



**TATA MEMORIAL CENTRE
ADVANCED CENTRE FOR TREATMENT, RESEARCH &**

**EDUCATION IN CANCER (ACTREC)
Kharghar, Navi Mumbai-410 20**

(A Grant-in-Aid Institute under Department of Atomic Energy, Govt. of India)

Date: 03/02/2024

Tender No: TMC/ACTREC/ENGG/PG-217/SQ-157/Transplantation of Trees/2023.

To,

Short Term Tender

Sealed Quotations are invited on behalf of the Director, ACTREC, for carrying out the work mentioned below, which will be received in the office of the undersigned i.e. Advanced Centre for Treatment Research and Education in Cancer, Tata Memorial Centre, Plot No 1 and 2, Sector-22, Kharghar, Navi Mumbai-410210, Maharashtra, India, from competent contractors who have carried out the work of similar kind and magnitude, **Schedule of quantities** is enclosed herewith.

Sr. No.	Name of work	Tender cost (Basic rate) (Rs.)	EMD (Rs.)	Tender Cost (Rs.)
1.	Transplantation of Trees for Proposed Animal Research Facility.	Rs.1,42,479 /-	2,850/-	NIL

Earnest Money deposit 2% of the Tender amount i.e. Rs. 2,850/- to be submitted in the form of Cash Receipt/BG/ Insurance Security Bond/ Fixed deposit /DD/ issued by Scheduled Bank in Favor of Account officer, TMC-ACTREC, payable at Navi Mumbai.

- 1) Rs. 2,850/- in the form of Cash Receipt/FDR/DD as prescribed above.
- 2) EMD in the form of a Cheque will not be accepted
- 3) Agencies have to submit EMD in the prescribed format, failure to submit EMD before the closing date of the tender will lead to summary rejection of the bid.

The undersigned may be contacted between 10.00 a.m. to 5.00 p.m. on any working day.



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Submission of Tender:

The Quotation to be submitted in sealed envelope subscribed "Transplantation of Trees for proposed Animal Research Facility."

Tender No: TMC/ACTREC/ENGG/PG-217/SQ-157/Transplantation of Trees/2023.

A sealed Quotation must be entered and endorsed at the main gate before due date and time. Envelopes received without endorsement at the main gate and or after the stipulated time will not be entertained.

Financial bids will be submitted in the given format only.

Variation in Financial bid format is not accepted and failing to do so will lead to disqualification and rejection of bid.

The tender document can be purchased from 2nd floor, KS-203 Engineering Services, Khanolkar Shodhika, ACTREC, Tata Memorial Centre, Kharghar, Navi Mumbai-410210 during working hours.

Purchase Date of tender: from **03/02/2024 to 12/02/2024 13:00 Hrs.**

The last date of submission of hard copy of Tender is: **12/02/2024, 13:00 Hrs**

Date of Opening of Tender: **12/02/2024, 15:30 Hrs** in the presence of tenderers or their authorized representative present at the time of opening.

An authorized representative of the agency can visit the site to know the actual scope of work and to clarify any queries before quoting.

The agency can contact on:

Phone No: 022-6873/ 2740 5000 Ext; 5011, 5010

Email- pghadi@actrec.gov.in, tender.engg@actrec.gov.in

The rate shall be basic only and GST is applicable as per the Schedule of Quantity. In force and no extra will be paid over and above the quoted rates.

The entire work is to be completed within **20 Days** in accordance with the time schedule.



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The agency shall deposit a Security Deposit at the rate of 2.5% of the (basic value) original work order or amended value therein or from each running account bill in the form of DD/FDR/BG with a validity period covering the defect liability of one year from date of completion. The running account bill will be processed only after receiving the security deposit. This amount will be refunded after the completion of the defect liability period of One Year without any interest from the date of actual completion of work. The validity period of the security deposit to be extended in case of an extension of the contractual period.

5% of Contract value (Excluding GST) of work will have to be submitted towards performance security after acceptance of tender. The same will be returned on satisfactory completion of work.

