

भारत सरकार / Government of India
भाभा परमाणु अनुसंधान केंद्र / Bhabha Atomic Research Centre
रिएक्टर परियोजना समूह / Reactor Projects Group
अनुसंधान रिएक्टर डिजाइन एवं परियोजना प्रभाग / Research Reactor Design & Projects Division

Visakhapatnam-531011

NOTICE INVITING e-TENDER

TENDER NOTICE No. BARC/HFRR/EPC-PQB/222, Date: 05-06-2026

I. NIT Details:

1. Online bids are hereby invited through e-Tendering mode, on behalf of the President of India, by the Chief Engineer, Bhabha Atomic Research Centre (BARC), Vishakhapatnam-531011 from eligible bidders for ***Expression of Interest (EOI) cum Pre-Qualification Bid (PQB) for “Engineering, Procurement and Construction of High Flux Research Reactor (HFRR) on EPC (Mode-I) basis including Civil, Mechanical, Process, Electrical, Control & Instrumentation and other auxiliary systems at BARC(V) site, Atchutapuram, Visakhapatnam, Andhra Pradesh”.***

i)	Name of Work	:	Expression of Interest (EOI) cum Pre-Qualification Bid (PQB) for “Engineering, Procurement and Construction of High Flux Research Reactor (HFRR) on EPC (Mode-I) basis including Civil, Mechanical, Process, Electrical, Control & Instrumentation and other auxiliary systems at BARC(V) site, Atchutapuram, Visakhapatnam, Andhra Pradesh”.
ii)	Work Location (s) & Pin Code (s)	:	Atchutapuram, Visakhapatnam-531011
iii)	Work/Product Category	:	Composite Works (EPC Mode-I)
iv)	Tender inviting Authority	:	Chief Engineer, BARC, Visakhapatnam
v)	Inviting Officer Address	:	UC-1 Annex office, BARC(V) Main Campus, Gajuwaka - Yellamanchili Road, Maduturu Sub Post Office, Visakhapatnam-531011.
vi)	Estimated Cost	:	₹ 916,00,00,000.00 (Rupees Nine Hundred and Sixteen Crores) + GST as applicable
vii)	Earnest Money	:	Not applicable in Stage-I (i.e. in this EOI cum PQB tender). EMD of ₹ 10,90,88,000.00 (Rs. Ten Crore Ninety Lakh and Eighty Eight Thousand only) shall be submitted

			during Stage-II of the tendering process (RfP stage).
viii)	Cost of tender Document		NIL
ix)	Tender Processing Fee	:	NIL
x)	Period of work	:	1825 Calendar days (One thousand Eight Hundred and Twenty Five Calendar days) for execution of work including monsoon period.
xi)	'Start/End Date of Download of Bid Documents'	:	From 05-06-2026 17:00 (Hrs) to 14-07-2026 15:00 (Hrs) To Download–please visit CPPP website on https://eprocure.gov.in/eprocure/app Detailed NIT is also available on website www.barc.gov.in for view only.
xii)	Seek clarification Start Date	:	05-06-2026 17:05 (Hrs)
xiii)	Seek clarification End Date	:	22-06-2026 15:00 (Hrs)
xiv)	a) Orientation program for bidders, Date & Time b) Site Visit Date & Time	:	a) Date: 11-06-2026 (11:00 hrs) Venue: Mini Auditorium (Aud-2), DAE Convention Centre, Anushakti Nagar, Mumbai – 400094 Ph. 022-25595610/ 69295610/ 69296265/ 25596265; E-mail: hfr@barc.gov.in b) Date: 15-06-2026 (11:00 hrs), Venue: Main conference room, UC1 Building, Bhabha Atomic Research Centre, Gajuwaka– Yellamanchili Highway, Near Nagavaram Junction, Maduthuru Sub Post Office, Visakhapatnam – 531011. Phone No: 0891-2831146/47/49/50 and 0891 2832701 E-mail: kvbabu@barc.gov.in, mkjha@barc.gov.in, jagadeeshb@barc.gov.in, tsrihari@barc.gov.in
xv)	Pre-Bid meeting Date & Time	:	23-06-2026 (11:00 Hrs.) Pre-bid Clarifications shall be uploaded on CPPP website.
xvi)	Pre-Bid meeting Address	:	Training School Hostel (TSH), BARC, Anushakti Nagar, Mumbai, 400094 Phone 022-25595610/ 25596265
xvii)	Bid Submission Start Date	:	09-07-2026 11.00 AM
xviii)	Bid Submission End Date	:	14-07-2026 15:00 (Hrs.)
xix)	Submission of EMD in physical form. Address for submission of physical EMD Form.	:	NA in Stage-I
xx)	Bid opening Date and time	:	15-07-2026 15:00 (Hrs.)

