



**Government of India
Department of Atomic Energy
Indira Gandhi Centre for Atomic Research
Kalpakkam – 603 102**

**Metallurgy & Materials (MMG)
Post Irradiation Examination Division (PIED)
Mechanical System & Maintenance Section (MSMS)**

Tender for

**“Fabrication & supply of lead cell components made of steel and
erection of lead cells at RML, IGCAR, Kalpakkam.”**

TENDER NO. IGCAR/MMG/PIED/SFMAC/TR-01/2026



GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
INDIRA GANDHI CENTRE FOR ATOMIC RESEARCH
Metallurgy & Materials (MMG)
KALPAKKAM

Name of the work: **Fabrication & supply of lead cell components made of steel and erection of lead cells at RML, IGCAR, Kalpakkam**

Tender No : **IGCAR/MMG/PIED/SFMAC/TR-01/2026**

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SECTION - I
NOTICE INVITING TENDER (NIT)



Government of India
Department of Atomic Energy
Indira Gandhi Centre for Atomic Research
Metallurgy & Materials Group
Post Irradiation Examination Division
Kalpakkam - 603 102

NOTICE INVITING e-TENDER

TENDER NOTICE No.: IGCAR/MMG/PIED/SFMAC/TR-01/2026

I. Guidelines for e-Tendering in CPPP website:

1. To participate in the tendering process on the CPP Portal, Prospective Bidders require a valid Class III Digital Signature Certificates. All the documents related to the eligibility criteria of tender should be submitted electronically through CPP portal only. The instructions given in Annexure-1 are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal. More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

II. NIT Details:

2. Online item rate tender in Two parts i.e. Part-I – Techno-commercial Bid and Part-II – Financial Bid are hereby invited through e-Tendering mode on behalf of the President of India by Chief Engineer & Director, IGCAR, Kalpakkam - 603 102, Chengalpattu District for the following work from experienced Contractors who have satisfactorily completed similar works of such magnitude.

i) <i>NIT No.</i>	IGCAR/MMG/PIED/SFMAC/TR-01/2026
ii) <i>Name of work</i>	Fabrication & supply of lead cell components made of steel and erection of lead cells at RML, IGCAR, Kalpakkam
iii) <i>Estimated Cost put to tender</i>	Rs. 6,85,39,220/- (Inclusive of 18% GST)
iv) <i>Completion period</i>	24 (Twenty four) Months
v) <i>Earnest Money Deposit</i>	Rs. 13,70,784/- (Rs. Thirteen lakh seventy thousand seven hundred and eighty four only) to be submitted in the form of Deposit at Call Receipt or Demand Draft / Bankers Cheque / Pay Order or Fixed Deposit Receipt drawn in favour of Pay and Accounts Officer, IGCAR, Kalpakkam payable at Kalpakkam Cash, Cheque, bank guarantee for Earnest Money deposit will not be accepted.

vi) Cost of tender document	NIL
vii) Tender processing fee	NIL
viii) Security Deposit	2.5 % of tendered value
ix) Performance Guarantee	3 % of tendered value
x) Publishing date of tender	13/08/2026 (10:00hrs.)
xi) Documents download/Sale Start date and Time	13/08/2026 (10:00 Hours) To Download – please visit CPPP website on: https://eprocure.gov.in/eprocure/app Detailed NIT is also available on website www.igcar.gov.in for view only.
xii) Seek Clarification Start Date and Time	14/08/2026 (10:00 Hours) The bidders are requested to send their clarification/ queries on CPPP website https://eprocure.gov.in/eprocure/app or queries may be sent to e-mail id – vinayak@igcar.gov.in, avr@igcar.gov.in, karthik@igcar.gov.in and anish@igcar.gov.in
xiii) Seek Clarification End Date and Time	21/08/2026 (15:00 Hours)
xiv) Bid Submission Start Date and Time	24/08/2026 (10:00 Hours)
xv) Bid Submission and Sale Closing Date	23/09/2026 (10:00 Hours)
xvi) Last date and time for submission of Original EMD	On or before 29/09/2026 (15:00 Hours) at the office of Chief Engineer & Director, IGCAR, Kalpakkam – 603 102, Chengalpattu District. (Contact Phone No. 044-27480500 Extn : 22290/26425). The tenderer shall be required to submit the Earnest Money in a sealed envelope marked 'Earnest Money.' Please note that, EMD shall be submitted in a sealed envelope clearly mentioning the Unit name (IGCAR), Tender number & Name of work in a cover without fail. However, documents sent by post or courier will also be considered provided the same is received within due date & time. If the tenderer fails to submit original DD/BC/PO/DR etc., within the prescribed period as mentioned above those tenders will be summarily rejected.