Scope of work:

1. The Scope of work and the details of 10 no of trees to be transplanted are mentioned in the financial bid. Bidder are advised to inspect the trees which are proposed for transplantation in the campus.
2. All works will be executed as per detailed specifications at ACTREC, Navi Mumbai and as directed by Horticulture Supervisor, ACTREC or officer/official nominated by the Competent Authority.
3. The contractor must ensure that the work shall be completed within 20 days from the issue of LOI/Work Order as the time is the essence of this contract. The Contractor will be required to bring all tools/machineries like JCB/Tractor, Crane, Hose Pipe (for watering purpose), trolley etc. and material and labour required for proper completion of work at ACTREC.
4. In case sufficient water is not available at ACTREC, the contractor will make arrangement of water tanker within the quoted cost for watering these 10 nos Transplanted Tree during the summer season for Maintenance of these trees
5. The contractor must take due care for survival of these trees and after completion of Transplantation work contractor shall make arrangement for **maintenance of these trees upto 06 month.**
6. The Centre shall not be responsible for any loss, breakage or theft of Contractor's material for which he has to make his own arrangement for storage.
7. The Centre shall not pay any compensation in respect of any injury or death caused to the workers of the contractor. It will be the sole responsibility of the Contractor under the applicable law/rules.



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The work for Tree Transplantation

1. Soil Sampling, Testing & Site Selection

- a. The condition of the soil where the tree has to be transplanted is thoroughly checked & necessary treatments are applied to the soil after digging a pit.
- b. The pit size has to be in accordance with the root ball of the tree. There are great differences in the environmental requirement for each tree. The light conditions, moisture, soil pH, wind exposure & improved drainage should be taken into consideration.
- c. All plants require space for root and crown development therefore adequate distance between other plants is necessary.
- d. Preparing receiving pit of earth ball of tree,

2. Root pruning and initiating fresh root growth

- a. Encircling of the existing tree first manually and later with JCB. Pruning unwanted roots were ever possible. Prune the roots in phases and initiate fresh growth of roots and make the plant adapt itself gradually into a new routine whereby after cutting the roots, treat the cut parts and feed it with alternative methods
- b. maintain the perfect earth ball ,roots are cut in a phased manner
- c. Also before initiating root-cutting process, make sure that the tree is not infected and if it is, treat accordingly.

3. Tree packing, feeding and monitoring for adaptation

- a. Remove unwanted, soil and additional red garden soil will be supplied if existing is not of good quality earth and retaining good earth
- b. Packing of trees, timely feeding of the plant with soluble fertilizers and watering.
- c. Regular monitoring regarding fertilizer schedules and the chemicals like insecticides, pesticides during the course for general treatment.
- d. Simultaneously need expert staff to sew packing material properly and tightly according to the root requirement.
- e. Packed the plant in the same environment it needs external support to remain in the same position without falling down because of wind pressure. Scaffolding is required for about one and a half to three months depending upon the condition of the tree for each transplanted tree to give it external support.

4. Transplantation of trees

- a. Crane is required to lift the packed tree and usually a trolley or truck is used to transport the tree depending upon its size from its original location to the place where it is to be transplanted.



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- b. JCB is used for digging pits. Pruning may be required depending upon the size of the root ball, the plant canopy, health of the plant, species transplanted or because of overhead wires and spread of the road while transplantation of the tree.
- c. Lift the tree with the help of crane.

5. Mechanical Support & Pruning

- 1. Mechanical support for trees is necessary when the tree is tall, slow to recover & heavily foliated.
- 2. Scaffolding is required for about one and a half month for each transplanted tree to give it external support. The support provided to a tree should be removed as soon as the tree can stand-alone.
- 6 Post Transplantation Treatments: -
 - a. Insect infested stems or those infected with disease should be removed during transplanting and treatment given. Any broken stems during transplant should be removed cautiously.
 - b. Sometimes additional pruning may be required to balance the leaf area with the reduced size of root system.

Payment Terms:

- 1. Payment shall be settled for the work actually executed by the agency for any particular job order and the executed quantities items wise will be billed after taking joint measurement between the contractor and Engineer-in-charge.
- 2. Payment will be done as per the actual measurement.
- 3. Payment terms other than above mention will not be accepted.
- 4. Payment will be released after completion of work.

Safety:

All the contractor's personnel working in ACTREC campus must follow safety norms and shall be complete with approved safety devices wherever a potential hazard, electrical hazard to personnel exists and with provision for safe access of personnel to and around equipment for operational and maintenance functions. It shall be the responsibility of the contractor that all necessary safety measures and precautions are invariably ensured while performance of the contract work and CLIENT shall not be responsible for any injuries / accidents suffered by contract labor.

The agency is required to provide First Aid Box with all accessories at suitable location during contract period.



