenance period).
	SIGNATURE AND SEAL OF THE GUARANTOR
Name of Bank	
Address:	
Date:	

Signature of the NHSRCL

Dy. Chief Project Manager-Civil
उप मुख्य परियोजना प्रबंधक-सिविल
National High Speed Rail Corporation Ltd.
राष्ट्रीय उच्च गति रेल निगम लिमिटेड



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

Section-6
List of Trees proposed for Transplantation

Signature of the NHSRCL
Dy. Chief Project Manager-Civil
उप मुख्य परियोजना प्रबंधक-सिविल
National High Speed Rall Corporation Ltd.
राष्ट्रीय उच्च गति रेल निगम लिमिटेड
चडोदरा / Vadodara



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

S. No	Village	Survey No.	Tree Name	No of Trees	Girth (Cm)
		Forest Tre	ee Species		220
1	Chhani	559	Kanji	1	70
2	Chhani	559	Neem	1	35
3	Chhani	559	Neem	1	35
4	Chhani	559	Gorasambli	1	47
5	Chhani	559	Emli	1	123
6	Chhani	559	Neem	1	115
7	Chhani	Railway	Neem	1	48
8	Chhani	Railway	Neem	1	75
9	Chhani	Railway	Neem	1	140
10	Chhani	596	Asoka	1	52
11	Chhani	596	Gorasambli	1	54
12	Chhani	596	Neem	1	205
13	Chhani	Railway	Neem	1	198
14	Chhani	Railway	Gorasambli	1	90
15	Chhani	Railway	Gorasambli	1	120
16	Chhani	599	Gorasambli	1	210
17	Chhani	599	Kanji	1	110
18	Chhani	599	Gorasambli	1	150
19	Chhani	Railway	Babul	1	160
20	Chhani	Railway	Babul	1	288
21	Chhani	Railway	Babul	1	310
22	Chhani	800	Neem	1	92
23	Chhani	800	Neem	1	280
24	Chhani	789	Neem	1	70
25	Chhani	789	Asoka	1	70
26	Chhani	789	Astri	1	30
27	Chhani	789	Jamun	1	42
28	Chhani	789	Gulmohar	1	175
29	Chhani	789	Neem	1	200
30	Chhani	789	Gulmohar	1	72
31	Chhani	789	Gulmohar	1	40
32	Chhani	789	Gulmohar	1	52
33	Chhani	789	Gulmohar	1	40
34	Chhani	789	Gulmohar	1	32
35	Chhani	789	Gulmohar	1	30
36	Chhani	789	Gulmohar	1	30
37	Chhani	789	Kanji	1	160
38	Chhani	789	Ramphal	1	100

Signature of the NHSRCL



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

S. No	Village	Survey No.	Tree Name	No of Trees	Girth (Cm
39	Chhani	789	Emli	1	108
40	Chhani	789	Kanji	1	270
41	Chhani	789	Asoka	1	108
42	Chhani	789	Pipal	1	270
43	Chhani	789	Badam	1	110
44	Chhani	789	Asoka	1	82
45	Chhani	789	Neem	1	160
46	Chhani	789	Neem	1	41
47	Chhani	789	Neem	1	10
48	Chhani	789	Jamun	1	70
49	Chhani	789	Ber	1	40
50	Chhani	789	Pipal	1	140
51	Chhani	188/2	Shatat	1	105
52	Chhani	825	Neem	1	34
53	Chhani	825	Neem	1	75
54	Chhani	825	Neem	1	75
55	Chhani	883/2	Neem	1	96
56	Chhani	883/2	Neem	1	100
57	Chhani	883/1	Neem	1	89
58	Chhani	883/1	Neem	1	108
59	Chhani	883/1	Neem	1	72
60	Chhani	883/1	Neem	1	90
61	Chhani	883/1	Neem	1.	63
62	Chhani	893/2	Neem	1	40
63	Chhani	892	Neem	1	75
64	Chhani	892	Babul	1	90
65	Chhani	892	Babul	1	85
66	Chhani	892	Babul	1	75
67	Chhani	892	Neem	1	83
68	Chhani	892	Gorasambli	1	230
69	Chhani	892	Gorasambli	1	170
70	Chhani	892	Shatut	1	73
71	Chhani	892	Neem	1	115
72	Chhani	892	Neem	1	142
73	Chhani	892	Gorasambli	1	43
74	Chhani	891	Neem	1	87
75	Chhani	891	Neem	1	95
76	Chhani	891	Kamboi	1	57
77	Chhani	891	Bkkim Neem	1	49
78	Chhani	891	Neem	1	30

Signature of the NHSRCLivil Dy. Chief Project Managel-Livil उप मुख्य परियोजना प्रवंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड नदोटरा / Vadodara



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

S. No	Village	Survey No.	Tree Name	No of Trees	Girth (Cm)
79	Chhani	898	Neem	1	110
80	Chhani	898	Neem	1	30
81	Chhani	900	Neem	1	45
82	Chhani	906	Emli	1	170
83	Chhani	906	Amla	1.	115
84	Chhani	901	Neem	1	49
85	Chhani	901	Neem	1	188
86	Chhani	905	Neem	1	108
87	Chhani	905	Neem	1	86
88	Chhani	905	Shatut	1	142
89	Chhani	904/1	Gulmohar	1	60
90	Karodiya	189	Neem	1	200
91	Karodya	189	Neem	1	110
92	Karodiya	129	Neem	1	72
93	Karodiya	129	Neem	1	30
94	Karodiya	129	Neem	1	47
95	Karodiya	129	Emily	1	64
96	Karodiya	129	Neem	1	79
97	Karodiya	129	Emily	1	67
98	Karodiya	124	Neem	1	100
99	Karodiya	124	Neem	1	40 .
100	Karodiya	124	Neem	1	99
101	Karodiya	124	Aam	1	99
102	Karodiya	124	Jamun	1	107
103	Karodiya	124	Aam	1	64
104	Karodiya	124	Aam	1	70
105	Karodiya	124	Neem	1	95
106	Karodiya	124	Neem	1	100
107	Karodiya	124	Neem	1	118
108	Karodiya	124	Neem	1	32
109	Karodiya	124	Neem	1	60
110	Karodiya	124	Neem	1	45
111	Karodiya	124	Neem	1	67
112	Karodiya	124	Neem	1	34
113	Karodiya	124	Aam	1	30
114	Karodiya	124	Aam	1	90
115	Karodiya	124	Aam	1	80
116	Karodiya	124	Neem •	1	61
117	Karodiya	124	Neem	1	125
118	Karodiya	124	Neem	1	125