	of online opening of EOI cum PQB bid		
xxi)	Bid Opening Place	:	Online at BARC (V), Visakhapatnam
xxii)	Validity of Tender (in days)	:	180 days
xxiii)	Contact Person / Details for EOI cum PQB related queries	:	Head, RRDPD, Room No. 31, Cirrus Complex, Reactor Projects Group Bhabha Atomic Research Centre Trombay, Mumbai – 400085 Ph 022-25595610/ 69295610/ 69296265/ 25596265

II. Initial Eligibility Criteria:

2. Bidding Eligibility

- a) **Single Entity Bidders** are permitted to participate. In case of a Single Entity Bidder, the Bidder shall be an Indian company registered under the Companies Act, 2013 (or applicable Companies Act) as on the date of NIT.
- b) **Joint Ventures (JV)**, as defined subsequently shall be registered as a single legal entity under applicable laws of India, are permitted to participate in bidding. All constituent JV partners shall be Indian companies registered under the Companies Act, 2013 (or applicable Companies Act) as on the date of NIT.
- c) If the Bidder is a subsidiary company, the subsidiary company must be registered under the Companies Act of India as on the date of NIT and shall meet the technical and financial qualifying requirements on its own. Credentials of the holding company or parent company shall not be considered for qualification of the subsidiary company.
- d) Consortiums, associations, or any other form of multiple-entity bidding (other than Joint Ventures or Partnership Firms registered as a single legal entity) shall not be permitted for this tender.
- e) Participation of foreign firms or foreign entities (even if they are registered in India) are not permitted to participate in this tender. Further, association, collaboration, subcontracting, or engagement of any foreign firm or foreign individual, in any capacity whatsoever, shall not be allowed for execution of the HFRR Project. Subsidiary companies/ sister concerns of foreign firms are also not eligible to participate in the tender.
- f) Subcontracting or import from a foreign supplier shall be permitted only under exceptional circumstances, subject to proper justification and prior written approval from the Purchaser. End user verification shall not be agreed by Purchaser in case of imports of raw material /components /equipment, under any circumstances. Further the bidder / contractor shall make attempts to import raw materials / components, if necessary, without insisting for 'End user certificate'

3. i) The bidder shall be compliant to the Public Procurement (Preference to Make in India), Order 2017 (as amended from time to time) issued by Department for Promotion of

Industry and Internal Trade (DPIIT), Ministry of Commerce and Industry. Also, bidder must submit undertaking along with the bid declaring local content in % offered by them in subject tender (Refer Annexure – 4 of NIT).

ii) Public Procurement (Preference to Make in India), Order 2017 shall be referred for definition of ‘Class-I local supplier’, ‘Class-II local supplier’ and ‘Non local suppliers.’ Unless clarified through pre-bid clarification uploaded by tender inviting authority, a bidder shall be eligible to participate in this tender work if they are able to submit an undertaking indicating they are ‘Class-I local supplier’. The bidders who find themselves as ‘Class-II local supplier’ can also participate provided they suggest for the same by seeking clarification with appropriate noting/ declaration from concerned Govt. Department/ ministries and based on such suggestions the pre-bid clarification uploaded by the department indicates eligibility of ‘Class-II local supplier’. However, purchase preference as mandated in Manual for Procurement of Works -2025 shall be followed in such instances. Bidders who are not able to submit undertaking either as ‘Class-I local supplier’ or as ‘Class-II local supplier’ shall not be allowed to participate in this tender. Class-I local supplier / Class-II local supplier shall be required to provide a certificate from the statutory auditor or cost auditor of company (in case of company) or from a practicing cost accountant or certified chartered accountant (in respect of supplier other than companies) giving the percentage of local content for works with an estimated value of more than Rs. 10 Crores (including GST).

iii) The bidder should have the following:

(a) Banker's Certificate from a Scheduled/Commercial Bank or Net worth Certificate: The bidder should have a valid Banker's Certificate (as per FORM B) of the amount which is minimum 40% of the Estimated Cost put to tender (ECPT) i.e. **₹432,35,20,000.00** (₹432.352 Crores) certified by his Bankers and the same should not be older than 1 (one) year as on bid submission end date. Alternatively, the bidder can also submit a valid Net-worth Certificate (as per FORM "G") of minimum 10% of ECPT i.e. **₹108,08,80,000.00** (₹108.8 Crores) issued by the certified Chartered Accountant with Unique Document Identification Number (UDIN) ending 31st March 2025.