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Documents to be submitted:

1. PAN card
2. GST registration certificate.
3. Proof of contractor registration (firm/company registration)
4. Copy of similar work order such as Agency should have experience in Tree cutting or transplantation.
5. All required documents to be submitted along with the Tender duly signed & stamp
6. Self-declaration Make in India as given below:

Canvassing in connection with tender/quotation is strictly prohibited.

Lowest bidder will be decided on quoted basic value only.

The Director, ACTREC reserves the right to reject any or all the quotations or allot part of the work to different agencies without assigning any thereto.



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Make in India Status:

Having read and understood the Public Procurement (Preference to Make in India PPP - MII) Order, 2017 (as amended and revised till date) and related notifications from the relevant Nodal Ministry/ Department, and solemnly declare the following:

Self-certification for the category of suppliers:

(Provide a certificate from statutory auditors/ cost accountant in case of Tenders above Rs 10 Crore for Class-I or Class-II Local Suppliers OR for below 10 Cr. Self-declaration certificate).

Details of local content and location(s) at which value addition is made are as follows:

Local Content and %age	
Location(s) of value addition	

Therefore, we certify that we qualify for the following category of the supplier (tick the appropriate category):

- ☐ Class-I Local Supplier/
☐ Class-II Local Supplier/
☐ Non-Local Supplier.

We also declare that.

- ☐ There is no country whose bidders have been notified as ineligible on a reciprocal basis under this order for the offered Services, or
☐ We do not belong to any Country whose bidders are notified as ineligible on a reciprocal basis under this order for the offered Services.

Rates quoted in the tender shall be valid for 60 days.

Canvassing in connection with tender/quotation is strictly prohibited.

Lowest bidder will be decided on quoted basic value only.

The Director, ACTREC reserves the right to reject any or all the quotations or allot part of the work to different agencies without assigning any thereto.

**Officer-in-Charge,
Engineering Services,
ACTREC**

Encl: 1} Blank Schedule of Quantities separately



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NOTE:

- 1) Agency should visit the site to know actual scope of work before quoting.
- 2) Material brought to the site shall be endorsed at security gate and copy of this same shall be given to engineering department.
- 3) Rate shall be quoted Basic only and GST as applicable will be extra.
- 4) Material required at site should be assessed by the agency and bill will not be settled for excess/supplied items. AMC to be done as per contract schedule & whenever required
- 5) The agency will be in charge of overseeing the right behavior of any personnel they hire to carry out this work.
- 6) All applicable labour laws must be followed by the agency while they are in effect.
- 7) Bill will be settled as per actual measurement/satisfactory service
- 8) If any of the quantities of the products exceed the necessary quantities, the agency must notify the engineer in charge of the work in writing and get permission in advance to execute the excess quantities. Rates for any additional items, if any, shall be agreed upon prior to the execution of such things.
- 9) The contractor shall be liable to pay a compensation for delay of work, equal to 1.0% of the work order value or the amount determined by the Director, ACTREC per month of delay, to be computed on a daily basis on the said estimated cost of the entire work, if the work is not started or completed within the stipulated period as mentioned in the tender. As long as the entire amount of compensation for delays paid under this condition does not exceed 10% of the value of the work or of the item or group of items for which a distinct time of completion was initially specified, as applicable.
- 10) ACTREC reserves the right to terminate the contract immediately and without notice if the agency's work is deemed unacceptable. Any remaining work will be done at the agency's expense and risk. Before terminating the contract by ACTREC, one month's written notice will be given if it is no longer necessary. Contract termination by any party will result in forfeiture of the EMD, Security Deposit, etc., which will be credited to ACTREC.
- 11) The Agency's considerate attention is necessary for the income tax recovery. A recovery of income tax at 2% and any other rate, etc., as prescribed by the Ministry of Finance from time to time, will be made from all bills in respect of the mentioned work, and the amount so deducted will be credited to income tax authorities. An official certificate for the amount so credited will be issued by the accounts officer, ACTREC, in accordance



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with the Ministry of Finance's instructions. Any additional taxes will be withheld at source in accordance with government regulations, and the Accounts Officer, ACTREC, will issue you a certificate for those additional taxes.

Date

Contractor
Seal & Signature



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Bid Security Declaration (To be executed on letter head of bidder)

(Ref ITB-clause 9.2)

Note: Submit as Form 7 as part of Technical bid, a Bid Securing Declaration In lieu of in the following format.