Signature of the NHSRCL

Dy. Chief Project Manager-Civil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

S. No	Village	Survey No.	Tree Name	No of Trees	Girth (Cm)
119	Karodiya	124	Aam	1	60
120	Karodiya	124	Neem	1	58
121	Karodiya	124	Aam	1	35
122	Karodiya	124	Emily	1	31
123	Karodiya	124	Neem	1	135
124	Karodiya	124	Aam	1	67
125	Karodiya	124	Aam	1	45
126	Karodiya	124	Neem	1	100
127	Karodiya	124	Neem	1	89
128	Karodiya	124	Neem	1	72
129	Karodiya	124	Gulmohar	1	42
130	Karodiya	124	Neem	1	93
131	Karodiya	124	ashoka	1	30
132	Karodiya	123/2	Neem	1	52
133	Karodiya	123/2	Neem	1	42
134	Karodiya	123/2	Neem	1	39
135	Karodiya	123/2	Neem	1	60
136	Karodiya	130	Neem	1	95
137	Karodiya	130	Neem	1	35
138	Karodiya	130	Aam	1	89
139	Karodiya	130	Aam	1	86
140	Karodiya	130	Neem	1	52
141	Karodiya	130	Aam	1	50
142	Karodiya	142	Neem	1	47
143	Karodiya	142	Neem	1	80
144	Karodiya	142	Neem	1	74
145	Karodiya	142	Guleda	1	72
146	Karodiya	142	Gorasamli	1	65
147	Karodiya	142	Neem	1	113
148	Karodiya	142	Kanji	1	48
149	Karodiya	146/2	Gulmohar	1	31
150	Karodiya	146/2	Aam	1	30
151	Karodiya	146/2	Gulmohar	1	35
152	Karodiya	146/2	Neem	1	102
153	Karodiya	146/2	Neem	1	40
154	Karodiya	146/2	Neem	1	152
155	Karodiya	146/2	Neem	1	30
156	Karodiya	146/2	Neem	1	155
157	Karodiya	146/2	Aam	1	31
158	Karodiya	146/2	Aam	1	30

Signature of the NHSRCL

Dy. Chief Project Manager-Civil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

S. No	Village	Survey No.	Tree Name	No of Trees	Girth (Cm)
159	Karodiya	146/2	Neem	1	50
160	Karodiya	146/2	Neem	1	102
161	Karodiya	146/2	Neem	1	100
162	Karodiya	146/2	Neem	1	34
163	Karodiya	146/1	Aam	1	92
164	Karodiya	152	Kanji	1	180
165	Manjhalpur	2483 Common Plot	Bargad Tree	1	75
166	Manjhalpur	2483 Common Plot	Gulmohar	1	227
167	Manjhalpur	2483 Common Plot	Pipal	1	200
168	Manjhalpur	2483 Common Plot	Pipal	1	196
169	Manjhalpur	2483 Common Plot	Konji	1	189
170	Manjhalpur	2483 Common Plot	Gulmohar	1	130
171	Manjhalpur	2483 Common Plot	Gulmohar	1	145
172	Manjhalpur	2483 Common Plot	Pipal	1	160
173	Manjhalpur	2483 Common Plot	Neem	1	150
174	Manjhalpur	Govt Plot	Seven	1	70
175	Manjhalpur	Govt Plot	Khinada	1	90
176	Manjhalpur	Govt Plot	Ber	1	45
177	Manjhalpur	Govt Plot	Kanji	1	45
178	Manjhalpur	Govt Plot	Ber	1	70
179	Manjhalpur	Govt Plot	Babul	1	86
180	Manjhalpur	Govt Plot	Vat	1	25
181	Manjhalpur	Govt Plot	Hazora	1.	80
182	Manjhalpur	Govt Plot	Babul	1	70
183	Manjhalpur	Govt Plot	Babul	1	90
184	Manjhalpur	Govt Plot	Babul	1	70
185	Manjhalpur	Govt Plot	Gunda	1	180
186	Manjhalpur	Govt Plot	Gunda	1	94
187	Manjhalpur	Govt Plot	Kadam	1	50
188	Manjhalpur	Govt Plot	Kanji	1	210
189	Manjhalpur	Govt Plot	Hazora	1	90
190	Manjhalpur	Govt Plot	Neem	1	100
191	Manjhalpur	Govt Plot	Kanji	1	310
192	Manjhalpur	Govt Plot	Babul	1	80
193	Manjhalpur	Govt Plot	Babul	1	100
194	Manjhalpur	Govt Plot	Gulmohar	1	65
195	Manjhalpur	Govt Plot	Babul	1	60
196	Manjhalpur	Govt Plot	Babul	1	220
197	Manjhalpur	Govt Plot	Kanji	1	145
198	Manjhalpur	Govt Plot	Adhar Kanji	1	80

Signature of the NHSRCL Dy. Chief Project Manager-Civil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड

वडोदरा / Vadodara



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

S. No	Village	Survey No.	Tree Name	No of Trees	Girth (Cm)
199	Manjhalpur	Govt Plot	Adhar Kanji	1	95
200	Manjhalpur	Survey No.2492	Gulmohar	1	200
201	Manjhalpur	Survey No.2492	Neem	1	30
202	Manjhalpur	Survey No.2492	Neem	1	120
203	Manjhalpur	Survey No.2492	Gulmohar	1	170
204	Manjhalpur	Survey No.2492	Pipal	1	400
205	Manjhalpur	Survey No.2492	Gulmohar	1	183
206	Manjhalpur	Survey No.2492	Gulmohar	1	130
207	Manjhalpur	Survey No.2492	Ashoka	1	80
208	Manjhalpur	Survey No.2492	Saptparni	1	40
209	Manjhalpur	Survey No.2492	Kadam	1	80
210	Manjhalpur	Survey No.2492	Ashoka	1	45
211	Manjhalpur	Survey No.2492	Gulmohar	1	58
212	Manjhalpur	Survey No.2492	Gulmohar	1	120
213	Manjhalpur	Survey No.2492	Vad	1	500
214	Manjhalpur	Survey No.2492	Australian Babol	1	30
215	Manjhalpur	Survey No.2492	Jamun	1	40
216	Manjhalpur	Survey No.2492	Ashoka	1	25
217	Manjhalpur	Survey No.2492	Jamun	1	24
218	Manjhalpur	Survey No.2492	Neem	1	58
219	Manjhalpur	Survey No.2492	Ashoka	1	20
220	Manjhalpur	Survey No.2492	Badam	1	70
221	Manjhalpur	Survey No.2492	Gulmohar	1	190
222	Manjhalpur	Survey No.2492	Badam	1	50
223	Manjhalpur	Survey No.2492	Gulmohar	1	58
224	Manjhalpur	Survey No.2492	Amrut	1	45
225	Manjhalpur	Survey No.2492	Sitaful	1	30
226	Manjhalpur	Survey No.2492	Sitaful	1	38
227	Manjhalpur	Survey No.2492	Sitaful	1	30
228	Manjhalpur	Survey No.2492	Amrut	1	23
229	Manjhalpur	Survey No.2492	Bakim Neem	1	265
230	Manjhalpur	Govt Land	Neem	1	80
231	Manjhalpur	Govt Land	Ber	1	66
232	Manjhalpur	Govt Land	Kanji	1	90
233	Manjhalpur	Govt Land	Kanji	1	60
234	Manjhalpur	Govt Land	Kanji	1	220
235	Manjhalpur	Govt Land	Ber	1	50
236	Manjhalpur	Govt Land	Ber	1	37
237	Manjhalpur	Govt Land	Gunda	1	170

