

NIT FOR WEB SITE

Government of India
Department of Atomic Energy
Bhabha Atomic Research Centre Facilities
Nuclear Recycle Board
Fast Reactor Fuel Cycle Facility
Kalpakkam

**NOTICE INVITING E-TENDER****NIT No. BARC/FRFCF/MHE/TR/080/2024**

On line item rate tender in two parts i.e. Part A – Technical Bid and Part B – Financial Bid are hereby invited through e-Tendering mode on behalf of the President of India by Project Manager, FRFCF, Nuclear Recycle Board, Bhabha Atomic Research Centre for the following work from eligible bidders on approved list of CPWD, MES Railways, State PWDs, Public Sector Undertakings of Central or State Governments/ Central Autonomous bodies or those having adequate experience and capabilities to execute similar works of such magnitude for the work '**Erection, Testing and Commissioning of MHEs at RUP and FFP Plants of FRFCF**'. The details are as mentioned below.

PART-A: INSTRUCTIONS AND INFORMATION

I	General Information
1.	The intending bidders must read the terms and conditions of the tender documents. He should only submit bids if he considers himself eligible and he is in possession of all documents required.
2.	The information and instruction for bidders along with technical bid and financial bids etc. are posted on website shall form part of the bid document.
3.	It is mandatory for all the applicants / Bidders to have class-III digital signature certificate from any of the licensed Certifying Agency to participate in e-tendering.
II	Registration in CPP Portal (For new bidders)
1.	Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: https://eprocure.gov.in/eprocure/app) by clicking on the link " Online bidder Enrolment " on the CPP Portal which is free of charge.
2.	As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3.	Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
4.	Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
5.	Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse
6.	Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

7.	The applicants, who have already obtained such valid user ID and password from https://eprocure.gov.in , for any other project of BARC / DAE/ Any Govt project, need not obtain fresh user ID and password for the purpose of participation in the present tender.
III	Searching For Tender Documents (For new bidders)
1.	There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
2.	Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e- mail in case there is any corrigendum issued to the tender document.
3.	The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.
IV	Preparation & Submission of Bids
1.	Bids shall be submitted online only at CPPP website : https://eprocure.gov.in/eprocure/app
2.	Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
3.	The NIT & tender document consisting of drawings, 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 https://eprocure.gov.in/eprocure/app . Also NIT can be viewed from www.igcar.gov.in
4.	The bid can only be submitted after uploading the mandatory scanned documents such as Demand Draft or Pay order of any Scheduled Bank towards cost of tender document and EMD in favor of " PAY AND ACCOUNTS OFFICER, BARCF ", payable at KALPAKKAM and other documents as specified.
5.	The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
6.	Bidder has to select the payment option as " offline " to pay the EMD as applicable and enter details of the instrument (where ever applicable).

TENDER NO: **BARC/FRFCF/MHE/TR/ 080 /2024**

7.	Bidder should prepare the Earnest Money Deposit (EMD) as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of EMD, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
8.	The tenderers are advised to submit the hard copies of original EMD and other documents etc if any, well in advance to the Tender Inviting Authority, so that it should reach on or before the due date and time. Delay in receipt of hard copies due to security restriction, postal delay or delay due to any other reasons etc. shall not be accepted and tender shall be rejected forthwith. If the bids are withdrawn or modified during the period of validity, in the terms and conditions of the Tender, which are not acceptable to the Department, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of EMD absolutely.
9.	The agency shall download the pre bid clarification if any for the work and upload the same (scanned copy) duly signed and sealed. The revised documents (if any) shall be uploaded in CPP portal.
10.	Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard Bill of Quantities (BOQ) format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the SKY BLUE coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
11.	Bid documents may be scanned with 100 dpi with colour option which helps in reducing size of the scanned document.
12.	The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
13.	Submission of the tender documents after the due date and time (including extended period) shall not be permitted. Time being displayed on e-tendering portal shall be final and binding on bidders.
14.	All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
15	The uploaded tender documents become readable only after the tender opening by the authorized bid openers.

16.	Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
17.	The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.
18.	Intending Bidders are advised to visit this website regularly till closing date of submission to keep themselves updated as any change/ modification in the tender will be intimated through this website only by corrigendum / addendum/ amendment.
19.	After submission of the bid / document the bidder can re-submit revised bid/document "N" number of times but before last date and time of submission of bid/document as notified.
20.	In the case of bids in two / 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.
21.	Tenderers are advised to upload their documents well in advance, to avoid last minutes' rush on the server or complications in uploading. BARCF, in any case, shall not be held responsible for any type of difficulties during uploading the documents including server and technical problems whatsoever.
V	Assistance To Bidders
1.	<p>Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: https://eprocure.gov.in/eprocure/app) by clicking on the link "Online bidder Enrolment" on the CPP Portal which is free of charge. In order to participate in online e-tendering process, it is mandatory for the applicants to have user ID & password to get access to the website https://eprocure.gov.in/eprocure/app.</p> <p>The applicants have to get registered their firm / company with the service provider, https://eprocure.gov.in for user ID & password. The registration shall be done on free of cost and completing other formalities as mentioned in website. For assistance/clarifications, please contact</p> <p>a) 24x7 CPP Portal Helpdesk - 0120-4001 002, 0120-4001 005, 0120-6277 787 b) Local Helpdesk for DAE - Shri. Bhushan / Shri. Mayur at 022 25487480 c) email at support-eproc@nic.in</p>