For Joint Venture(JV) partners the combined Banker's Certificate of the JV entity, calculated as per the weighted average of the Banker's Certificate of its constituent JV partners as per their percentage share of participation in the JV, shall be equal to or more than 40% of the Estimated Cost put to Tender (**₹432,35,20,000.00**).

(b) Average annual financial turnover of the bidder should be at least 30% of the estimated cost put to tender i.e. **₹324,26,40,000.00** (₹324.264 Crores) during the last three consecutive audited financial years ending 31st March 2025. A year in which no turnover is shown would also be considered for working out the average. This should be duly audited by a certified Chartered Accountant with UDIN. The value of annual

turnover figures shall be brought to current value by enhancing the actual turnover figures at simple rate of 7% per annum.

For Joint Venture (JV) partners the combined average annual turnover of the Joint Venture, calculated by aggregating the turnovers of all its constituent JV partners, shall be considered. The combined Average Annual Financial Turnover of the JV shall be the weighted average of the individual capacity of the partners as per their percentage share of participation in the JV, which shall be equal to or more than **₹324,26,40,000.00** (₹324.264 Crores).

- (c) Should not have incurred any loss (profit after tax should be positive) in more than two years during last five consecutive audited financial years ending 31st March 2025 (standalone financial statement). Profit loss statement signed by a certified Chartered Accountant with UDIN only shall be considered as proof of this eligibility. In case of Joint Venture (JV) bidder, the loss criteria shall be met individually by all the JV partners.

OR

Erosion in Net worth

Whether a single entity or a partner in a JV (applicable to every single partner of the JV), the net worth of the bidder shall not be eroded by more than 30% during last three consecutive audited financial years ending on 31st March 2025. This shall be indicated in the format provided as FORM "G". Net worth shall not be negative.

- (d) Performance Certificates of all completed similar works cited as experience of similar works.
- (e) Certificate of Registration for GST, EPF (with provident fund code) & ESIC. In case the bidder has not obtained the GST registration as applicable, he should submit the following undertaking along with bid documents "If work is awarded to me/us, I/We shall obtain GST registration certificate as applicable within one month from the date of receipt of award letter or before release of any payment by BARC, whichever is earlier, failing which I/We shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by BARC or GST Department in this regard."
- (f) Permanent Account Number (PAN)

- 4. Qualifying Work Criteria:** The bidder should have satisfactorily completed (based on certification of performance by client of the works) 3 (Three) similar works each of value not less than **₹432,35,20,000.00** (₹432.352 Crore) or 2 (Two) similar works each of value not less than **₹648,52,80,000.00** (₹648.528 Crore) or 1 (One) similar work of value at least **₹864,70,40,000.00** (₹864.704 Crore) during the last 12 (twelve) years ending on the last day of the month previous to the one in which the tenders are invited. The works completed up to previous day of the last date of submission of tenders shall also be considered. If the eligible similar works are not carried out in Central Government / State Government / Public Sector Undertaking of Central or State Governments / Central

Autonomous bodies, then statement from income tax record should be produced by bidder, when requested by tender evaluating authority. The statement/ records produced should establish payment from the client to the bidder against similar work.

For the purpose, 'cost of similar work' shall mean gross value of the completed work including the cost of materials supplied by the Client, but excluding those supplied free of cost. For the purpose of this eligibility criterion, similar work means **“Construction of full /part of nuclear power plant or nuclear recycling plant or thermal power plant or petroleum refinery plant or oil & gas pipelines along with its associated process systems or steel plant. The construction work must include works related to Civil, Mechanical, Electrical and Control & Instrumentation under single contract.”**

In the similar works mentioned above, 'construction of part of plant' shall mean completed construction of portion/part of the plant. Ongoing or incomplete contract will not be considered.

For the purpose of similar works, works executed in India only shall be considered.

