

Government of India  
Department of Atomic Energy  
Indira Gandhi Centre for Atomic Research  
**Reactor Design and Technology Group**  
**Experimental Thermal Hydraulic Section**  
**Hydraulic Experiments Section**

**NOTICE INVITING e-TENDER**

**e-tenders** in TWO parts are invited on behalf of the President of India by the **Director RDTG, IGCAR** Kalpakkam 603 102, Chengalpattu District, Tamilnadu from reputed and experienced Contractors with proven technical and financial capabilities and meeting the conditions as stipulated in the subsequent pages of this NIT and who have executed three similar completed works each costing not less than the amount equal to 40% of the estimated cost put to tender, [or] Two similar each completed works, each costing not less than the amount equal to 60% of the estimated cost put to tender [or] One similar completed work of aggregate cost not less than the amount equal to 80% of the estimated cost during past seven years ending last day of the month previous to the one which applications are invited. The works completed upto previous day of last date of submission of tenders shall also be considered.

Note: The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to last date of submission of tender.

**NIT No.: IGC/RDTG/ETHD/Low bay structure hall IV/2022**

Name of work	<b>Material supply, fabrication and erection of support structure in Low Bay Hall IV</b>
Estimated Cost	<b>Rs. 19100000 /-</b>
Time Allowed	<b>12 [Twelve] Months</b>
Earnest Money Deposit	<b>Rs.382000/- (Rs. Three Lacs Eighty Two Thousands only)</b> in the form of Deposit at Call receipt or Demand Draft / Bankers Cheque/ FDR drawn in favour of PAY AND ACCOUNTS OFFICER, IGCAR, Kalpakkam payable at Kalpakkam. <b>Cash, Cheque, bank guarantee for Earnest Money deposit will not be accepted.</b>
Security Deposit	<b>2.5% of tendered value</b>
Performance Guarantee	<b>3% of tendered value</b>
Cost of Tender Document	<b>Nil.</b>
Tender processing fee	For details please visit <a href="http://www.tenderwizard.com/DAE">www.tenderwizard.com/DAE</a> .
Dates of availability of Tender Documents for view and download	From <b>28.07.2022</b> (10:00 Hours) to <b>08.08.2022</b> (15:00 Hours) on website <b><a href="http://www.tenderwizard.com/DAE">www.tenderwizard.com/DAE</a></b> .
<b><i>Please note that the tender will be available for download between the dates as prescribed above. Agencies interested in participating must register in the webportal and pay the prescribed registration charges as per requirements, should pay tender processing fee online, all within the dates prescribed above. <u>Only agencies who have registered in the above mentioned webportal can participate in e-tender.</u> Detailed NIT is also available on website <a href="http://www.igcar.gov.in">www.igcar.gov.in</a> for view only.</i></b>	
Free viewing of Tender Documents in PDF format.	Click " <b>TENDERS OF DAE</b> " on Home page of Website <a href="http://www.tenderwizard.com/DAE">www.tenderwizard.com/DAE</a> . If interested in participating in the tender, download Technical & Financial Bids in Excel Format as under.
Purchase of tender Documents in Excel Format for participation in tendering.	Login in the Home page of the website <a href="http://www.tenderwizard.com/DAE">www.tenderwizard.com/DAE</a> with your User ID / Password & Class III Digital Signature Certificate. Click on " <b>UNAPPLIED</b> " button; then Click on " <b>REQUEST</b> " icon