xvii) <i>Date and Time of online opening of Part-I (Technical Bid)</i>	01/10/2026 (15:00 Hours) at the office of AAO (Works), Accounts Division, IGCAR, Kalpakkam-603102
xviii) <i>Period of verification of credentials for evaluation.</i>	05/10/2026 to 16/10/2026 [Excluding general holidays, Saturday and Sunday] Note: Original documents substantiating the eligibility criteria all mentioned should be produced for verification during the above period. For outstation bidders who have difficulty in appearing in person original notary certified documents can be submitted by registered post. If the tenderers fail to submit original credential for verification, within the prescribed period as mentioned above those tenders will be summarily rejected.
xix) <i>Evaluation of Part-I (Technical bid)</i>	Part-I evaluation will be done based on credentials submitted by the bidders for opening Part-II (Financial Bid). Inspection of eligible works will be carried out by Technical Evaluation Committee, if necessary.
xx) <i>Date of opening of Financial Bids of qualified bidders</i>	Date and time will be notified later
xxi) <i>Minimum Bid/Offer validity period required</i>	120 Days from bid submission closing date

Note: Corrigendum/ Addendum/ Amendments if any shall be hosted on IGCAR/CPPP websites only. Bidders are requested to visit the website regularly.

III. Eligibility Criteria:

3. **The bidders who fulfill the following criteria shall be considered for participation.**

3.1. **JOINT VENTURES ARE NOT ACCEPTED.**

3.2. Experience of having successfully completed works during the last seven years ending previous day of last date of submission of tender as follows:

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

[or]

Two similar 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 costing not less than the amount equal to 80 % of the Estimated cost under a single contract.

“Similar work” shall mean that “Fabrication and erection of steel or Lead structures”

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 similar work done under private sector, the completion certificate shall be supported with the copies of TDS certificate along with Form – 26AS
 - iv. The value of completed 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 previous day of last date of submission of tender.
- 3.3. Should have an average annual financial turnover for works/goods/services of at least **50% of the estimated cost** during the immediate last three consecutive financial years (FY ending 31/03/2025). Scanned copy of certificate duly audited by Registered Chartered Accountant to be uploaded.
 - 3.4. Should not have incurred any loss (Profit after tax should be positive) in more than two years during the available last five consecutive financial years (FY ending 31/03/2025). Details shall be furnished as per Proforma as specified in Form – A, duly supported by figures in balance sheet/profit and loss account for the last Five (5) years duly audited by Registered Chartered Accountant as submitted by the applicant to Income tax department.
 - 3.5. Should have a Solvency of minimum **40%** of estimated cost obtained from competent authorities as per Proforma specified in Form – B. Scanned copy of solvency certificate shall be uploaded. The Solvency certificate should be valid on the last date of tender submission or the solvency certificate shall not be older than one year from the last date of tender submission.
 - 3.6. 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:

$$\text{Bidding Capacity} = [A \times N \times 1.5] - B$$

Where,

A = Maximum turnover on works/goods/services executed in any one year during the last seven years taking into account the completed as well as orders in progress. The value of completed orders 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 orders to be completed during the period of completion of work for which bids have been invited.

4. **The bidder shall fill the details in attached excel sheets (Forms) as detailed below and supporting documents should be scanned from originals and uploaded within the period of bid submission by the bidder: -**
 - 4.1. Financial Turnover as specified in Form-A along with balance sheet certified by chartered accountant.