In addition to the above-mentioned Similar Work, the bidder (including JV bidder) shall have executed Design & Engineering of nuclear systems/structures/components in accordance with applicable ASME Section-III, and/or other equivalent Nuclear Codes & Guides as part of the qualifying work(s), or separately, for Nuclear Power Plant or Nuclear Recycling Plant. Alternatively, the bidder can form a technical association/alliance for execution of the tendered work with firm(s) that has executed Design & Engineering of nuclear systems/structures/components in accordance with ASME Section-III and/or other equivalent Nuclear Codes & Guides for Nuclear Power Plant or Nuclear Recycling Plant. For this specialized work, works executed in India only shall be considered.

It may be noted that submission of documentary proof of prior executed works specifically meeting the above nuclear Design & Engineering criteria shall not be mandatory in Stage-I of the tendering process. However, the bidder shall submit an undertaking as mentioned in ANNEXURE-11 confirming the same in Stage-I.

JV bidder may refer additional clarifications on Similar Works criteria as defined in Annexure-12. If a bidder who has completed similar work previously as a part of JV and is participating as a single entity bidder for this tender, the experience of such similar works will not be considered for evaluation criteria. The previous experience of any bidder as a part of previous JV is considered proportionate work done value as per the ratio of partnership share in the previous JV.

5. The value of executed works shall be brought to the 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.
6. The bidding capacity of the bidder applicable 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 in works executed in any one year during the last seven years ending on 31st March 2025 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 have 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.

The bidding capacity shall be worked by the certified Chartered Accountant with UDIN

7. Bidder should be a registered firm in India. Entities registered as consortiums and unregistered firms are not eligible to participate.
8. In case of bid submission date extension for any reason, the eligibility criteria w.r.t. similar work and all other qualifying criteria will remain unchanged including the respective original date(s) as per the NIT.

III. Information:

9. Tender document is prepared in two Stages viz. Stage-I and Stage -II.

- a) Stage – I (EOI cum PQB stage) Expression of Interest cum Pre-Qualification-Bid (PQB) tender is a single part tender and is intended solely for **pre-qualification and shortlisting of bidders** and does not involve submission or evaluation of any price bids.

Stage-1 consists of:

- Notice Inviting e-Tender (English & Hindi versions) and
- Annexure-1 (Tender Acceptance letter)

- Annexure-2 (Undertaking pursuant to the Section 206AB of the Income Tax Act,1961)
- Annexure 3 (GST undertaking),
- Annexure-4 (local content),
- Annexure-5 (similar works not on back to back basis),
- Annexure-6 (eligible source countries),
- Annexure-7 (List of occasions of debarment/ blacklisting/ termination),
- Annexure-8 (Letter of transmittal),
- Annexure-9 (List of extraneous claims/Litigation /arbitration/disputes cases pending /in progress),
- Annexure-10 (Details of Joint Venture (JV) Bidders)
- Annexure-11 (Undertaking for Execution of Specialised Works)
- Forms A-F in MS excel form,
- Form-B & Form G-1 (Banker's Certificate & Networth Certificate)
- Brief scope of work & introduction for the guidance of Bidders, Memorandum, all corrigendum and pre-bid clarifications to tender documents,
- Pre-Qualification Document i.e. Initial Eligibility Criteria, Evaluation criteria

b) Stage – II (Request for Proposal [RfP] stage): This tender is a two part, Limited Tender among the pre-qualified bidders from Stage-I.

Part-1: Techno-Commercial Bid, only those bidders shortlisted pursuant to the EOI cum PQB evaluation (carried out in Stage –I bidding) shall be eligible to participate in the Stage-II bidding. Detailed technical documents, including restricted technical information, technical specifications, drawings, and related data, shall be made available exclusively to the shortlisted bidders, subject to execution of a Non-Disclosure Agreement (NDA) in the prescribed format.

Part-2 Financial Bid: The Financial Bids shall be opened only for those bidders whose Part-1 bids (of Stage-II NIT) are found technically compliant. Financial evaluation shall be carried out on L1 basis, subject to fulfilment of all technical and contractual requirements.

All the above documents will form part of Agreement after award of work to the successful bidder.

Obtaining of tender documents: Prospective Bidders or general public can see and download free of cost **PDF format** of the above documents from CPPP website. Some part of the tender documents will be available for download from BARC website www.barc.gov.in [Tenders and NITs](#), [Other Information](#). Bidders must refer both

websites and follow the instructions given to obtain complete set of tender documents. Referring only one site may result access to partial tender document.