Signature of the NHSRCL

Dy. Chief Project Manager-Civil

उप मुख्य परियोजना प्रबंधक-सिविल

National High Speed Rail Corporation Ltd.

राष्ट्रीय उच्च गति रेल निगम लिमिटेड



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

S. No	Village	Survey No.	Tree Name	No of Trees	Girth (Cm
238	Manjhalpur	Govt Land	Gunda	1	66
239	Manjhalpur	Govt Land	Gunda	1	75
240	Manjhalpur	Govt Land	Kanji	1	190
241	Manjhalpur	Govt Land	Gorasamli	1	125
242	Manjhalpur	Govt Land	Kanji	1	210
243	Manjhalpur	Govt Land	Pakkim	1	120
244	Manjhalpur	Govt Land	Neem	1	210
245	Manjhalpur	Govt Land	Neem	1	210
246	Manjhalpur	Govt Land	Kanji	1	120
247	Manjhalpur	Govt Land	Kanji	1	40
248	Manjhalpur	Govt Land	Guleda	1	30
249	Manjhalpur	Govt Land	Gulmohar	1	157
250	Manjhalpur	Govt Land	Gulmohar	1	85
251	Manjhalpur	Govt Land	Seven	1	110
252	Manjhalpur	Govt Land	Seven	1	80
253	Manjhalpur	Govt Land	Seven	1	45
254	Manjhalpur	Govt Land	Seven	1	84
255	Manjhalpur	Govt Land	Seven	1	157
256	Manjhalpur	Govt Land	Seven	1	58
257	Manjhalpur	Govt Land	Seven	1	120
258	Manjhalpur	Govt Land	Seven	1	30
259	Manjhalpur	Govt Land	Neem	1	54
260	Manjhalpur	Govt Land	Saptpani	1	164
261	Manjhalpur	Govt Land	Seven	1	50
262	Manjhalpur	Govt Land	seven	1	180
263	Manjhalpur	Govt Land	Pipal	1	200
264	Manjhalpur	Govt Land	Neem	1	33
265	Manjhalpur	Govt Land	Neem	1	110
266	Manjhalpur	Govt Land	Sevan	1	140
267	Manjhalpur	Govt Land	Sevan	1	140
268	Manjhalpur	Govt Land	Neem	1	200
269	Manjhalpur	Govt Land	Awar	1	37
270	Manjhalpur	Govt Land	Guleda	1	100
271	Manjhalpur	Govt Land	Guleda	1	80
272	Manjhalpur	Govt Land	Vat	1	310
273	Manjhalpur	Govt Land	Guleda	1	15
274	Manjhalpur	Govt Land	Sitafal	1	13
275	Manjhalpur	Govt Land	Gunda	1	280
276	Manjhalpur	Govt Land	Guleda	1	126
277	Manjhalpur	Govt Land	Kanji	1	211

Signature of the NHSRCL

Dy. Chief Project Manager-Civil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड

वडोटरा / Vadadana



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

S. No	Village	Survey No.	Tree Name	No of Trees	Girth (Cm)
278	Manjhalpur	Govt Land	Neem	1	137
279	Manjhalpur	Govt Land	Neem	1	190
280	Manjhalpur	Govt Land	Pipal	1	200
281	Manjhalpur	Govt Land	Pipal	1	140
282	Manjhalpur	Govt Land	Kanji	1	290
283	Manjhalpur	Govt Land	Kanji	1	220
284	Manjhalpur	Govt Land	Kanji	1	50
285	Manjhalpur	Govt Land	Kanji	1	50
286	Manjhalpur	Govt Land	Guleda	1	140
287	Manjhalpur	Govt Land	Kanji	1	160
288	Manjhalpur	Govt Land	Kanji	1	80
289	Manjhalpur	Govt Land	Guleda	1	30
290	Manjhalpur	Govt Land	Guleda	1	40
291	Manjhalpur	Govt Land	Guleda	1	140
292	Manjhalpur	Govt Land	Guleda	1	36
293	Manjhalpur	Govt Land	Guleda	1	95
294	Manjhalpur	Govt Land	Guleda	1	40
295	Manjhalpur	Govt Land	Guleda	1	46
296	Manjhalpur	Govt Land	Guleda	1	40
297	Manjhalpur	Govt Land	Pipal	1	310
298	Manjhalpur	Govt Land	Neem	1	340
299	Manjhalpur	Govt Land	Neem	1	210
300	Manjhalpur	Govt Land	Jamun	1	190
301	Manjhalpur	Govt Land	Jamun	1	80
302	Manjhalpur	Govt Land	Babul	1	110
303	Manjhalpur	Govt Land	Babul	1	100
304	Manjhalpur	Govt Land	Kanji	1	100
305	Manjhalpur	Govt Land	Pipal	1	45
306	Manjhalpur	Govt Land	Guleda	1	45
307	Manjhalpur	Govt Land	Pipal	1	100
308	Manjhalpur	Govt Land	Vad	1	300
309	Manjhalpur	Govt Land	Neem	1	500
310	Manjhalpur	Govt Land	Pipal	1	60
311	Manjhalpur	Govt Land	Kanji	1	60
312	Manjhalpur	Govt Land	Kanji	1	60
313	Manjhalpur	Govt Land	Kanji	1	90
314	Manjhalpur	Govt Land	Neem	1	60
315	Manjhalpur	Govt Land	Kanji	1	60
316	Manjhalpur	Govt Land	Kanji	1	30
317	Manjhalpur	Govt Land	Kanji	1	60

