Government of India  
Department of Atomic Energy  
Indira Gandhi Centre for Atomic Research  
Reactor Design & Technology Group  
Sodium Facilities Group  
Rig Operation Division  
Steam Generator Test Facility  

**NOTICE INVITING e-TENDER**  

**Tender No:** IGC/RDTG/SFG/RIOD/SGTF/FH/2020-21  

Director, Reactor Design & Technology Group, Indira Gandhi Centre for Atomic Research, Kalpakkam-603102, Chengalpet District, Tamilnadu on behalf of the President of India invites online item rate tender [in two bid] for the following works from reputed and experienced Contractors or who are all in the approved list of the appropriate class of Central Public Works Department, State Public Works Department, Railways, Military Engineer Services with proven technical and financial capabilities, possessing the required equipments and who have executed similar work(#):

<table>
<thead>
<tr>
<th>1.1</th>
<th>Name of work</th>
<th>Modification works in furnace oil and steam pipelines in the burner portion of fired heater system in Steam Generator Test Facility (SGTF).</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2</td>
<td>Estimated Cost</td>
<td>Rs. 6,96,991.0/- (Rupees Six lakhs Ninety six thousand nine hundred ninety one only).</td>
</tr>
<tr>
<td>1.3</td>
<td>Time allowed</td>
<td>Nine months.</td>
</tr>
<tr>
<td>1.4</td>
<td>Earnest Money Deposit (EMD)</td>
<td>Rs. 13,940/- (Rupees Thirteen thousand nine hundred forty only).</td>
</tr>
<tr>
<td>1.5</td>
<td>Security Deposit</td>
<td>2.5% of tendered value.</td>
</tr>
<tr>
<td>1.6</td>
<td>Performance Guarantee</td>
<td>5% of tendered value.</td>
</tr>
<tr>
<td>1.7</td>
<td>Tender processing fee</td>
<td>E – payment as charged by <a href="http://www.tenderwizard.com/DAE">www.tenderwizard.com/DAE</a>. For further help, Contact: <a href="mailto:daehelpdesk@gmail.com">daehelpdesk@gmail.com</a>. Mobile: +919789819076. Landline: 080 40482000</td>
</tr>
<tr>
<td>1.8</td>
<td>Tender document cost</td>
<td>NIL</td>
</tr>
<tr>
<td>1.9</td>
<td>Dates of availability of Tender Documents for view and download</td>
<td>From 20/08/2020 to 31/08/2020 (from 10:00 to 15:00 hours) on website <a href="http://www.tenderwizard.com/DAE">www.tenderwizard.com/DAE</a>.</td>
</tr>
<tr>
<td>1.10</td>
<td>Last date of submission of online clarification.</td>
<td>Contractors are requested to send their pre-bid queries by e-mail to <a href="mailto:skumar@igcar.gov.in">skumar@igcar.gov.in</a> not later than 03/09/2020.</td>
</tr>
<tr>
<td>1.11</td>
<td>Date of pre-bid clarification</td>
<td>08/09/2020 at the office of Director, RD&amp;TG, IGCAR, Kalpakkam-603102</td>
</tr>
<tr>
<td>1.12</td>
<td>Last date and time of closing of online submission of technical and financial bid</td>
<td>11/09/2020 (17:00 Hours)</td>
</tr>
</tbody>
</table>
| 1.13 | Procedure to be followed for submission of EMD & Eligibility documents | Bidders shall place EMD, and e-payment receipt of tender processing fee in a single sealed envelope superscripted as “EMD and TENDER PROCESSING FEE” with name of work and due date of opening of the bid also mentioned thereon. Copy of certificate of work experience, audited balance sheet, bank solvency certificate and other documents mentioned below shall be scanned and uploaded to the e-
| 1.14 | Last date for submission of Original DD/BG/FDR towards tender processing fee, EMD and other eligibility documents | 16/09/2020 (15:00 Hours) in The Office of Director, Reactor Design & Technology Group, IGCAR, Kalpakkam-603 102, Chengalpattu District
(OR) Office of Head- TCPAS, TC&QCD, 6th Floor, Shastri Bhavan, No:26, Haddows Road, Chennai 600 006. If the tenderers fail to submit originals within the prescribed period as mentioned above those tenders will be summarily rejected. |