10. Joint Venture (JV)

Joint Venture (JV) consisting of a maximum of three (3) Indian companies, registered as a single legal entity under the applicable laws of India, shall be permitted to participate in the bid. The JV applicants must fill up the details as per the prescribed format as given in ANNEXURE-10.

Instructions for the Joint Venture including definitions and conditions are provided in the annexure “Instructions for Joint Venture (JV) bidders” as ANNEXURE-12.

11. Engagement and Role of Project Management Consultant (PMC)

- 1) BARC may appoint a Project Management Consultant (PMC) for the execution of HFRR Project. The PMC may be engaged during the Stage-II of the EPC tender, Techno-Commercial Bid, project execution, and PMC will act as an authorized representative of BARC. The PMC will provide project monitoring & management, technical services, contractual & quality management & assurance, scheduling, monitoring, inspection, and related support services. Engagement of the PMC will not dilute, modify, or absolve the Bidder / EPC Contractor of any obligations, responsibilities, or liabilities under the EPC Contract.
- 2) Independence of PMC Consultant and EPC Contractor
 - a) It is explicitly stipulated that the Project Management Consultant (PMC) and the EPC Contractor or its specialized agency for the Project shall not be the same entity, nor shall they be affiliated entities, sister concerns, subsidiaries, holding companies, associates, or entities under common control or management.
 - b) There shall be no conflict of interest, whether actual or potential, between the PMC and the EPC Contractor. Accordingly, the same bidder or any of its affiliates / group companies shall not be permitted to participate in the HFRR Project as EPC and PMC Contractor simultaneously. It may be noted that the PMC once appointed shall not be permitted to participate in the EPC contract as a specialized agency engaged by the EPC Contractor.
 - c) Any bid found to be in violation of the above provisions, at any stage of the tendering process or execution of the contract, shall be liable for rejection / termination, as applicable, without prejudice to any other rights of the BARC under the tender or contract.

12. Availability of Detailed Technical Documents after signing of NDA

Detailed technical specifications, drawings, and other restricted technical information relevant to the execution of the EPC package shall be issued to the shortlisted bidders

qualified in Stage-I (EOI cum PQB) tender, subject to execution of a Non-Disclosure Agreement (NDA) in Stage-II.

IV. Guidelines for e-Tendering participation in CPPP website:

To participate in the Tendering process on the CPP Portal, Prospective Bidders require a valid Class III Digital Signature Certificates. Data and copy of all the documents related to the eligibility criteria of tender should be submitted electronically through CPPP portal only. The instructions given below 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>.

To participate in the tender, Prospective Bidders are required to download all the **excel format** of Stage-I (EOI cum PQB) bid containing Pre-Qualification sheet, Annexure ‘A’ & Annexure ‘C’ and Prequalification Bid containing the following after Login in the Home page of the website <https://eprocure.gov.in/eprocure/app> with their **User ID / Password & Class III Digital Signature Certificate**.

- (i) Form ‘A’- Financial information
- (ii) Form ‘B’- Form of banker’s Certificate from Scheduled Bank
- (iii) Form ‘C’- Details of all works of similar class completed
- (iv) Form ‘D’- Projects under execution or awarded
- (v) Form ‘E’- Performance report of works referred to in Form “C” & “D” for similar qualifying works – Scanned copy to be uploaded.
- (vi) Form ‘F’- Structure & organization

Prospective bidders have to fill all the excel documents and upload the same without renaming it and fill up and upload the scanned copies of documents in PDF format.

13. Registration

- (i) Bidders are required to enrol 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.
- (ii) As part of the enrolment process, the bidders will be required to choose a unique user name and assign a password for their accounts.
- (iii) 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.

- (iv) 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.
- (v) 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.
- (vi) 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.

14. Searching for Tender Documents

- (i) 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.
- (ii) 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.
- (iii) 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.

15. Preparation of Bids

- (i) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- (ii) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid. Bidders shall ensure no price bid information gets disclosed through any data/ document/ correspondences submitted by them and available for view before scheduled date of opening of price bid. The tender shall be summarily rejected if any price bid information gets disclosed before scheduled price bid opening date and time.
- (iii) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/ schedule and generally, they can be in PDF/XLS/RAR/DWF/JPG formats. Bid documents may be scanned with 100dpi with black and white option which helps in reducing size of the scanned document.

