



**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: 19/05/2025

Tender No: TMC/ACTREC/ENGG/PG/SQ-20/Structural Audit for Parijat Building/2025

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.	Structural Audit and preparation of BOQ for Strengthening and Waterproofing for the Parijat Building at ACTREC.	1,26,113/-	2,522/-	NIL

Earnest Money deposit 2% of the Tender amount, i.e., Rs. 2,522/-to be submitted in the form of Cash Receipt/BG/ Insurance Security Bond/ Fixed deposit /DD/ issued by a Scheduled Bank in Favor of the Account officer, TMC-ACTREC, payable at Navi Mumbai.

- 1) Rs. 2,522/- 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 is to be submitted in a sealed envelope subscribed "Structural Audit and preparation of BOQ for Strengthening and Waterproofing for the Parijat Building at ACTREC."

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.

Tender No: TMC/ACTREC/ENGG/PG/SQ-20/Structural Audit for Parijat Building/2025.

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 19/05/2025 to 26/05/2025 13:00 Hrs.

The last date of submission of hard copy of Tender is: 26/05/2025, 13:00 Hrs

Date of Opening of Tender 26/05/2025, 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 quarries before quoting.



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The agency can contact on:

Phone No: 022-6873/ 2740 5011, 5010

Email-navnath.actrec@gmail.com, 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 **1 Month** in accordance with the time schedule.

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. Marking Structural Distress

- Identifying and marking critical areas of distress in building drawings and structural plans.

2. Visual Health Inspection

- Conducting a qualitative structural audit in accordance with the latest guidelines of the Indian Society of Structural Engineers.
- Inspecting internal, external, and common areas using a light tapping hammer.
- Recording visible defects, deterioration, and locations of water seepage in floor plans.

3. Damage Assessment of RCC Members

- Performing visual inspection and relevant structural tests as per financial bid specifications.

4. Identification of Damage Causes

- Investigating the sources of seepage, leakages, and assessing external plumbing installations.

5. Comprehensive Reporting

- Preparing detailed reports based on visual inspections and test results.



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- Prioritizing repair, remedial, and retrofitting measures, supported by photographs where necessary.
- Documenting room-wise observations.
- 6. Clarification of Scope**
 - The described tasks are indicative and not exhaustive; additional works may be required.
- 7. Core Cutting & Hole Filling**
 - Identifying necessary core cutting locations without compromising the structural integrity.
- 8. Site Visit**
 - Agency must visit the site for accurate assessment of the scope of work.
- 9. Detailed Visual Inspection**
 - Inspecting all flats, marking all distress points, seepage areas, and cracks with photographic documentation.
- 10. Structural Testing & NDT**
 - Conducting necessary structural and non-destructive tests (NDT) at appropriate locations to assess building health.
- 11. Comprehensive Assessment Report**
 - Providing a structured report with:
 - Visual Inspection Report
 - Structural Inspection Report
 - NDT Test Report
- 12. Marking of NDT Inspection Areas**
 - Clearly documenting all inspected NDT structure locations in the layout.
- 13. Cost Estimation & Repair Proposal**
 - Preparing and submitting a detailed estimate for structural rehabilitation, including waterproofing where needed.
- 14. Structural Strengthening Recommendations**
 - Providing design, drawings, and methodology for required strengthening work.
- 15. Occupancy Recommendation**
 - Assessing the building's fitness for occupancy based on the findings.

Payment Terms:

1. Payment will be released 100% on execution of total scope of works and only after valid certification is provided in original.

General Conditions:

Agency has to carry out Police verification (Character and antecedent verification) of all the labors and supervisor those are to be engaged for the execution and work completion.



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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.

Documents to be submitted:

1. PAN card
2. GST registration certificate.
3. Proof of contractor registration (firm/company registration)
Copy of similar work order, completion certificate such as agency should have experience in structural audit in building work.
4. All required documents to be submitted along with the Tender duly signed & stamp
5. 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.

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 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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**Make in India Status
(To be executed on letter head of bidder)**

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.



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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/SQ-20/Structural Audit For Parijat Building/2025

Tender Title: "Structural Audit and preparation of BOQ for Strengthening and Waterproofing for the Parijat Building at ACTREC."

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:



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- (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.

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/SQ-20/Structural Audit for Parijat Building/2025

Sr.No	Description of Item	Unit	Quantity	Compliance from agency (Yes/No)
1	Visual observation and rebound hammer test: Identify & note the distress, damages, leakages and take required photographs including total internal & external data collection of the building and to know the strength rebound hammer test.	LS	1.00	
2	Carbonation Depth Test: Preparing the surface of RCC structural member such as beams, columns, slabs, water tank walls & slab etc by chipping the plastered surface/finishing/cladding to expose the concrete, cutting etc as per relevant code and conducting carbonation test at various depth as directed by consultant using phenolphthalein of specified concentration to assess depth of carbonation including analysis of the test result & preparation of separate report for each building with observations and recommendations for remedial measures if any.	Nos	20.00	
3	Half Cell Potential Test for Corrosion mapping. Preparing the structural members as directed to expose the reinforcement steel, cleaning the area with blower/wire brush and carrying out half-cell potentiometer test for measuring the level of corrosion of reinforcement steel in the RCC member including analysis of the test result & preparation of separate report for each building with observations and recommendations for remedial measures if any. ASTM C 876 - 2015.	Nos	20.00	
4	Core Test: Deciding the location by using "Rebar Locator/Cover Meter" and Preparing the structural members as directed to expose the concrete, cleaning the area with blower/wire brush and taking out the concrete	Nos	6.00	



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	sample with cutter and testing as per standard specification including analysis of the test result & preparation of separate report for each building with observations and recommendations for remedial measures if any. as per IS: 516 – 1959 Reaffirmed 2013.			
5	Chemical test such as chrolide penetration test, sulphate content and PH content on the core samples available during core test done on samples. Separate report to be submitted for the same.	Nos	10.00	
6	Preparation of complete report which includes conclusions of all the test reports and findings. Instructions for remedial measures, preparation & submission of appropriate retrofitting, repair method and strengthening scheme if strengthening not possible then providing BOQ/estimate for external type structure for complete or partial load transfer to the ground by having strucutural members attached to the existing column and beam structure. Including preparation & Submission of BOQ/estimate for structural strengthening, retrofitting, repair & allied works.	LS	1.00	



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Compliance form-2

NIT: TMC/ACTREC/ENGG/PG/SQ-20/Structural Audit for Parijat Building/2025

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.	

Officer-in-Charge,
Engineering Services,
ACTREC