	(blue colour); Pay <b>TENDERPROCESSING FEE</b> online. Click on " <b>SUBMIT</b> " button. Now click on " <b>INPROGRESS</b> " button. In status column you will find the tender is <b>RECEIVED</b> . You will be able to download required Tender Documents by clicking " <b>EDIT ATTACHMENT</b> " icon for any number of times till last date of submission. Please refer Help Manual for submission of Tender / contact Help Desk at <a href="mailto:daehelpdesk@gmail.com">daehelpdesk@gmail.com</a> for any queries.
Last date and time of closing of online submission of tenders:	<b>16.08.2022 (14:30 Hours)</b>
Last date for submission of Original DD/BC/FDR etc. towards EMD.	<b>On or Before 16.08.2022 (15:30 Hours), at, The Office of Director, RDTG, IGCAR, Kalpakkam - 603 102, District: Chengalpattu. Contact No: 044-27480500 Extension-22725/21451/21414</b> The tenderer shall be required to place the Earnest Money in sealed envelope marked ' <i>Earnest Money</i> ' mentioning tender number on it and submitted. <i>If the tenderers fail to submit original DD/BC/FDR etc, within the prescribed period as mentioned above those tenders will be summarily rejected.</i>
Date and time of online opening of Technical Bid	<b>18.08.2022 (11:00 Hours) at Office of Director RDTG, IGCAR, Kalpakkam.</b>
Verification of credentials for e-Tendering mode	<b>From 22/08/2022 to 29/08/2022</b> <b>Note: Original documents substantiating the eligibility criteria all mentioned should be produced for verification during evaluation process. If the tenderers fail to submit original credential for verification, those tenders will be summarily rejected. For outstation bidders who have difficulty in appearing in person notary certified documents can be submitted.</b>
Date of opening of Financial Bids of qualified bidders	Date Will be notified later.

The security deposit at 5% of the gross amount of the bill shall be deducted from each running bill of the contractor till the sum amount to security deposit of 2.5% of the tendered value of the work. In addition the contractor shall be required to deposit of **3%** of the tendered value of the contract as performance security in the prescribed form within a period of fifteen days of issue of letter of intent.

**TENDERS NOT FURNISHING THE FOLLOWING ARE LIABLE TO BE SUMMARILY REJECTED**

1. Contractors who fulfil the following requirements shall be eligible to apply. Joint ventures are not accepted.
2. Proof of registration with Government / Semi Government organizations like CPWD, MES, BSNL, Railways, State PWDs etc. in appropriate class OR having experience in execution of similar nature of works. Scanned copy shall be uploaded.
3. Experiences of having successfully completed works during the last seven years ending last day of the month previous to the one in which applications are invited as follows:  
**(#)** Three each similar completed works costing not less than the amount equal to 40% of the estimated cost put to tender, [or] Two each similar completed works, costing not less than the amount equal to 60% of the estimated cost put to tender [or] One similar completed work of aggregate cost not less than the amount equal to 80% of the estimated cost.

**(#) Similar work shall mean “Works involving, fabrication of carbon steel or Stainless Steel structures or piping.”**

Note:

- a) Eligible similar nature of works should have been executed in India Only.
- b) Works got executed on back to back basis through another contractor will not be treated as eligible works.
- c) In case of the work done under private sector, the completion certificate shall be supported with the copies of TDS certificate.
- d) The value of executed works shall be brought to current costing level by enhancing the actual value of work **at simple rate of 7% per annum**, calculated from the date of completion to last date of submission of tenders.

**4. Details of documents/ format to be completed and uploaded:**

- A. Should have an average annual financial turnover on **works** of at least 100% of estimated cost during the immediate last 3 consecutive financial year ending **31.03.2021**. **Scanned copy of certificate from Chartered Accountant to be uploaded.** Should not have incurred any loss for more than two years during the last five years ending previous financial year (**2021**). Details shall be furnished duly supported by figures in balance sheet/profit & loss account for the last 5 years duly certified by Chartered Accountant as uploaded by the applicant to Income tax department as per proforma as specified in Form – A.

The bidding capacity of the contractor should be equal to or more than the estimated cost of the work put to tender. The bidding capacity shall be worked out by the following formula:

**Bidding Capacity = [AxNx2] – B**

*Where,*

**A** = Maximum turnover in works executed in any one year during the last five years taking into account the completed as well as works in progress. The value shall be brought to current costing level by enhancing at a simple rate of 7% per annum.