Bid Securing Declaration

(on Company Letter-head)

Bidder's Name _____

[Address and Contact Details]

Bidder's Reference No. _____

Date.....

To

Officer in charge, Engineering Services

ACTREC-TMC

Ref: Tender Document No. TMC/ACTREC/ENGG/PG-217/SQ-157/Transplantation of Trees/2023.

Tender Title: Transplantation of Trees for proposed Animal Research Facility.

Sir/ Madam

We, the undersigned, solemnly declare that:

We understand that according to the conditions of this Tender Document, the bid must be supported by a Bid Securing Declaration instead of Bid Security.

We unconditionally accept the conditions of this Bid Securing Declaration. We understand we shall stand automatically suspended from being eligible for bidding in any tender in ACTREC-TMC for 2 years from the date of opening of this bid and the Earnest money deposit will be forfeited, if we breach our obligation(s) under the tender conditions if we:

- withdraw/ amend/ impair/ derogate, in any respect, from our bid, within the bid validity;
or being notified within the bid validity of the acceptance of our bid by the ACTREC:
- (a) refused to or failed to produce the original documents for scrutiny or the required Performance Security within the stipulated time under the conditions of the Tender Document.
- (b) Fail or refuse to sign the contract.



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We know that this bid-Securing Declaration shall expire if the contract is not awarded to us, upon:

- 1) receipt by us of your notification
 - (a) of cancellation of the entire tender process or rejection of all bids or
 - (b) of the name of the successful bidder or
- 2) Forty-five days after the expiration of bid validity any extension to it.

(Signature with date)

.....

(Name and designation)

Duly authorized to sign bid for and on behalf of.....

[name & address of Bidder and seal of company]

Dated on day of [insert date of signing]

Place..... [insert place of signing]

DA:.....



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VENDOR DATA SHEET			
S. NO	PARTICULARS	DATA TO BE FILLED UP	REMARKS
DETAIL OF THE AGENCY:			
1	Name of the Agency		
2	Type of Firm Proprietorship/ partnership/Limited Company/ any other		
3	Registration details with PWD/CPWD and any other Govt. Dept.		
4	Year of establishment		
5	Postal address		
6	Contact No. with STD code		
7	Name of Contact person		
8	Mobile No.		
9	e-mail ID		
10	Name of Bank		
11	IFSC code		
12	Account No.		
13	PAN Card		
14	GST No.		



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Compliance form-1

NIT: TMC/ACTREC/ENGG/PG-217/SQ-157/Transplantation of Trees/2023.

Sl.No	Description of Item	Unit	Quantity	Compliance from agency
1.	<p>Transplantation of trees with in a distance of 2km including excavation around existing tree, pruning of branches, lifting, loading and transportation of existing tree, digging pits for placing tree at new place, adding manure, sand, fertilizer, hormones and bio fertilizer to it. Levelled and neatly dressed and disposal of surplus materials from old existing and new sites to designated place. Each tree should be firmly secured to the stake so as to prevent excessive movement, flooding with water, treatment of roots, rope and gunny bags as per direction of the officer in-charge. T&P and all required materials shall be arranged by the contractor and nothing extra shall be paid on this account.</p> <p>Work also includes maintenance of tree along with horticulture department for a span of 6months.</p>	Nos	10.00	Yes/No



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Compliance form-2

NIT.: TMC/ACTREC/ENGG/PG-217/SQ-157/Transplantation of Trees/2023.

Name of the Vendor		
Sr. No	Description	Compliance from agency(Yes/No)
1	We have understood technical requirements and understood the same in right perspective.	
2	We have quoted for all the items in Financial Bid in the prescribed format of the tender documents.	
3	We have read the financial bid thoroughly before filling it and understood the same in right perspective	
4	We understood that partial/incomplete/vague offers are liable for rejection.	
5	We have understood the eligibility criteria as well as criteria for identifying lowest bidder.	
6	Are there any deviations from (bidder) side	
7	If yes, deviations have been mentioned on separate page and attached with technical bid in detail. Deviation is supported with necessary documents, catalogues etc.	
8	We have noted that accepting or rejecting the deviation and consequently rights to qualify and disqualify the agency remains with competent authority of TMC-ACTREC.	
9	We have understood and accepted that accepting the tender & issuing order in full or in part will be decided by the TMC-ACTREC competent authority as per policy of the center.	

Date

Signature