Signature of the NHSRCLivil Dy. Chief Project Marks Sectivil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड बडोदरा / Vadodara



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

S. No	Village	Survey No.	Tree Name	No of Trees	Girth (Cm)
318	Manjhalpur	Govt Land	Kanji	1	40
319	Manjhalpur	Govt Land	Kanji	1	40
320	Manjhalpur	Govt Land	Kanji	1	40
321	Manjhalpur	Govt Land	Babul	1	310
322	Manjhalpur	Govt Land	Babul	1	90
323	Manjhalpur	Govt Land	Guleda	1	90
324	Manjhalpur	Govt Land	Guleda	1	90
325	Manjhalpur	Govt Land	Ber	1	90
326	Manjhalpur	Govt Land	Babul	1	80
327	Manjhalpur	Govt Land	Neem	1	80
328	Manjhalpur	Govt Land	Kanji	1	50
329	Manjhalpur	Govt Land	Kanji	1	80
330	Manjhalpur	Govt Land	Kanji	1	125
331	Manjhalpur	Govt Land	Babul	1	110
332	Manjhalpur	Govt Land	Kanji	1	350
333	Manjhalpur	Govt Land	Kanji	1	100
334	Manjhalpur	Govt Land	Kanji	1.	65
335	Manjhalpur	Govt Land	Kanji	1	40
336	Manjhalpur	Govt Land	Kanji	1	50
337	Manjhalpur	Govt Land	Kanji	1	40
338	Manjhalpur	Govt Land	Kanji	1	40
339	Manjhalpur	Govt Land	Kanji	1	80
340	Manjhalpur	Govt Land	Babul	1	20
341	Manjhalpur	Govt Land	Kanji	1	40
342	Manjhalpur	Govt Land	Kanji	1	45
343	Manjhalpur	Govt Land	Kanji	1	40
344	Manjhalpur	Govt Land	Kanji	1	45
345	Manjhalpur	Govt Land	Kanji	1	45
346	Manjhalpur	Govt Land	Kanji	1	85
347	Manjhalpur	Govt Land	Gorasamliy	1	85
348	Manjhalpur	Govt Land	Gorasamliy	1	66
349	Manjhalpur	Govt Land	Kanji	1	40
350	Manjhalpur	Govt Land	Kanji	1	40
351	Manjhalpur	Govt Land	Babul	1	40
352	Manjhalpur	Govt Land	Kanji	1	40
353	Manjhalpur	Govt Land	Kanji	1	50
354	Manjhalpur	Govt Land	Kanji	1	50
355	Manjhalpur	Govt Land	Neem	1	40
356	Manjhalpur	Govt Land	Kanji	1	40
357	Manjhalpur	Govt Land	Kanji	1	40

Signature of the NHSRCL
Dy. Chief Project Manager-Civil
उप मुख्य परियोजना प्रबंधक-सिविल
National High Speed Rail Corporation Ltd.
राष्ट्रीय उच्च गति रेल निगम लिमिटेड
यडोदरा / Vadodara



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

S. No	Village	Survey No.	Tree Name	No of Trees	Girth (Cm)
358	Manjhalpur	Govt Land	Kanji	1	45
359	Manjhalpur	Govt Land	Neem	1	115
360	Manjhalpur	Govt Land	Neem	1	100
361	Manjhalpur	Govt Land	Neem	1	110
362	Manjhalpur	Govt Land	Neem	1	80
363	Manjhalpur	Govt Land	Neem	1	50
364	Manjhalpur	Govt Land	Neem	1	50
365	Manjhalpur	Govt Land	Neem	1	40
366	Manjhalpur	Govt Land	Kanji	1	89
367	Manjhalpur	Govt Land	Neem	1	40
368	Manjhalpur	Govt Land	Neem	1	40
369	Manjhalpur	Govt Land	Neem	1	50
370	Manjhalpur	Govt Land	Neem	1	60
371	Manjhalpur	Govt Land	Neem	1	60
372	Manjhalpur	Govt Land	Babul	1	40
373	Manjhalpur	Govt Land	Neem	1	50
374	Manjhalpur	Govt Land	Babul	1	50
375	Manjhalpur	Govt Land	Neem	1	50
376	Manjhalpur	Govt Land	Neem	1	100
377	Manjhalpur	Govt Land	Kanji	1	50
378	Manjhalpur	Govt Land	Neem	1	45
379	Manjhalpur	Govt Land	Neem	1	45
380	Manjhalpur	Govt Land	Kanji	1	80
381	Manjhalpur	Govt Land	Kanji	1	70
382	Manjhalpur	Govt Land	Kanji	1	40
383	Manjhalpur	Govt Land	Neem	1	80
384	Manjhalpur	Govt Land	Babul	1	120
385	Manjhalpur	Govt Land	Neem	1	40
386	Manjhalpur	Govt Land	Babul	1	70
387	Manjhalpur	Govt Land	Babul	1	40
388	Manjhalpur	Govt Land	Babul	1	40
389	Manjhalpur	Govt Land	Kanji	1	100
390	Manjhalpur	Govt Land	Kanji	1	50
391	Manjhalpur	Govt Land	Neem	1	40
392	Manjhalpur	Govt Land	Gulari	1	250
393	Manjhalpur	Govt Land	Neem	1	45
394	Manjhalpur	Govt Land	Gulari	1	350
395	Manjhalpur	Govt Land	Kanji	1	40
396	Manjhalpur	Govt Land	Kanji	1	40
397	Manjhalpur	Govt Land	Babul	1	35

Signature of the NHSRCer-Civil Dy. Chief प्रियोजना प्रबंधक-सिवल उप मुख्य परियोजना प्रबंधक-सिवल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड चडोदरा / Vadodara



