

Section-1
Notice Inviting Tender (NIT)

Tender No. NHSRCL/BRC/2020/32

Date: 07.07.2020

1. 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.*”.

Place of Work	Vadodara district, Gujarat.
Tender Security/ Earnest Money Deposit (EMD)	Rs. 1,39,082.00 Validity of Tender Security in case of BG/ FDR/ TDR: 11.12.2020.
Tender Fees	Rs. 5,900.00 (including 18 % GST)
Completion period	3 Months
Validity of offer	90 Days
Type of Tender	Open Tender
Pre-Bid meeting	17.07.2020 @ 1100 hrs
Date & time of Submission of Tender online	29.07.2020 @ 1500 hrs
Date & time of Opening of Tender online	30.07.2020 @ 1530 hrs

2. To facilitate payment of Tender Fee and Tender Security/ EMD through RTGS, NEFT & IMPS, the details of bank account of NHSRCL is mentioned below.

Name of Bank	Bank's Address	Account Name & No.	Account Type	IFSC Code
HDFC Bank Limited	209-214, Kailash Building, 26, Kasturba Gandhi Marg, New Delhi-110001	57500000079852	Current	HDFC0000003

3. The tenderers may obtain further information/ clarification, if any, in respect of these tender documents from the 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

4. Tender documents can be downloaded from “www.nhsrcl.in” & “<https://eprocure.gov.in/epublish/app>” from 08.07.2020 to 28.07.2020.



5. A copy of Instructions to Bidders is attached with the bid documents.
6. The pre-bid meeting shall be conducted Online through Video Conferencing on 17.07.2020 @ 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.
7. **Brief Scope of the work:**
 - 7.1. **Location of the works:** The Trees standing in the in the alignment of HSR in the villages namely Rayaka, Sankarda, Padamala, Ajod, Dashrath, Chani, Karodia of Vadodara district shall be digged and transplanted within the vadodara district.
 - 7.2. 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.
 - 7.3. 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, which required for the maintenance of Trees at no additional cost to the NHSRCL.
 - 7.4. Keep the trees well maintained by professional horticulturists.
 - 7.5. 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.
 - 7.6. 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.

- 7.7. 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.
- 7.8. 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.
- 7.9. All resources, including human, machinery and material resources, will be the sole responsibility of the agency.
- 7.10. 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.
- 7.11. 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/ videographs of the trees, etc. and handover the same to the NHSRCL after completion of the work.
- 7.12. All governance, monitoring and reporting aspect of this assignment at region/wing level will be controlled by the concerned NHSRCL officials.
- 7.13. 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.
- 7.14. 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.
- 7.15. 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 smoothed, with preservatives applied.
- 7.16. 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 smoothed.



- 7.17. 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.
- 7.18. Wrap the soil ball with biodegradable materials, and then with large mesh wire netting to maintain its stability.
- 7.19. 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.
- 7.20. 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.
- 7.21. Keep the trees being transported properly moistened, sheltered and protected from wind, strong sunlight, rain, cold weather and theft.
- 7.22. While transporting, loading and unloading, follow traffic safety guidelines, with warning signs erected to alert passing vehicles and pedestrians.
- 7.23. 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.
- 7.24. The transplantation process including excavation, transporting and planting should be completed within the same day as far as possible.
- 7.25. 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.
- 7.26. 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.
- 7.27. Install supporting structures immediately after planting, to prevent tree leaning. Fasten the tree with ropes as per the necessity.
- 7.28. 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.
- 7.29. 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 winter-proof measures.
 - 7.30. Apply foliar fertilizers after transplanting when appropriate.
 - 7.31. 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.
 - 7.32. 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.
 - 7.33. Any other necessary activities as deemed necessary for the successful transplantation of trees and required for the survival of the same.
 - 7.34. 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.
 - 7.35. 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.
8. The intending tenderers must be registered on e-tendering portal <https://eprocure.gov.in/eprocure/app>. Those who are not registered on the e-tendering portal shall be required to get registered beforehand. After registration, the tenderer will get user id and password. On login, tenderer can participate in tendering process and can witness various activities of the process.
 9. The authorized signatory of intending tenderer, as per Power of Attorney (POA), must have valid **Class-II or Class-III digital signature**. The tender document can only be downloaded or uploaded using Class-II or Class-III digital signature. However, the tenderer shall upload their tender on <https://eprocure.gov.in/eprocure/app> using class-II or class-III digital signature of the authorized signatory only.
 10. Tender submissions shall be done online on <https://eprocure.gov.in/eprocure/app> after uploading the mandatory scanned documents towards cost of tender documents such as scanned copies of transaction of payment i.e. RTGS, NEFT & IMPS and towards Tender Security such as Bank Guarantee or Demand Draft or Pay Order or Banker's Cheque from a Scheduled commercial bank based in India or scanned copies of transaction of payment i.e. RTGS, NEFT & IMPS (and other documents as stated in the tender document). Instructions for on-line bid submission are furnished hereinafter.