- 4.2. Similar class of work completed as specified in Form – C during last seven years ending previous day of last date of submission. In case of the similar work done under private sector, copies of TDS certificate along with Form – 26AS shall also be uploaded.
- 4.3. List of works/projects under execution or awarded as specified in Form – D.
- 4.4. Details regarding structure and organization of the firm as per Proforma specified in Form – F.
- 4.5. Details regarding manpower possessed shall be furnished as per Proforma specified in Form – G. The details of trained and certified workmen proposed to be employed at the work site of the project should also be furnished.
- 4.6. Details of tools, machineries and equipment likely to be used / possessed for carrying out the work shall be furnished as per Proforma specified in Form – H.
5. **The bidder shall upload/submit the following documents and these documents should be scanned from originals and uploaded within the period of bid submission by the bidder**
 - 5.1. GSTIN
 - 5.2. PAN
 - 5.3. Solvency certificate as per Proforma specified in Form – B.
 - 5.4. Performance certificate of works referred to in Forms 'C' as per Proforma specified in Form – E.
 - 5.5. Form of Agreement
 - 5.6. Registration with EPFO and ESIC
 - 5.7. Annexure – 2: Tender Acceptance Letter (Scanned copy to be uploaded and originals shall be submitted during the period of verification of credentials)
 - 5.8. Annexure – 3: Undertaking by Contractor (Scanned copy to be uploaded and originals shall be submitted during the period of verification of credentials).
 - 5.9. Annexure – 4: Declaration by Contractor (Scanned copy to be uploaded and originals shall be submitted during the period of verification of credentials).
6. **Even though a bidder may satisfy the above requirements, the bidder would be liable to disqualification/ debarment if the bidder has: -**
 - 6.1. Made misleading or false representation or deliberately suppressed the information in the forms, statements and enclosures required in the eligibility criteria document.
 - 6.2. Any effort on the part of the bidder or his agent to exercise influence or to pressurize the employer. Canvassing of any kind is prohibited.
 - 6.3. Record of poor performance such as abandoning work, not properly completing the contract, or financial failures / weaknesses, etc.,
 - 6.4. Failed to produce originals of documents required for evaluation/qualification of the bidder. 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 IGCAR/GSO as per applicable rule.

- 6.5. Breached the code of integrity. Firms will be debarred for a period of two years if it is determined that the bidder has breached the code of integrity as per Rule 175 and Rule 151 of GFR 2017.
- 6.6. Supply of sub-standard material, non-supply of material, abandonment of works, sub-standard quality of works, etc. Firms will be debarred for a period of two years for any actions or omissions by the bidder for other than violation of code of integrity, for the reason like supply of sub-standard material, non-supply of material, abandonment of works, sub-standard quality of works, etc.

IV. Information and conditions:

1. Information and instructions for tenderer posted on website shall form part of tender document for e-tendering mode.
2. Tender document is prepared in two parts viz. Part-I (Techno-commercial Bid) and Part-II (Financial Bid). The tender document consisting of plans, specifications, schedule of quantities of various types of items to be executed and set of terms and conditions of the contract to be complied with and other necessary documents. All the documents will form part of agreement after award of work to successful bidder.
3. The department reserves the right to accept/ reject any prospective application without assigning any reason thereof.
4. Tenderer to note that tenders with any condition including that of conditional rebate shall be rejected forthwith. However, tenders with unconditional rebate will be accepted.
5. Tenders will be received online up to time & date as mentioned in the NIT details above. Part-I will be opened on the time & date as mentioned in the NIT details above. The receipt of EMD will be checked first. If found in order, Part-I will be opened.
6. No modifications in the tender shall be allowed after opening Part –I (Techno-commercial Bid).
7. After opening of Part-I (Techno-commercial Bid) of tender, the online credentials submitted by the bidder will be verified with respect to their eligibility for the work and if required, visit to selected worksites of on-going/completed works of the bidders will be made to evaluate the capability of the bidders based on financial eligibility criteria, technical eligibility criteria, organizational structure of the bidder, etc., as stipulated in tender. Short listing of bidders shall be subject to thorough verification of bidder's credentials and inspection, if any, carried out. The Part-II (Financial Bid) of the qualified tenderers shall then be opened at notified date and time. Date of opening of Part-II will be intimated to all bidders through the CPP Portal website.