- (iv) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidder can use “My Space” or “Other Important Documents” are available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

Note: *My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.*

16. Submission of Bids

- (i) Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app>
- (ii) Bidder should login to 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.
- (iii) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- (iv) 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 e-tender portal. Submission of bid by a bidder shall mean they have understood the full scope of work and agree to all the tender conditions including amendments/ corrigendum vide pre-bid clarification document uploaded by department.
- (v) Tenderers are advised to upload their documents well in advance, to avoid last minutes rush on the server or complications in uploading. BARC, in any case, shall not be held responsible for any type of difficulties during uploading the documents including server and technical problems whatsoever.
- (vi) 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.
- (vii) Submission of the tender documents after the due date and time (including extended period) shall not be permitted.
- (viii) 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.

- (ix) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- (x) 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.
- (xi) 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.
- (xii) 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.
- (xiii) The technical specifications of some of the items/ materials of the tender suggest makes and brands as general recommendation and guidance for bidders to match performance parameters and tender specifications. Bidders can, however, suggest alternate / equivalent makes and brands subject to achieving the performance parameters and tender specifications, by providing technical details to substantiate the same. In order to ensure equal opportunity and fair and equitable treatment to all the bidders and also to avoid delays during execution of work, the pre-bid clarification stage before submission of bid is the appropriate stage to suggest alternate makes/ brands and recognition of the same by the department in the uploaded pre-bid clarification document after due verification of the submitted technical details. After award of work, delays due to time taken for conveying acceptance/ rejection of alternate / equivalent makes suggested by contractor (if any) shall be attributable to the contractor. Extra cost due to superior specification/ performance of items/ materials shall not be payable.

17. Assistance to Bidders

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

V. Conditions:

18. Pre-Qualification (PQ):

18.1 Stage-I (EOI cum PQ Bid) shall be opened on the stipulated date and time indicated. On opening date, the bidders can login and see the status of Bids after opening.

After opening of Stage-I bids, tender inviting authority may constitute an evaluation team to evaluate the eligibility of the tenderers based primarily on the following.

Sr. No.	Criteria	Maximum Marks
(a)	Financial Strength (Form 'A' and 'B')	20
(b)	Experience in Similar nature of work during last twelve years (Form 'C')	20
(c)	Performance on works (Form 'E') - Time Over Run	20
(d)	Performance on works (Fully completed work 'Form-E') - Quality	25*
(e)	Performance on works (ongoing work 'Form-E') - Quality	15*
	Total	100

To pre-qualify, the bidders must obtain at least Fifty per cent marks in each criterion and sixty per cent marks in aggregate. The Department however reserves the right to verify the particulars furnished by the bidder independently. The PQ will be evaluated as per the marking system given below.

Notes:

- 1) Client certificate for completed similar works should match qualifying work order number, name of the work, work order value, commencement date, stipulated date of completion, actual date of completion and executed value of completed work (for fully completed work only) and performance on works.
- 2) Client certificate for ongoing works should match work order no, name of the work, work order value, commencement date of work, upto date executed value of work (for ongoing work only) and performance on works.
- 3) * If Value of existing commitments and ongoing works to be completed during the period of Completion of work for which bids have been invited is zero, then Performance on works (ongoing) – Quality is not applicable. In this case, marks of Performance on works (completed) will be enhanced to maximum 40.

18.2 Marking System for PQ:

Bidders will be evaluated for the following criteria:

Sr. No.	Attributes	Marks	Evaluation				
(a)	Financial Strength	20	(i) 60% marks for minimum eligibility criteria with respect to value of work (ii) 100% marks for twice the minimum In between (i) & (ii) – on pro-rata basis				
	(i) Average Annual Turnover	16					
	(ii) Banker's Certificate or Net worth Certificate:	4					
(b)	Experience in Similar nature work last twelve years during	20	(i) 60% marks for minimum eligibility criteria with respect to value of work (ii) 100% marks for twice the minimum eligibility criteria or more with respect to value of work In between (i) & (ii) – on pro-rata basis				
(c)	Performance on works-Time Over Run	20	Score				Maximum Marks 20
	Calculation for points:	If TOR =	1.00	2.00	3.00	>3.5	
	(i) Without levy of compensation		20	15	10	10	
	(ii) With levy of compensation		20	5	5	5	
	(iii) Levy of compensation not decided		20	10	0	0	
	TOR = AT/ST , where AT= Actual Time; ST= Stipulated Time in the Agreement plus (+) justified period of Extension of Time Note: Marks for value in between the stages indicated above is to be determined by straight line variation basis.						
(d)	Performance on works (completed) – Quality	25	Based on the certificate issued by the client				
	(i) Very Good/ Excellent		25 marks				
	(ii) Good		20 marks				
	(iii) Fair/ Satisfactory		12.5 marks				
	(iv) Poor		0 marks				
	Note: If there is no mention about the quality of performance on works in the completion certificate, the same will be treated as satisfactorily completed and 12.5 marks will be awarded.						
(e)	Performance on works (ongoing) – Quality	15	Based on the certificate issued by the client				
	(i) Very Good/ Excellent		15 marks				