**N** = Number of years prescribed for completion of work for which bids has been invited.

**B** = Value of existing commitments and ongoing works to be completed during the period of completion of work for which bids have been invited.

- B. Should have a solvency of 40% of estimated cost obtained from competent authorities as per proforma specified in Form – B shall be uploaded. The solvency certificate should be valid on the day of tender opening.
- C. Applicant should upload the details of all works of similar class completed in the proforma as specified in Form – C.
- D. List of projects under execution or awarded shall be uploaded as per proforma specified in Form – D.
- E. Performance report of works referred to in Forms ‘C’ shall be uploaded as per proforma specified in Form – E.
- F. Details regarding structure and organisation of the firm shall be uploaded as per proforma specified in Form – F.
- G. Details regarding manpower possessed shall be furnished as per proforma Form – G shall be uploaded. The details of trained and certified workmen proposed to be employed at the work site of the project should also be furnished.
- H. Bidding Capacity Format as per proforma Form – H shall be uploaded

- I. Check List Format as per proforma Form – I shall be uploaded
- J. PAN Certificate in the latest approved form.
- K. The contractor should be registered under Goods & Service Tax (GST) and GST as applicable as per the extant order on the subject on the above work shall be paid by the Contractor to concerned Department.
- L. The bidder should be registered with Employees Provident Fund Organization and Employees State Insurance Corporation and furnish the certificates of Registration with EPFO and ESIC or Acknowledgement of having applied for registration with EPFO and ESIC.
- M. Bidder's profile shall invariably contain (i) EPF registration number and ESI registration number or (ii) Particulars of Acknowledgement of having applied for registration with EPFO and ESIC.
- N. Certificates (Scanned copy of original certificates to be uploaded)
  - i) Performance Certificates
  - ii) TIN Registration
  - iii) Goods & Service Tax (GST) registration certificate
  - iv) PAN (Permanent Account Number) Registration
  - v) Registration certificate in CPWD / State PWD / MES OR having experience in execution of similar nature of works.
  - vi) Form A to Form I
  - vii) Registration with EPFO and ESIC
  - viii) Undertaking A to D of Annexure I, Annexure II, Annexure III.

**NOTE: The Originals of the above certificates shall be produced as and when called for. (Scanned copy to be uploaded at the time of submission of bid). Irregularities if any observed will lead to rejection of the offer irrespective of the stage at which it is observed. Such bidders will be debarred for bidding in all works of DAE in future.**

- O. UNDERTAKING as under for e-tendering mode:-  
I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in DAE in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Performance Guarantee. **(Scanned copy to be uploaded at the time of submission of bid).**

**NOTE: The quoted rate for each item shall be inclusive of GST and shall be payable by the contractor and IGCAR will not entertain any claim whatsoever in this respect.**

- 5. Past Performance:-  
Even though any bidder may satisfy the above requirements, he would be liable to disqualification if he has.
  - a) Made misleading or false representation or deliberately suppressed the information in the forms, statements and enclosures required in the eligibility criteria document.
  - b) Record of poor performance such as abandoning work, not properly completing the contract, or financial failures/weakness etc.
  - c) Any effort on the part of the bidder or his agent to exercise influence or to pressurize the employer would result in rejection of his bid. Canvassing of any kind is prohibited.

6. Bidders debarred for bidding in any of the DAE units are not eligible to participate in the tender.

**Additional instructions to the bidders:**

1. IGCAR site, DAE, Kalpakkam is located 85kms away from Chennai. The site is accessible by road from Chennai via Chengalpattu, Thirukalukundram and also via Mamallapuram by East Coast Road (ECR). The contractor may note the severe climatic condition existing in the region with co-incident humidity, salt laden atmosphere and high temperature conducive to rust and fungus growth.
2. Information and Instructions for tenderers posted on website shall form of tender document for e-tendering mode.
3. The tender document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website [www.tenderwizard.com/DAE](http://www.tenderwizard.com/DAE) free of cost for e-tendering mode.