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

S. No	Village	Survey No.	Tree Name	No of Trees	Girth (Cm)
398	Manjhalpur	Govt Land	Babul	1	30
399	Manjhalpur	Govt Land	Neem	1	35
400	Manjhalpur	Govt Land	Babul	1	120
401	Manjhalpur	Govt Land	Babul	1	44
402	Manjhalpur	Govt Land	Babul	1	45
403	Manjhalpur	Govt Land	Khakhada	1	40
404	Manjhalpur	Govt Land	Neem	1	55
405	Manjhalpur	Govt Land	Neem	1	30
406	Manjhalpur	Govt Land	Gundi	1	270
407	Manjhalpur	Govt Land	Neem	1	40
408	Manjhalpur	Govt Land	Gorasamliy	1	50
409	Manjhalpur	Govt Land	Gundi	1	320
410	Manjhalpur	Govt Land	Mango(Aam)	1	200
411	Manjhalpur	Govt Land	Kanji	1	200
412	Manjhalpur	Govt Land	Gundi	1	400
413	Manjhalpur	Govt Land	Ashoka	1	50
414	Manjhalpur	Govt Land	Sitafal	1	40
415	Manjhalpur	Govt Land	Sitafal	1	40
416	Manjhalpur	Govt Land	Babul	1	40
417	Manjhalpur	Govt Land	Gulera	1	150
418	Manjhalpur	Govt Land	Babul	1	100
419	Manjhalpur	Govt Land	Neem	1	55
420	Manjhalpur	Govt Land	Babul	1	100
421	Manjhalpur	Govt Land	Vad	1	380
422	Manjhalpur	Govt Land	Khakara	1	80
423	Manjhalpur	Govt Land	Gulera	1	220
424	Manjhalpur	Govt Land	Neem	1	280
425	Manjhalpur	Govt Land	Gundi	1	30
426	Manjhalpur	Govt Land	Rudraksh	1	130
427	Manjhalpur	Govt Land	Engora	1	190
428	Manjhalpur	Govt Land	Neem	1	100
429	Manjhalpur	Govt Land	Gundi	1	350
430	Manjhalpur	Govt Land	Neem	1	190
431	Manjhalpur	Govt Land	Neem	1	40
432	Manjhalpur	Govt Land	Neem	1	70
433	Manjhalpur	Govt Land	Gulari	1	100
434	Manjhalpur	Govt Land	Neem	1	45
435	Manjhalpur	Govt Land	Neem	1	190
436	Manjhalpur	Govt Land	Kanji	1	75
437	Manjhalpur	Govt Land	Kanji	1	32

Signature of the NHSRCL
Dy. Chief Project Manager-Civil
उप मुख्य परियोजना प्रबंधक-सिविल
National High Speed Rail Corporation Ltd.
राष्ट्रीय उच्च गति रेल निगम लिमिटेड
वडोदरा / Vadodara



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

S. No	Village	Survey No.	Tree Name	No of Trees	Girth (Cm)
438	Manjhalpur	Govt Land	Kanji	1	52
439	Manjhalpur	Govt Land	Kanji	1	45
440	Manjhalpur	Govt Land	Kanji	1	43
441	Manjhalpur	Govt Land	Pipal	1	47
442	Manjhalpur	Govt Land	Bakkim neem	1	52
443	Manjhalpur	Govt Land	Bakkim neem	1	55
444	Manjhalpur	Govt Land	Bakkim neem	1	48
445	Manjhalpur	Survey No.2443 Comman Plot	Suptpani	1	40
446	Manjhalpur	Survey No.2443 Comman Plot	Babul	1	150
447	Manjhalpur	Survey No.2443 Comman Plot	Babul	. 1	180
448	Manjhalpur	Survey No.2443 Comman Plot	Babul	1	160
449	Manjhalpur	Survey No.2443 Comman Plot	Kanji	1	200
450	Manjhalpur	Survey No.2443 Comman Plot	Neem	1	170
451	Manjhalpur	Survey No.2443 Comman Plot	Neem	1	80
452	Manjhalpur	Survey No.2443 Comman Plot	Suptpani	1	30
453	Manjhalpur	Survey No.2443 Comman Plot	Neem	1	32
454	Manjhalpur	Survey No.2443 Comman Plot	Jamun	1	40
455	Manjhalpur	Survey No.2443 Comman Plot	Neem	1	45
456	Manjhalpur	Survey No.2443 Comman Plot	Neem	1	205
457	Manjhalpur	Survey No.2443 Comman Plot	vat	1	105
458	Manjhalpur	Survey No.2443 Comman Plot	Aam	1	80
459	Manjhalpur	Survey No.2443 Comman Plot	Aam	1	130
460	Manjhalpur	Survey No.2443 Comman Plot	Aam	1	70
461	Manjhalpur	Survey No.2443 Comman Plot	Aam	1	70
462	Manjhalpur	Survey No.2443 Comman Plot	Aam	1	90

Signature of the NHSRCL



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

S. No	Village	Survey No.	Tree Name	No of Trees	Girth (Cm)
		Survey No.2443			
463	Manjhalpur	Comman Plot	Aam	1	120
		Survey No.2443			
464	Manjhalpur	Comman Plot	Aam	1	60
		Survey No.2443			400
465	Manjhalpur	Comman Plot	Neem	1	180
400	Manihalaus	Survey No.2443	Noom	1	92
466	Manjhalpur	Comman Plot	Neem		92
467	Manjhalpur	Survey No.2443 Comman Plot	Bili	1	70
407	iviarijriaipui	Survey No.2443	Dill		70
468	Manjhalpur	Comman Plot	Gorasawali	1	150
469	Manjhalpur	Govt Land	Neem	1	90
470	Manjhalpur	Govt Land	Pipal	1	400
471	Manjhalpur	Govt Land	VAT	1	450
472	Manjhalpur	Govt Land	Gorasawali	1	70
473	Manjhalpur	Govt Land	Pipal	1	350
474	Manjhalpur	Govt Land	Gulera	1	455
475	Manjhalpur	Govt Land	Amali	1	420
476	Manjhalpur	Survey No.2484	Khakhra	1	38
477	Manjhalpur	Survey No.2484	Khakhra	1	52
478	Manjhalpur	Survey No.2484	Nariyal	1	60
479	Manjhalpur	Survey No.2484	Bili	1	128
480		Survey No.2484	Anjeer	1	108
	Manjhalpur	Survey No.2484		1	128
481	Manjhalpur		Saptni Nimbu	1	33
482	Manjhalpur	Survey No.2484		1	25
483	Manjhalpur	Survey No.2484	Asoplav	1	36
484	Manjhalpur	Survey No.2484	Amla		
485	Manjhalpur	Survey No.2484	Nariyal	1 1	105
486	Manjhalpur	Survey No.2484	Nariyal	<u> </u>	110
487	Manjhalpur	Survey No.2484	Asoplav	1 1	90
488	Manjhalpur	Survey No.2484	Chiku	1 1	80
489	Manjhalpur	Survey No.2484	Amla	1 1	40
490	Manjhalpur	Survey No.2484	Nimbu	1	36
491	Manjhalpur	Survey No.2484	Saptni	1	45
492	Manjhalpur	Survey No.2484	Saptni	1	70
493	Manjhalpur	Survey No.2484	Saptni	1	72
494	Manjhalpur	Survey No.2484	Saptni	1	73
495	Nagarwada	Survey No.38	Guleda	1	30
496	Nagarwada	Survey No.38	Guleda	1	30
497	Nagarwada	Survey No.38	Neem	1	150