PART-B: NIT DETAILS

1	NIT No.	BARC/FRFCF/MHE/TR/080/2024
2	Name of work	Erection, Testing and Commissioning of MHEs at RUP and FFP Plants of FRFCF, Kalpakkam
3	Estimated cost	₹ 62,33,083/-
4	EMD	<p>Earnest Money Deposit (EMD) of Rs. 1,24,662/- in original to be submitted preferably in the form of Fixed Deposit Receipt issued by Scheduled Bank / Demand Draft / Banker's Cheque of a Scheduled Bank listed by RBI, issued in favour of Pay and Accounts Officer, BARCF, Kalpakkam, payable at Kalpakkam, Tamil Nadu.</p> <p>A part of Earnest Money is acceptable in the form of Bank Guarantee also. In such case 50% of the Earnest Money or 20.00 Lakhs, whichever is less, shall be in the form prescribed above and balance can be accepted in the form of Bank Guarantee issued by a Scheduled Bank as per Appendix 'A' of Tender Part 'A'. The bank guarantee submitted as a part of Earnest Money Deposit shall be valid for a period of six months or more from the date of submission of the tender. The Earnest Money deposited along with the bid shall be returned after receiving the Performance guarantee (after confirmation).</p> <p>EMD in the form of cheque / cash will not be accepted.</p> <p><i>(The tracking details of the courier / speed post containing the EMD should be sent through email to the EIC for those EMDs which will be submitted via postal service.)</i></p>
5	Completion period	12 Months
6	Tender Processing Fee	Nil
7.	Security Deposit	2.5% of tendered value.
8	Performance Guarantee	3% of tendered value.
9	Tender Publishing Date	20.03.2024 (11.00 hrs)
10	Document Download / Sale Start Date	From 20.03.2024 (11.00 hrs) website on https://eprocure.gov.in/eprocure/app
11	Seek Clarification Start Date	Queries (if any) to be uploaded on website https://eprocure.gov.in/eprocure/app 21.03.2024 (11.00 hrs)

TENDER NO: **BARC/FRFCF/MHE/TR/ 080 /2024**

12	Seek Clarification End Date	5.04.2024 (15.00 hrs)
13	Bid Submission Start Date	25.03.2024 (11.00 hrs)
14	Bid Submission & sale Closing Date	18.04.2024 (15.00 hrs)
15	Last date for submission of EMD original	On or before 25.04.2024 (15:00) in Room No.217, Admin. Building, Supt. HES-FRP, RH & MH, FRFCF, N R B
16	Date and time of online opening of Technical Bid.	01.05.2024 (15:30) in the Office of Accounts, Room No: 206, Training centre, FRFCF, Kalpakkam.
17	Date of opening of Financial Bids	Will be notified at a later date
18	For any clarification regarding tender may contact	Supt. HES-FRP, RH & MH, FRFCF (Ph.No.-044-27480500-Extn:37048/27480500-Extn:37075) or email : spsingh@igcar.gov.in / crd@igcar.gov.in

PART-C: REQUIREMENTS AND ELIGIBILITY CRITERIA

1.	Contractors who fulfill the following requirements shall ONLY be eligible to apply. (The firm shall be registered in India. Joint ventures are not accepted).
2.	<p>Should have satisfactorily completed works in India during the last seven years ending previous day of last date of submission of tenders. For this purpose, cost of work shall mean gross value of the completed work excluding those supplied free of cost. This should be certified by Engineer In-charge of the work or an officer not below the rank of Executive Engineer / Project Manager/Manager or equivalent.</p> <p>Completed three similar works each costing not less than 40% of estimated cost or Completed two similar works each costing not less than 60% of estimated cost, or Completed one similar work costing not less than 80% of estimated cost.</p> <p>Important Notes:</p> <p>i) Similar work shall mean: Experience in Fabrication, Erection of structural members and Material Handling Equipment(MHE) / Maintenance of MHE</p> <p>ii) At least one work of MHE shall be there in Two/Three similar works</p> <p><u>Refer Part-D, for required documents to be furnished).</u></p> <p>i. Cost of works shall mean gross value of the completed work excluding those supplied free of cost. The value of executed works shall be brought to the current costing level by enhancing the actual value of work at a simple rate of 7% per annum; calculated from the date of completion to the last date of receipt of applications for tender.</p> <p>ii. Similar work carried out either by works contract or purchase contract will be considered.</p>
3.	Should have average annual financial turn over (gross) of 50% of estimated cost during the immediate last 3 consecutive financial year ending 31st March, 2023 . (Scanned copy of Certificate from CA to be uploaded). Year in which no turnover is shown would also be considered for working out the average.
4.	Should not have incurred any loss in more than two years during the last five years ending 31st March, 2023 . Duly certified by the licensed CA.
5.	Bank Solvency Certificate of a Scheduled Bank for a minimum of 40% of estimated cost and should not be older than one year from the date of closing of tender.