| 1.15 | Date and time of online opening of technical Bid | 25/09/2020 (11:00 Hours) in the office of Director, RD&TG, IGCAR, Kalpakkam - 603102 |

| 1.16 | Date of verification of credentials for e-tendering mode | 28/09/2020 to 09/10/2020 Note: Original documents substantiating the eligibility criteria all mentioned should be produced for verification during evaluation process. If the bidders fail to submit original credentials for verification within the prescribed period as mentioned above those tenders will be summarily rejected. |

| 1.17 | Date and time of online opening of Financial bids | Shall be communicated at a later date to qualified bidders. |

Note: Corrigendum/Addendum/Amendments, etc if any, shall be hosted on IGCAR/Tender wizard website only. Bidders are requested to visit the website regularly.

( # ) Similar work means tenderers who have successfully executed the works as specified: Fabrication/erection/inspection/testing of carbon steel or stainless steel piping and should have both IBR and Non IBR qualified welder.

2. **TENDER REQUIREMENTS FOR ELIGIBILITY**
TENDERS NOT ACCOMPANYING THE FOLLOWING ARE LIABLE TO BE SUMMARILY REJECTED. CONTRACTORS WHO FULFIL THE FOLLOWING REQUIREMENTS SHALL BE ELIGIBLE TO APPLY.

1. 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. **Proof of execution of similar works:** Experience of having successfully completed similar works during the last seven years ending last day of the month previous to the one in which applications are invited. The works completed up to previous day of last date of submission of tenders will also be considered.

Three similar completed works costing not less than the amount equal to 40% of estimated cost put to tender
Two similar completed works costing not less than the amount equal to 60% of estimated cost put to tender

(or)

One similar completed work of aggregate cost not less than the amount equal to 80% of estimated cost

Similar works refers to "fabrication/erection/inspection/testing of carbon steel or stainless steel piping and should have both IBR and Non IBR qualified welder".

Note:

i. Eligible similar nature of works should have been executed in India only.
ii. Works got executed on back to back basis through another contractor will not be treated as eligible works.
iii. In case of the work done under private sector, the completion certificate shall be supported with the copies of TDS certificate.
iv. 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 receipt of applications for tenders.

Bidding Capacity: 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:

\[ \text{Bidding capacity} = (A \times N \times 2) - B \]

A= Maximum turnover from similar works in any one year during the last three years taking into account the completed as well as works in progress. The value of completed works 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 works for which bids have been invited.

4. Details of formats to be completed and uploaded

A. Should have an average annual financial turnover on similar works of at least 100% of NIT cost during the immediate last 3 financial year ending 2019. Scanned copy of certificate from Chartered Accountant has to be uploaded. Should not have incurred any loss for more than two years during the last five years ending previous financial year. 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 specified in Form - A.

B. Should have a solvency of 40% of NIT cost obtained from any scheduled bank as per proforma specified in Form - B shall be uploaded. The solvency certificate shall not be older than one year from the tender opening date.

C. Applicant should upload the details of all works of similar class completed in the proforma as specified in Form - C.

D. List of works under execution or awarded shall be uploaded as per proforma specified in Form - D.

E. Performance report of works referred to in Forms 'B' & 'C' shall be uploaded as per proforma specified in Form - E.

F. Details regarding structure and organization 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 and shall be uploaded. The details of trained and certified workmen proposed to be employed at the work site of the plant should also be furnished.

H. Check list Form - H signed by the tenderer.

I. Form – I, bidding capacity of the tenderer.

J. PAN Certificate in the latest approved form - Details of GST registration including details of commercial tax office with which they are remitting this tax.

K. The scanned copy of following original certificates has to be uploaded.
   i) Performance Certificates
   ii) GST Registration
   iii) PAN (Permanent Account Number) Registration
   iv) Registration Certificate in CPWD/STATE PWD/MES
   v) Form – A to Form - I

NOTE: The Originals of the above certificates shall be produced as and when called for. 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 DAE in future.

