



**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: 13/03/2023

Tender No: TMC/ACTREC/Engg/PG-164/SQ-132/Structural consultancy SB/2022-2023  
To,

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**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, feasibility study and preparation of BOQ for strengthening of Service block for placing chillers at ACTREC.	Rs:85,000/-	1700/-	NIL

Earnest Money deposit – 2% OF Tender amount i.e. Rs. 1700/- to be submitted in the form of Cash Receipt/ Fixed deposit /DD/ Insurance Surety Bond issued by Scheduled Bank in Favour of Account officer , TMC-ACTREC, payable at Navi Mumbai.

- 1) Rs.1700/- in the form of Cash Receipt/FDR/DD as prescribed above.
- 2) EMD in the form of Cheque will not be accepted
- 3) EMD – As per circular Dt:12th November 2020 from Ministry of Finance and Rule 170 of General Financial Rules (GFR's) 2017, Micro and Small Enterprises (MSE's) and the

firms registered with concerned Ministries / Departments are exempted from submission of EMD provided the submission of MSME Certificate by the Vendor along with tender. Further, in lieu of Bid Security, Bidders to sign "Bid Security Declaration" accepting that if they withdraw or modify their bids during period of validity etc., they will be suspended for the period of ONE YEAR from opening of financial bid.

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

### **Submission of Tender:**

The Quotation to be submitted in sealed envelope subscribed "Structural Audit, feasibility study and preparation of BOQ for strengthening of Service block for placing chillers at ACTREC."

Sealed Quotation must be entered and endorsed at main gate before due date and time. Envelope received without endorsement at main gate and or after stipulated date or time will not be entertained.

The tender document can be purchased from 2<sup>nd</sup> floor, KS-203 Engineering services, Khanolkar Shodhika, ACTREC, Tata Memorial Centre, Kharghar, Navi Mumbai-410210 during working hours with payment of tender cost.

Purchase Date of tender: from 15/03/2023 15:00 Hrs. to 23/03/2023, 15:00 Hrs.

Last date of submission of hard copy of Tender is: 23/03/2023, 15:00 Hrs.

Date of Opening of Tender: 24/01/2023, 15:00 Hrs. in the presence of tenderers or their authorized representative present at the time of opening.

Authorized representative of agency can visit the site to know the actual scope of work and to clarify any queries before quoting and final date of submission.

The agency can contact on:

Phone No: 022-6873 5000, Ext 5011, 7978738806.

Email id- [pghadi@actrec.gov.in](mailto:pghadi@actrec.gov.in) , [tender.engg@actrec.gov.in](mailto:tender.engg@actrec.gov.in)

The rate quoted shall be basic only and GST extra 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 **30 Days** in accordance with the time schedule.

2.5% of the total value of work will be deducted from the bill(s) towards Security Deposit and which shall be released on the expiry of defects liability period of one year.

3% of tender value of work will have to submit toward performance security after acceptance of tender. The same will be returned on satisfactory completion of work.

**SCOPE OF WORK: -**

1. Inspect the site of work, conduct a structural audit and feasibility study
2. Study the drawing for the service block building.
3. Also conduct various types of tests, such as chemical, Non-destructive, and core tests, to assess the strength of the structure.
4. Preparation of BOQ for strengthening the Service block for placing chillers on its terrace.
5. It also includes providing BOQ/estimate for strengthening of structure or providing an external support structure to take up the load of the chillers on the terrace.

**Payment Terms:**

Payment shall be given for the work actually executed by the agency and the executed quantities items wise will be billed after taking joint measurement between contractor and Engineer-in charge. Payment term other than above mentioned will not be accepted. Payment will be released 100 % 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 hazards to personnel exist 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 labour. 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
4. Copy of similar work order such as structural consultancy work

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

**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.
- 5) Bill will be settled as per actual measurement.

Date:

sign & seal of  
contractor

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

Whereas, I/we ..... (Name of agency) .....  
have submitted bids for ..... (Name of Work)... ..... NIT  
No.....

I/We hereby submit following declaration in lieu of submitting Earnest Money Deposit :-

(1) If after the opening of tender, I/we withdraw or modify my/our bid during the period of validity of tender (including extended validity of tender) specified in the tender documents,

OR

(2) If, after the award of work, I/we fail to sign the contract, or to submit performance guarantee before the deadline defined in the tender documents,

I/We shall be suspended for one year and shall not be eligible to bid for ACTREC/TMC tenders from date of issue of suspension order.

Signature of the Contractor(s)

With Seal and Date

### 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:

a) 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.

b) 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.

**Name of work :** Structural Audit, feasibility study and preparation of BOQ for strengthening of Service block for placing chillers at ACTREC.

**Tender No:** TMC/ACTREC/Engg/PG-164/SQ-132/Structural consultancy SB/2022-2023

**Schedule of Quantity:**

Sr No	Item Description	Unit	HSN CODE	Qty	Rate	Amount
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.	LS		1.00		
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.	LS		1.00		

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 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.	LS		1.00		
5	Chemical test such as chloride 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.	LS		1.00		
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 structural 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		
	<b>Total Amount</b>					

**Amount In word:**

**Seal & Sign of contractor**