TENDER NO: **BARC/FRFCF/MHE/TR/ 080 /2024**

6.	The bidder should be "Class-I / II Local Supplier" as defined in Public Procurement (Preference to Make in India), Order-2017, Order No."P-45021/2/2017-B.E.-II, Revision, dated 16/09/2020 and as amended from time to time. An undertaking to this effect should be provided.
7.	Compliance of Eligible source Countries notification issued by Govt. of India vide Order no. 6/18/2019-PPD dtd 23.07.2020 regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries. Form of certificate on bidder letter head to this effect shall be submitted.
8.	<p>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 = {[A x N x 2] – B}</p> <p>Where, A= Maximum turn over in construction works executed in any one year during the last five 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 work for which bids have been invited.</p>
9.	<p>Contractor shall furnish declaration that he has not been debarred from tendering by any authority / agency. (Scanned copy of the declaration duly signed & sealed on letter head of the bidder to be uploaded at the time of submission of bid). If any such case known to the department at later stage, the contractor will be disqualified / Rejected / Terminated. In case if a bidder is debarred by any Government agency for bidding as on closing date of submission of this tender , then the bid is liable to be rejected.</p>
10.	<p>The intending bidder must read the terms and conditions as per "CPWD General Conditions of Contract - 2014" carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.</p> <p>Department reserves the right of Non-consideration of Tender documents of the agencies who are not fulfilling the NIT stipulations and / or having adverse report on the works carried out by them in the past.</p>
11.	<p>UNDERTAKING:-I/We undertake and confirm that eligible similar works(s) has/have not been 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 BARCF in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Department shall be free to forfeit the entire amount of Earnest Money Deposit/ Performance Guarantee.</p> <p>(Scanned copy to be uploaded at the time of submission of tender.)</p>
12.	Tender will be kept valid for 120 days from the Last date of closing of online submission of tenders.

13.	<p>Proof of registration if any with Government / Semi Government organizations like CPWD, MES, BSNL, Railways, State PWDs, Private Firms etc. in appropriate class OR having experience in execution of similar nature of works as additional information.</p> <p>The applicant may furnish any additional information which they think necessary to establish their capabilities to successfully complete the envisaged work. No information shall be entertained after last date of online submission of tenders unless it is called by the competent authority.</p>
14.	<p>Short listing of the agencies shall be subject to thorough verification of their credentials and inspection of works carried out by them (if required), through a Technical Evaluation Committee, constituted by BARCF.</p> <p>If any information furnished by the applicant is found incorrect at a later stage, they shall be liable to be debarred from tendering /taking up of work in BARCF. BARCF reserves the right to verify the particulars furnished by the applicant independently and reject any application without assigning any reason and to restrict the list of pre-qualified agencies to any number deemed suitable in case too many applications are received satisfying the laid down Pre-qualification criteria.</p>
Information on compliance after awarding the contract	
15.	<p>Successful Tenderer will be issued Letter of Intent/Letter of Acceptance (LOI/LOA) 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 schedule bank or by Demand Draft / Fixed Deposit Receipt (DD/FDR) from SBI/Canara Bank drawn in favour of Pay & Accounts Officer, BARC Facilities, Kalpakkam and payable at Kalpakkam within a period of 15 days from the date of issue of Letter of Intent.</p> <p>If the successful tenderer, fails to furnish the prescribed performance guarantee on or before stipulated date, BARC/FRFCF shall without prejudice to any other right or remedy, forfeit the Earnest Money Deposit absolutely to the President automatically without any notice.</p>
16.	<p>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 @ 2.5% of the gross amount of bill from each running bill as well as final bill till total security deposit is recovered</p>
17.	<p>Deduction: Income Tax, TDS on GST as applicable from time to time, shall be deducted from each bill and deducted value will be remitted to the concern tax authorities. Any other taxes /cess as per Government directives shall be deducted from each bill paid to the contractor, from time to time.</p>
18.	<p>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. Wherever applicable, EPFO & ESIC contributions for all the workers on the part of employer in respect of this contract as applicable shall be borne by the contractor. Records with respect to wages, PF, insurance, etc. of the workers shall be maintained & produced on</p>

	demand for verification. In case of non-coverage by ESIC, other mode of insurance for workmen shall be adopted and informed to Engineer in Charge before commencing the work. In case of any failure to comply with these above provisions, Department shall be entitled to recover the same from the bills.
19.	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.
Note: Department reserves the right to accept or reject any application(s), without assigning any reason thereof. The applications with any condition shall be rejected forthwith.	