L. 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 Earnest Money Deposit/Performance Guarantee. (Duly signed Scanned copy to be uploaded at the time of submission of bid).
   In the Part A evaluation of the tendering process the documents furnished by the bidders will be checked to qualify the bidders for Part B. Bidders who do not fulfill the above conditions (1 to 4.L) will not be qualified in the Part A and their offer will not be considered for Part B opening.

NOTE: The Contractor should be registered under Goods & Service Tax (GST) and GST as applicable as per the extent order on the work shall be paid by the contractor to concerned tax authorities.

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

Additional Instructions to the Bidders
1. IGCAR Site, DAE, Kalpakam is located 85 kms away from Chennai. The site is accessible by road from Chennai via Chengalpattu, Thirukkazhukundram and also via Mamallapuram by East Coast Road. The Contractor may note the severe climatic condition existing in the region with co-incidental humidity, salt laden atmosphere and high temperature conducive to rust and fungus growth.
2. Information and Instructions for tenderers posted on website www.tenderwizard.com shall form tender document for e-tendering mode.
3. The tender document consisting of 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 viewed and downloaded free of cost from website www.tenderwizard.com/DAE for e-tendering mode.
4. Average annual financial turnover on construction work should be at least 100% of the NIT cost during the immediate last 3 consecutive financial year.
5. The bid can only be submitted after uploading the mandatory scanned documents such as Demand Draft or Pay order or Banker’s Cheque or Deposit at call Receipt or Fixed Deposit Receipts and
Bank Guarantee of any Scheduled Bank towards cost of tender document and EMD in favour of "PAY AND ACCOUNTS OFFICER, IGCAR, Kalpakkam" and Processing Fee by e-payment as mentioned in www.tenderwizard.com/DAE.

6. Those contractors not registered on the website www.tenderwizard.com/DAE, are required to get registered for e-tendering mode.

7. The intending bidder must have valid class-III digital signature to submit the bid in e-tendering mode.

8. On opening date, the contractor can login and see the bid opening process in e-tendering mode.

9. 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 and no rate is quoted by the bidder, rate of such item shall be treated as "0"(ZERO).

10. 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.

11. The Department reserves the right to accept / reject any prospective application without assigning any reason thereof.

12. 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.

13. In case of successful tenderer, the tenderer is required to deposit an amount equal to 5% 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. In addition, 5% of the gross amount of the bill will be deducted from each running bill as well as final bill of the contractor towards security deposit, till the sum will amount to security deposit of 2.5% of the tendered value of the work. Earnest money deposited along with bid will be returned after receiving Performance Guarantee.

14. Tenderer to note that tenders with any condition including that of conditional rebate shall be rejected forthwith.

15. Bidders shall not be under a declaration of ineligibility for tender quoting and fraudulent practice.

16. Documentary evidence of adequate financial standing to be furnished.

17. Information regarding projects in hand, current litigation, orders regarding exclusion, expulsion or block entry if any to be furnished.

18. The capacity of the contractor to take up a new work 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.

19. 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, shall be furnished.

20. Qualification and experience of works management and personnel proposed for the contract to be furnished.

21. Evidence of adequacy of working capital for this contract, Access to lines of credit and availability of other financial resources to be furnished.

22. Contractors participating in the tender and employing 20 or more workers shall have provident fund code number. The contractor shall comply with EPF & MP Act, 1952 and ensure the compliance of the said act by the sub contractors if any engaged for this work.

Information regarding any litigation, current or during the last five years, in which the bidder is involved, the parties concerned and disbursed amount shall be clearly brought out.
Further details can be had from the office of Steam Generator Test Facility, Rig Operation Division, Sodium Facilities Group, Reactor Design & Technology Group, (Phone Nos.044 27480152 or 044 27480500 Extn 21108) Kalpakkam, during working hours or Email: skumar@igcar.gov.in

**Director, Reactor Design & Technology Group, 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.

[Signature]

10/08/2020

**Director**

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