Signature of the NHSRCL
Dy. Chief Project Manager-Civil
उप मुख्य परियोजना प्रबंधक-सिविल
National High Speed Rail Corporation Ltd.
राष्ट्रीय उच्च गति रेल निगम लिमिटेड
वज्रोटरा / Vadodara



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

S. No	Village	Survey No.	Tree Name	No of Trees	Girth (Cm)
498	Nagarwada	Survey No.38	Gunda	1	10
499	Nagarwada	Survey No.38	Bakim Neem	1	140
500	Nagarwada	Survey No.38	Pakim Neem	1	280
501	Nagarwada	Survey No.38	Bakim Neem	1	260
502	Nagarwada	Survey No.38	Bakim Neem	1	240
503	Nagarwada	Survey No.38	Kanji	1	50
504	Nagarwada	Survey No.38	Ber	1	30
505	Nagarwada	Survey No.38	Kanji	1	60
506	Nagarwada	Survey No.38	Kanji	1	45
507	Nagarwada	Survey No.38	Kanji	1	55
508	Nagarwada	Survey No.38	Guleda	1	200
509	Nagarwada	Survey No.38	Guleda	1	105
510	Nagarwada	Survey No.38	Neem	1	140
511	Nagarwada	Survey No.38	Neem	1	220
512	Nagarwada	Survey No.38	Kanji	1	150
513	Nagarwada	Survey No.38	Guleda	1	285
514	Nagarwada	Survey No.38	Kanji	1	88
515	Nagarwada	Survey No.38	Neem	1	35
516	Nagarwada	Survey No.38	Kanji	1	48
517	Nagarwada	Survey No.38	Kanji	1	35
518	Nagarwada	Survey No.38	Gulmohar	1	270
519	Nagarwada	Survey No.38	Kanji	1	125
520	Nagarwada	Survey No.38	other	1	128
521	Gorwa	Govt Land	Neem	1	250
522	Gorwa	Govt Land	Beli	1	100
523	Gorwa	Govt Land	Pipal	1	160
524	Gorwa	Govt Land	Jamun	1	40
525	Gorwa	Govt Land	Badam	1	80
526	Gorwa	Govt Land	Badam	1	70
527	Gorwa	Govt Land	Asoka	1	64
528	Gorwa	Govt Land	Asoka	1	72
529	Gorwa	Govt Land	Banyan Tree	1	207
530	Gorwa	Govt Land	Pipal	1	117
531	Gorwa	Govt Land	Neem	1	95
532	Gorwa	Govt Land	Neem	1	100
533	Gorwa	Govt Land	Neem	1	472
534	Gorwa	Govt Land	Asoka	1	120
535	Gorwa	Govt Land	Asoka	1	50
536	Gorwa	Govt Land	Asoka	1	55
537	Gorwa	Govt Land	Asoka	1	220

Signature of the NHSROLCivil Dy. Chief Politic NHSROLCivil उप मुख्य परियोजना प्रशंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड वडोदरा / Vadodara



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

S. No	Village	Survey No.	Tree Name	No of Trees	Girth (Cm
538	Gorwa	Govt Land	Asoka	1	120
539	Gorwa	Govt Land	Neem	1	445
540	Gorwa	Govt Land	Pipal	1	164
541	Gorwa	Govt Land	Pipal	1	115
542	Gorwa	Govt Land	Asoka	1	136
543	Gorwa	Govt Land	Vat	1	355
544	Gorwa	Govt Land	Neem	1	175
545	Gorwa	Govt Land	A babul	1	150
546	Gorwa	Govt Land	Babul	1	110
547	Gorwa	Govt Land	Pipal	1	40
548	Gorwa	Govt Land	Kanji	1	40
549	Gorwa	Govt Land	A Babul	1	40
550	Gorwa	Govt Land	A Babul	1	45
551	Gorwa	Govt Land	Neem	1	110
552	Gorwa	Govt Land	Asoka	1	30
553	Gorwa	Govt Land	Asoka	1	30
554	Gorwa	Govt Land	Asoka	1	40
555	Gorwa	Govt Land	Asoka	1	30
556	Gorwa	Govt Land	Jamun	1	50
557	Gorwa	Govt Land	Badam	1	120
558	Gorwa	Govt Land	Gulmohar	1	30
559	Gorwa	Govt Land	Neem	1	210
560	Gorwa	Govt Land	Neem	1	30
561	Gorwa	Govt Land	Asoka	1	35
562	Gorwa	Govt Land	Asoka	1	30
563	Gorwa	Govt Land	Asoka	1	30
564	Gorwa	Govt Land	Neem	1	40
565	Gorwa	Govt Land	Aam	1	60
566	Gorwa	Govt Land	Pad	1	60
567	Gorwa	Govt Land	Pad	1	60
568	Gorwa	Govt Land	Aam	1	30
569	Gorwa	Govt Land	Neem	1	50
570	Gorwa	Govt Land	Awala	1	35
571	Gorwa	Govt Land	Taad	1	60
572	Gorwa	Govt Land	Aam	1	40
573	Gorwa	Govt Land	Taad	1	40
574	Gorwa	Govt Land	Nimbu	1	30
575	Gorwa	Govt Land	Taad	1	40
576	Gorwa	Govt Land	Taad	1	30
577	Gorwa	Govt Land	Gulmohar	1	60