PART-D

1. Evaluation Criteria

The detail submitted by the bidders will be evaluated in the following manner:

- 1.1 The initial criteria prescribed in respect of experience of similar works completed, bidding capacity and financial turnover etc. will first be scrutinized in detail and the bidder's eligibility for the work be determined based on the following.
- 1.2 The bidders qualifying the eligibility criteria will be evaluated for following criteria by scoring method on the basis of details furnished by them.

Sl. No.	Criteria	Maximum Marks
a)	Financial Strength (Form 'A' and 'B')	20
b)	Experience in Similar nature of work during last seven years (Form 'C')	25
c)	Performance on works (Form 'E') Time Over run	20
d)	Performance on works (Form 'E') Quality	20
e)	Personnel and Establishment (Form 'F' & 'G')	15
Total		100

To become eligible for short listing the bidder must secure at least **Fifty percent** marks in each criteria (a) to (e) above and **Sixty percent** marks in aggregate.

FRFCF, NRB however, reserves the right to restrict the list of such qualified bidders to any number deemed suitable by it.

The breakup of above scoring method is indicated in the table below:

CRITERIA FOR EVALUATION OF THE PERFORMANCE OF CONTRACTORS

Sl. No.	Attributes	Marks	Evaluation				
(a)	Financial Strength	20					
	(i) Average Annual Turnover	16	(i) 60% marks for minimum eligibility criteria				
	(ii) Solvency Certificate	4	(ii) 100% marks for twice the minimum eligibility criteria or more In between (i) & (ii) – on pro-rata basis				
(b)	Experience in Similar Class of Works	25	(i) 60% marks for minimum eligibility criteria (ii) 100% marks for twice the minimum eligibility criteria or more In between (i) & (ii) – on pro-rata basis				
(c)	Performance on works (time over run)	20					
	Parameter	Calculation of point	Score				Max Marks
		If TOR =	1.00	2.00	3.00	>3.50	20
	(i) Without levy of compensation		20	15	10	10	
	(ii) With levy of compensation		20	5	0	-5	
	(iii) Levy of compensation not decided		20	10	0	0	
TOR = AT/ST, where AT=Actual Time; ST= Stipulated Time							
Note: Marks for value in between the stages indicated above is to be determined by straight line variation basis.							
(d)	Performance on works (Quality)	(20 marks)					
	(i) Very Good		15 marks				
	(ii) Good		10 marks				
	(iii) Fair		5 marks				
	(iv) Poor		0 mark				
(e)	Personnel & Establishment	(Max. 15 Marks)	Marks will be given based on proposal submitted in Form G				
	(i) Graduate Engineer		4 marks for each				

	(ii) Diploma holder Engineer		1 mark for each upto maximum 5 marks
	(iii) Supervisory /Foreman		1 mark for each upto maximum 3 Marks

1.3 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 / weaknesses etc.

2. List of documents to be submitted

(Scanned self-attested copy of original certificates / documents for the following to be uploaded or otherwise bid will be summarily rejected)

1	Summary of Financial Turn Over and Profit & Loss statement certified by licensed CA for last 5 financial years (Original color scanned copy).(Form A)
2	Latest Bank Solvency Certificate (Original color scanned copy) (Form B)
3	List of similar works completed in last 7 years indicating (Form C) & List of work in hand (Form D) 1. Agency for whom executed 2. Value of Work 3. Stipulated time of completion 4. Actual time of completion
4	Certificates of Work Experience / Performance Certificates / Completion certificates.(Form E)
5	List of Staff, Structure & Organization (Form F)
6	Bidding Capacity
7	Certificates:
	i. Registration certificate/License, if any
	ii. Certificate of Registration for GST / TIN Registration certificate
	iii. PAN (Permanent Account Number) Registration
	iv. Registration with EPFO and ESIC
8	Undertaking that the eligible similar work(s) have not been executed through

TENDER NO: **BARC/FRFCF/MHE/TR/ 080 /2024**

	another contractor on back to back basis. (Undertaking A to D of Annexure I)
9	Undertaking for (a) having gone through the documents as per Technical Bid. and (b) downloaded the Pre-bid clarifications (Annexure-II)
10	Form of Tender (Section-II)
11	Local supplier undertaking
12	Form of certificate for Eligible source countries
13	Minimum wages declaration signed by the contractor on their letter head
14	GST declaration by the bidder



Project Director, FRFCF
For & On behalf of President of India.