The bid can only be submitted after uploading the mandatory scanned documents such as Demand Draft or Banker's Cheque or Fixed Deposit Receipts of any Scheduled Bank towards EMD in favour of "**PAY AND ACCOUNTS OFFICER, IGCAR, Kalpakkam**" and Processing Fee by e-payment as mentioned in [www.tenderwizard.com/DAE](http://www.tenderwizard.com/DAE)

4. **Those contractors not registered on the website [www.tenderwizard.com/DAE](http://www.tenderwizard.com/DAE), are required to get registered for e-tendering mode. Registered contractors only can download & submit / upload tenders.**
5. The intending bidder must have valid class-III digital signature to submit the bid for e-tendering mode.
6. On opening date, the contractor can login and see the bid opening process for e-tendering mode.
7. For e-tendering mode, contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in YELLOW colour and the moment rate is entered, it turns SKY BLUE. **If any cell is left blank the same shall be treated as "0"**. Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).
8. For e-tendering mode, in the case of bids in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.
9. The Department reserves the right to accept / reject any prospective application without assigning any reason thereof.
10. Short listing of the agencies shall be subject to thorough verification of their credentials and inspection of works carried out by them, through a Technical Evaluation Committee of experts, constituted by IGCAR.
11. IF ANY INFORMATION FURNISHED by the applicant is found to be incorrect at a later stage, they shall be liable to be debarred from tendering / taking up works in IGCAR/GSO.
12. In case of successful tenderer, the tenderer is required to deposit an amount equal to **3%** of the tendered value of the contract as irrevocable performance guarantee in the form of bank guarantee from any of the scheduled bank or by demand draft from State bank of India or Canara Bank drawn in favour of **Pay & Accounts Officer, IGCAR, Kalpakkam**

payable at Kalpakkam within a period of 15 days of issue of letter of intent. The letter of award of work will be issued only after the above said performance guarantee in any one of the prescribed forms is received and accepted failing which the Government shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the earnest money absolutely.

13. In addition to the above, the successful tenderer is required to remit security deposit amounting to 2.5% of the tendered value which shall be deducted at 5% of the gross amount of the bill from each running bill, till total security deposit is recovered. EMD deposited along with bid will be returned after receiving Performance Guarantee.
14. Contractor should have valid ESI & EPF registration. The employer's contribution as per extant government orders shall be paid by the contractor which shall be reimbursed on production of documentary evidence. Hence the quoted rate shall not be inclusive of ESI & EPF employers contribution
15. Tenderer to note that tenders with any condition including that of conditional rebate shall be rejected forthwith. (Applicable for single part tenders only)
16. Bidders shall not be under a declaration of ineligibility for tender quoting and fraudulent practice.
17. Documentary evidence of adequate financial standing.
18. Information regarding projects in hand, current litigation, orders regarding exclusion, expulsion or block entry if any to be furnished.
19. The capacity of the contractor to take up a new project under consideration in addition to his present commitments must be clearly brought out. He should also furnish the details referring as to have both physically and financially capable of executing this contract in the stipulated time as per milestones projected in addition to executing the other commitments.
20. Copies of original documents detailing the constitution or legal status, place of regulation and principle place of business, written power of attorney of the regulatory of the bond to commit the bidders.
21. Evidence of adequacy of working capital for this contract. Access to lines of credit and availability of other financial resources.
22. Information regarding any litigation, current or during the last five years, in which the bidder is involved, the parties concerned and disbursed amount.
23. Proposals for sub-contracting components of the works including the qualification and experience of the identified sub-contractor in the relevant field.

**Director RDTG, IGCAR** on behalf of President of India does not bind himself to accept the lowest or any other tender and reserves to himself the authority to reject any or all of the tenders or to allot parts of the works to different agencies without assigning any reasons there for. All tenders, in which any of the prescribed conditions is not fulfilled shall be summarily rejected.

*Basu*  
20/7/22  
Director

**Reactor Design & Technology Group,  
Indira Gandhi Centre for Atomic Research  
For and on behalf of the President of India**