Signature of the NHSRCL



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

S. No	Village	Survey No.	Tree Name	No of Trees	Girth (Cm
578	Gorwa	Govt Land	Neem	1	50
579	Gorwa	Govt Land	Chiku	1	35
580	Gorwa	Govt Land	Anish	1.	. 30
581	Gorwa	Govt Land	Badam	1	110
582	Gorwa	Govt Land	Kanji	1	75
583	Gorwa	Govt Land	Kanji	1	75
584	Gorwa	Govt Land	Pipal	1	250
585	Gorwa	Govt Land	Khakhra	. 1	35
586	Gorwa	Govt Land	Khakhra	1	40
587	Gorwa	Govt Land	Ber	.1	20
588	Gorwa	Govt Land	Khakhra	1	10
589	Gorwa	Govt Land	Vat	1	8
590	Gorwa	Govt Land	Babul	1	95
591	Gorwa	Govt Land	Babul	1	38
592	Gorwa	Govt Land	Kanji	1	31
593	Gorwa	Govt Land	Kanji	1	45
594	Gorwa	Govt Land	Kanji	1	40
595	Gorwa	Govt Land	Ber	1	30
596	Gorwa	Govt Land	Ber	1	25
597	Gorwa	Govt Land	Ber	1	15
598	Gorwa	Govt Land	Ber	1	10
599	Gorwa	Govt Land	Ber	1	30
600	Gorwa	Govt Land	Babul	1	65
601	Gorwa	Govt Land	Kanji	1	35
602	Gorwa	Govt Land	Ber	1	30
603	Gorwa	Govt Land	Babul	1	70
604	Gorwa	Govt Land	babul	1	70
605	Gorwa	Govt Land	Ber	1	20
606	Gorwa	Govt Land	Neem	1	40
607	Gorwa	Govt Land	Pipal .	1	15
608	Gorwa	Govt Land	Aam	1	45
609	Gorwa	Govt Land	Pipal	1	40
610	Gorwa	Govt Land	Gulmohar	1	50
611	Gorwa	Govt Land	Jamun	1	15
612	Gorwa	Govt Land	Jamun	1	20
613	Gorwa	Govt Land	Kanji	1	15
614	Gorwa	Govt Land	Pipal	1	50
615	Gorwa	Govt Land	Ber	1	25
616	Gorwa	Govt Land	Ber	1	30
617	Gorwa	Govt Land	Kanji	1	40





Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

S. No	Village	Survey No.	Tree Name	No of Trees	Girth (Cm)
618	Gorwa	Survey No.151	Neem	1	45
619	Gorwa	Survey No.151	Gulmohar	1	25
620	Gorwa	Survey No.151	Neem	1	50
621	Gorwa	Survey No.151	Neem	1	15
622	Gorwa	Survey No.151	vat	1	30
623	Gorwa	Survey No.151	Kanji	1	35
624	Gorwa	Survey No.151	Neem	1	44
625	Gorwa	Survey No.151	Kanji	1	30
626	Gorwa	Survey No.151	Gulmohar	1	30
627	Gorwa	Survey No.151	Gulmohar	1	30
628	Gorwa	Survey No.151	Neem	1	35
629	Gorwa	Survey No.151	Gulmohar	1	23
630	Gorwa	Survey No.151	Gulmohar	1	38
631	Akota	Govt Land	Neem	1	50
632	Akota	Govt Land	Neem	1	30
633	Akota	Govt Land	Neem	1	48
634	Akota	Govt Land	Neem	1	50
635	Akota	Govt Land	Neem	1	40
636	Akota	Govt Land	Neem	1	50
637	Akota	Govt Land	Neem	1	50
2007		Horticulture 1	Free Species		
638	Rayka		Jamfal	2	
639	Rayka	260	Nariyal	7	The state of the s
640	Rayka		Jambu	1	
641	Rayka	242 paiki 1	Nariyal	2	
642	Rayka	0.40	Amba	2	
643	Rayka	242	Jambu	2	
644	Rayka	27/A	Amba	1	
645	Rayka	000	Amba	3	
646	Rayka	206	Bor	1	
647	Rayka	32 Apaiki1	Bor	1	
648	Rayka		Bor	1 ,	
649	Rayka	31	Amba	1	
650	Rayka	180	Bor	1	
651	Rayka	181	Bor	1	
652	Rayka	259	Amba	2	
653	Sakarda	13/2/A	Gorasambli	2	
654	Sakarda		Gunda	1	
655	Sakarda	222, 2/1	Gorasambli	2	

Signature of the NHSRCL
Dy. Crief Project Manager-Civil
उप मुख्य परियोजना प्रबंधक-सिविल
National High Speed Rail Corporation Ltd.
राष्ट्रीय उच्च गति रेल निगम लिमिटेड
यडोदरा / Vadodara



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

S. No	Village	Survey No.	Tree Name	No of Trees	Girth (Cm)
656	Sakarda		Amba	1	
657	Sakarda	189/3,1489/4	khati Ambali	1	
658	Sakarda		Gorasambli	3	
659	Sakarda	0.40	Jambu	1	
660	Sakarda	Gorasambli Gorasambli		3	
661	Sakarda		chikoo	1	
662	Sakarda	259/3 258/2	amba	4	
663	Sakarda		Limboo	1	
664	Sakarda		jamfal	1	
665	Sakarda		Jambu	1	
666	Sakarda	050/0	bor	1	
667	Sakarda	258/2	Gorasambli	4	
668	Sakarda		Gorasambli		
669	Sakarda		jamfal	1	
670	Sakarda	254 , 270 , 257 , 258/1	Jambu	1	
671	Sakarda		Rayda	1	
672	Sakarda		chikoo	2	
673	Sakarda		amba	3	
674	Sakarda		Limboo	2	
675	Sakarda		nariyal	5	
676	Sakarda	050, 050	Gunda	1	
677	Sakarda		Bor	1	
678	Sakarda	252 , 256	Gorasambli	35	
679	Sakarda		Gorasambli	1	
680	Sakarda	044	Amba	2	
681	Sakarda	211	Gorasambli	2	
682	Sakarda	212	Gorasambli	1	
683	Sakarda	212/1	Gorasambli	1	
684	Sakarda		Amba	3	
685	Sakarda	040	Bor	1	
686	Sakarda	219	Rayda	1	
687	Sakarda		khati Ambali	1	
688	Sakarda		Gunda	1	
689	Sakarda		Bor	1	
690	Sakarda	100/5	Amba	1	
691	Sakarda	189/5	Gorasambli	9	
692	Sakarda		Rayda	2	
693	Sakarda		khati Ambali	1	
694	Sakarda	189/1	Gorasambli	4	
695	Sakarda	227	Bor	1	

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Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