11. Submission of Tenders shall be closed on e-tendering website of NHSRCL at the date & time of submission prescribed in NIT after which no tender shall be accepted.
It shall be the responsibility of the bidder / tenderer to ensure that his tender is submitted online on e-tendering website <https://eprocure.gov.in/eprocure/app> before the deadline of submission. NHSRCL will not be responsible for non-receipt of tender documents due to any delay and/or loss etc.
12. 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.
13. 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.
14. 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.
15. 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.
16. Tenderer(s) may please also note that if any change/ addition/ deletion with mala-fide 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.
17. Tenders shall be valid for a period of 90 days (both days inclusive i.e. the date of submission of tenders and the last date of period of validity of the tender) from the date of submission of Tenders and shall be accompanied with a tender security of the requisite amount as per clause C18 of ITT.
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. Tenderers are advised to regularly visit e-tendering portal <https://eprocure.gov.in/eprocure/app> for updates.
20. Courts in Gujarat alone shall have the jurisdiction to entertain any application or other proceedings in accordance with Laws of India in respect of anything arising under this Bid.

21. Eligibility Criteria:

- 21.1. The bidder(s) must have executed the tree transplantation works in the past. (attach supporting documents).
- 21.2. 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 Ministry/ Department/ PSUs or Banks, etc. The certificate has to be submitted along with the tender documents.
- 21.3. The bidder(s) must have PAN, GST registration under applicable laws and should submit copies of the same.

22. Instructions for Online Bid Submission:

The bidders are required to submit soft copies of their bids electronically on the e-procurement portal (CPP Portal), using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

22.1. REGISTRATION

- 22.1.1. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link "Online bidder Enrolment" on the CPP Portal which is free of charge.
- 22.1.2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 22.1.3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 22.1.4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- 22.1.5. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.



22.1.6. Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

22.2. SEARCHING FOR TENDER DOCUMENTS

22.2.1. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.

22.2.2. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

22.2.3. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

22.3. PREPARATION OF BIDS

22.3.1. Bidder should take into account any corrigendum published on the tender document before submitting their bids.

22.3.2. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

22.3.3. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

22.3.4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, GST certificate copy, annual



reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” or “Other Important Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

22.4. SUBMISSION OF BIDS

- 22.4.1. Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 22.4.2. The Bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 22.4.3. Bidder has to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument.
- 22.4.4. Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 22.4.5. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid shall be rejected.
- 22.4.6. The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.



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- 22.4.7. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 22.4.8. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 22.4.9. Upon the successful and timely submission of bids (i.e. after Clicking “Freeze Bid Submission” in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 22.4.10. The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.
- 22.5. ASSISTANCE TO BIDDERS**
- 22.5.1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 22.5.2. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.
- 22.5.3. For any Technical queries related to Operation of the Central Public Procurement Portal Contact at: Tel: The 24 x 7 Help Desk Number 0120-4200 462, 0120-4001 002/5, 0120-6277 787.
E-Mail: support-eproc[at]nic[dot]in
International bidders are requested to prefix +91 as country code.