Note: During technical evaluation, missing documents if any, can be asked for submission.

8. The EMDs of the unsuccessful bidders will be returned without any interest only after the award of contract.

9. 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 as per applicable rule. The department reserves the right to verify the particulars furnished by the applicant independently.
10. Tender will be kept valid for **120 (One Hundred and Twenty)** days from bid submission closing date of online submission of tender.
11. If any tenderer withdraws his tender within the validity period and before award of work whichever is earlier or make any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government shall without prejudice to any right or remedy, be at liberty to forfeit 50 % (Fifty Percent) of the Earnest Money absolutely. Further, the tenderer shall not be allowed to participate in the re-tendering process of the work.
12. The tentative makes have been specified in the tender document based on requirements & desired performance and detailed study of the technical parameters, manufacturing process, quality assurance/control & testing. The list is merely for guidance and bidders can prefer any other make which is meeting technical specifications given under Section- V, Schedule of Quantities given under Section-VI of Tender document, shall confirm to the relevant BIS codes and other relevant codes. **In case of non-approved make(s), the bidder(s) shall suggest such equivalent / alternate make / brand, meeting above-mentioned technical parameters, during pre-bid stage and before technical bid submission.**
13. The Financial Proposal/Commercial bid / BoQ format is provided as BOQ_ItemRate_TR-286.xls along with this tender document at <https://eprocure.gov.in/eprocure/app>. Bidders are advised to download this BOQ_ItemRate_TR-286.xls as it is and quote their offer/rates in the permitted column and upload the same in the commercial bid. **All tendered rates shall be inclusive of all taxes and levies payable under respective statute. Bidder shall not tamper/modify downloaded Financial Bid template in any manner.** In case if the same is found to be tampered/modified in any manner, tender will be completely rejected and appropriate action will be taken by department. If it is desired to submit revised financial bid then, it shall be mandatory for the bidder to submit revised financial bid. If not submitted then, the bid submitted earlier shall become invalid.
14. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in SKY BLUE colour. While selecting any of the cells a warning appears to mandatorily fill all such cells with any value, including "0" (ZERO) and if the bidder has quoted zero, then the rate of such item shall be treated as zero.
15. In case of successful tenderer, the tenderer is required to deposit an amount equal to 3% of the tendered and accepted value of the contract as irrevocable performance guarantee within a period of 15 days from the date of issue of Letter of Intent//Letter of Acceptance, in one of the following forms i.e. Deposit at Call Receipt/Bankers Cheque /Demand Draft or Fixed Deposit Receipt (FDR) of a scheduled Bank or an irrevocable bank guarantee bond of any scheduled bank in the prescribed form given in Annexure drawn in favour of **Pay & Accounts Officer, IGCAR, Kalpakkam**. Earnest Money deposited along with bid will be returned after receiving Performance Guarantee.

16. The letter of award of work will be issued only after the above said performance guarantee in any one of the prescribed form 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.
17. In addition to the above, the successful tenderer is required to remit security deposit amounting to 2.5 % [Two and half Percent] of the tendered and accepted value which shall be deducted at 2.5 % [Two and half Percent] of the gross amount of the bill from each running/final bill.
18. Bidder should have valid ESI & EPF registration and furnish the certificate of registration with EPFO and ESIC, for bidder's eligibility and qualification. 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 employer's contribution.
19. Bidders who do not have valid GST certificate as on the last date of online submission of the bid, are not eligible for this tender. Bidders shall submit an undertaking in the format provided in this document. Any subsequent defaulting in payment of GST by the bidder, will also be scrutinized by the department, and may lead to rejection of the bid/cancellation of contract.
20. **The rates quoted by the tenderer in the schedule shall be inclusive of Goods and Service Tax (GST) @18% or any other Tax applicable. GST or any other tax applicable as per extant orders in respect of this contract shall be payable by the Contractor and Government will not entertain any claim whatsoever in respect of the same.**
21. **Income Tax and TDS on GST as applicable from time to time, shall be deducted from each bill and deducted value will be remitted to the concerned tax authorities. Any other taxes /cess as per Government directives from time to time, shall be deducted from each bill paid to the contractor.**
22. Bidders shall not be under a declaration of ineligibility for tender quoting and fraudulent practice.
23. Documentary evidence of adequate financial standing shall be furnished.
24. Information regarding projects in hand, current litigation, orders regarding exclusion, expulsion or block entry if any to be furnished.
25. 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. Evidence of adequacy of working capital for this contract, access to lines of credit and availability of other financial resources shall be furnished.
26. Copies of original documents detailing the constitution or legal status, place of regulation and principal place of business, written power of attorney of the regulatory of the bond to commit the bidders shall be submitted.