S. No	Village	Survey No.	Tree Name	No of Trees	Girth (Cm)
696	Sakarda		Gorasambli	16	CAMON TO SERVICE STATE OF SERVICE STATE STAT
697	Sakarda		khati Ambali	1	
698	Sakarda	229	Gorasambli	4	
699	Sakarda		Amba	2	
700	Sakarda	220/4 220/2	Jambu	1	
701	Sakarda	220/1 , 220/2	khati Ambali	1	
702	Sakarda		Gorasambli	1	
703	Sakarda		nariyal	2	
704	Sakarda		Gunda	1	
705	Sakarda	190	Jambu	1	
706	Sakarda		Amba	2	
707	Sakarda		Gorasambli	1	
708	Padmala	44	Amba	1	
709	Padmala	60	Bor	2	
710	Padmala		sitafal	4	
711	Padmala		jambu	1	
712	Padmala	74	Rayan	5	
713	Padmala		Amba	6	
714	Padmala		dadam	1	
715	Padmala		Amba	8	
716	Padmala	79	Nariyal	1.	
717	Padmala	225	chikoo	1	
718	Padmala	337	Amba	10	
719	Padmala		Rayan	1	1
720	Padmala	338	sitafal	1	
721	Padmala		chikoo	1	
722	Padmala	350	Amba	2	
723	Padmala		Amba	4	
724	Padmala	342	ambda	1	
725	Padmala		Jambu	1	
726	Padmala	321	Rayan	1	
727	Padmala	327	Amba	550	
.728	Ajod	76	amba	44	
729	Ajod		amba	3	
730	Ajod	39	Jamfal	1	
731	Ajod	25 Paiki	amba	1	
732	Ajod	64/1	Bor	1	
733	Ajod	38	amba	3	
734	Ajod		Amba	1	
735	Ajod	78	jambu	1	

Signature of the NHSRCL Dy. Chief Project Manager-Civil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rall Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिमिटेड यडोदरा / Vadodara



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

S. No	Village	Survey No.	Tree Name	No of Trees	Girth (Cm
736	Ajod	70B	ambo	2	
737	Dasrath		Bor	1	
738	Dasrath	585	Gorasambli	1	
739	Dasrath	838	Bor	1	
740	Dasrath		Amba	1	
741	Dasrath	771	Ambli	1	
742	Dasrath	757/764	khati Ambali	1	
743	Dasrath	700	khati Amhali		
744	Dasrath	769	Gorasambli	1	
745	Dasrath		Rayan	1	
746	Dasrath	755	Jambu	1	
747	Dasrath		jamfal	2	
748	Dasrath		Gorasambli	1	
749	Dasrath	28	khati Ambali	1	
750	Dasrath		Jambu	1	
751	Dasrath	50	Gunda	1	
752	Dasrath		Amba	1	
753	Dasrath	49	Gorasambli	2	
754	Dasrath		Amba	1	
755	Dasrath	564	jambu	1	
756	Dasrath		Amba	2	
757	Dasrath	558	khati Ambali	1	
758	Dasrath		Rayan	1	
759	Dasrath	902	Gorasambli	3	
760	Dasrath	598/A	Gorasambli	4	
761	Dasrath	812	Rayan 1		
762	Channi	565	Amba	1	
763	Channi	561	Gorasambli	2	7
764	Channi	559	Khati Ambli	1	
765	Channi	558	Khati Ambli	1	
766	Channi		Gorasambli	5	
767	Channi	599	Khati Ambli	1	
768	Channi	721	Gorasambli	3	
769	Channi	722	Amba	2	
770	Channi		Gunda	1	
771	Channi	800	khajoor	1	
772	Channi	791	jamfal	1	
773	Channi		bor	1	
774	Channi	789	jamboo	1	
775	Channi		badam	1	

Signature of the NHSRCL

Dy. Chief Project Manager-Civil उप मुख्य परियोजना प्रबंधक-सिविल National High Speed Rail Corporation Ltd. राष्ट्रीय उच्च गति रेल निगम लिसिटेड



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

S. No	Village	Survey No.	Tree Name	No of Trees	Girth (Cm)
776	Channi		Khati Ambli	1	Afficiation in Australia
777	Channi	825	Dadam	169	
778	Channi	836/2	dadam	169	
779	Channi	892	Gorasambli	3	
780	Channi	906	Khati Ambli	1	•
781	Channi	901	Ambada	1	
782	Channi	004/0	Gorasambli	1	
783	Channi	904/2	Nariyal	1	
784	Channi	593	Gorasambli	2	
785	Karodiya	400/0	Amba	2	
786	Karodiya	123/2	Khati Ambali	2	
787	Karodiya		Amba	1	
788	Karodiya	124	Khati Ambali	2	
789	Karodiya		Amba	6	
790	Karodiya	129	Jambu	1	
791	Karodiya	400	Amba	3	
792	Karodiya	130	Chikoo	1	
793	Karodiya	142	Gorasambli	1	
794	Karodiya	146/1	Ambo	1	
795	Karodiya	146/2	Amba	3	
796	Gorwa	4474	Ambo	1	
797	Gorwa		Jamfal	. 1	
798	Gorwa	4474	Jambu	1	
799	Gorwa	123/2 124 129 130 142 146/1 146/2 4474 4474 2443, House No.C-21 Railway Line 2443, House No.C-31	Chikoo	1	
800	Manjhalpur	0440 Haves No C 04	Ramfal	1	
801	Manjhalpur	2443, House No.C-21	Amba	2	
802	Manjhalpur	Railway Line	Sitafal	2	
803	Manjhalpur	0440 Haves No C 04	Jamfal	2	
804	Manjhalpur	2443, House No.C-31	Jamfal	1	
805	Manjhalpur	2443, House No.C-42	Taad	1	
806	Manjhalpur		Nariyal	_ 1	
807	Manjhalpur		Badam	2	
808	Manjhalpur	2492	Jambu	2	
809	Manjhalpur		Sitafal	1	
810	Manjhalpur		Limbu	2	
811	Nagarwada	Railway	Bor	1	
812	Nagarwada	Railway	Gundo	1	
		Total Trees		19	29

Signature of the NHSRCL
Dy. Chief Project Manager-Civil
उप मुख्य परियोजना प्रबंधक-सिविल
National High Speed Rail Corporation Ltd.
राष्ट्रीय उच्च गति रेल निगम लिमिटेड
वज्रोटरा / Vadodara



Transplantation of standing trees by machines in the alignment of MAHSR Project in Vadodara district, Gujarat state in connection with Mumbai Ahmedabad High Speed Rail Project.

Note:

- 1. Transplantation is planned from the above list of trees.
- The NHSRCL has the right to introduce new trees for the transplantation based on the requirement. The Contractor shall be paid as per the agreed rates based on the actual execution of work

3.	The Contractor has to inform	m the list of trees	on regular basi	s to the NHSRCL
	prior to transplantation.			
		vanama.		

END OF TECHNICL BID DOCUMENT

Signature of the NHSRCL

Dy. Chief Project Manager-Civil
उप मुख्य परियोजना प्रवंधक-सिविल
National High Speed Rail Corporation Ltd.
राष्ट्रीय उच्च गति रेल निगम लिसिटेड