27. Tenderer may please intimate their Bank Account Number, IFSC code, Branch details so as to enable the department for payments through Bank.
28. Qualification and experience of key site management and technical personnel proposed for the contract shall be intimated.
29. Information regarding any litigation, current or during the last seven years, in which the bidder is involved, the parties concerned and disbursed amount, shall be submitted.
30. Proposals for sub-contracting components of the works including the qualification and experience of the identified sub-contractor in the relevant field shall be submitted.
31. The proposed methodology and program of execution, backed with equipment planning and deployment duly supported with broad calculation and quality control procedures proposed to be adopted, justifying their capability of execution and completion of the work as per technical specifications within the stipulated period of completion as per milestones shall be furnished.
32. The contractor shall be responsible for the strict observance and implementation of all the safety precautions & procedures and house-keeping practices. The contractor shall comply with all the instructions given by the Engineer from time to time on these aspects in this regard.
33. The contractor shall comply with provisions of Contract labour act -1970, Workmen's compensation act 1923, Minimum wages Act 1948, EPF Act, Gratuity Act and other labour laws as applicable.

The contractor should intimate the maximum number of workmen/manpower/staff employed / likely to be employed by him to the Engineer in Charge, before commencement of the work. In case the Contract labour act does not apply to the firm, it shall be intimated the Engineer in Charge before commencing the work. All the workers are to be paid applicable minimum wages and payment is to be made through Bank transfer.

The contractor shall take workmen compensation policy for all workers employed by him, at site, for the subject work after the award of contract.

EPF and ESI contributions for all the workers on the part of employer in respect of this contract as applicable shall be paid by the contractor which shall be reimbursed on production of documentary evidence.

Records with respect to wages, PF, insurance, etc. of the workers shall be maintained & produced on demand for verification. In case of any failure to comply with these above provisions, Department shall be entitled to recover the same from the bills.

34. Eligible source countries: Any Bidder, from a country which shares a land border with India must comply to the Order (Public Procurement No.1) & Order (Public Procurement No. 2) issued by Public Procurement Division, Department of Expenditure, ministry of Finance, Government of India vide F. No. 6/18/2019-PPD dated 23.07.2020 and its addendum from time to time. Also, the bidder shall provide a undertaking as per Para – 9 of Annexure - 3. If such declaration or certificate is found to be false or to be incorrect

at any time of submission of Bid or after awarding the Contract then, the said Contract will be terminated, along with such other actions as may be permissible under the relevant law of India.

35. The contractor shall obtain an insurance policy covering the free-issue materials valued at **Rs. 6,98,65,000/-**. These materials shall remain in the custody of the contractor at the department site at IGCAR, Kalpakkam, during the erection period. The Insurance cover shall be against all risks, such as loss or damage due to Fire, Riot, Strikes, Theft and Burglary, Civil Commotions, and improper storage, Lightning, Explosion (implosion), Impact by any rail / road vehicle or animal, malicious and terrorist damage, etc. The Insurance Policy shall also cover any damage due to materials falling on free-issue materials. The Insurance Policy shall be valid for the period till the work covered by this Tender is completed by the Contractor.
36. **Chief Engineer & Director, 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 tender conditions is not fulfilled, shall be summarily rejected.

**Chief Engineer &
Director, IGCAR,
For and on behalf of The President of India**