Sr. No.	Attributes	Marks	Evaluation
	(ii) Good		10 marks
	(iii) Fair/ Satisfactory		7.5 marks
	(iv) Poor		0 marks
	<p>Notes:</p> <p>1) If there is no mention about the quality of performance on works in the performance certificate, the same will be treated as satisfactorily completed and 7.5 marks will be awarded.</p> <p>2) * If, Value of existing commitments and ongoing works to be completed during the period of Completion of work for which bids have been invited is zero, marks of Performance on works (completed) will be enhanced to maximum 40 for Very Good/ Excellent, then 32 for Good and 20 for Fair/ Satisfactory.</p>		

18.3 Disqualification of PQ bids:

The Department however reserves the right to verify the particulars furnished by the bidder independently and reject any bid without assigning any reason and to restrict the list of prequalified contractors to any number deemed suitable in case too many bids are received satisfying the basic pre-qualification criteria. Even though a bidder may satisfy the above requirements, the bidder may be liable to disqualification if the bidder has:

- (a) Made misleading or false representation or deliberately suppressed the information or not submitted sufficient information in the forms, statements and enclosures required in the prequalification document.
- (b) Record of poor performance such as abandoning work, not properly completing the contract, or financial failures /weaknesses etc.

18.4 Financial Information:

Bidder should furnish the following financial information:

- ❖ Annual financial statement for the last five years
- ❖ Banker Certificate from bankers in the prescribed format

18.5 Experience in Similar Works:

18.5.1. Bidder should furnish the following:

- (a) List of all works of similar class successfully completed during the last Twelve years.
- (b) List of all the projects under execution or awarded.

18.5.2 Particulars of completed works and performance of the bidder duly authenticated/ certified by an officer not below the rank of Executive engineer or equivalent should be uploaded for each work completed or in progress.

18.6 Letter of Transmittal

The bidder should upload the scanned copy of the letter of transmittal on bidder's letter head as per PQ document. The original also shall be submitted within one week of the tender opening date to the following address.

Head, TQS,
UC1 Building, Bhabha Atomic Research Centre,
Gajuwaka–Yellamanchili Highway, Near Nagavaram Junction,
Maduthuru Sub Post Office, Visakhapatnam – 531011.

19. After opening of Stage-I bids, tender inviting authority may constitute an evaluation team to evaluate the eligibility of the tenderers based primarily on the following.

- a) Financial capability i.e. Banker's Certificate/Net worth Certificate.
- b) Turnover during the last 3 years.
- c) Profit loss during last 5 years/ erosion of networth.
- d) Successful completion and quality of similar works.
- e) Registration of the bidder with PAN, GST, ESIC, EPF authorities.
- f) Declaration of local content in % as per Annexure-4 of tender document along with associated documents if any.

Additional/ alternate/ substituted document may be sought by the department by e-mail correspondences for confirmation in respect of eligibility of bidders. The documents thus sought be submitted by reply mail within allowed time for the competent authority to decide on the eligibility.

In case required documents are not made available by reply mail within the allowed time, the bid shall be liable for rejection.

20. Department would also assess the capability and readiness of the bidder to carry out the job based on the following parameters.

- a. Technical capabilities of the company in the light of subject work.
- b. Nature of works executed by the tenderer during last 12 years.
- c. Organizational structure of the company.
- d. Necessary Resource required by company to carry out the subject work.
- e. Time & quality consciousness.

- f. Tendency of the company with regard to making extraneous claims, arbitration/ disputes and disputes. (List of extraneous claims/Litigation /arbitration/disputes cases pending /in progress as per Annexure 9).
- g. Tendency of the company to award the work on back-to-back/ subletting.

21. As per the security procedure in force in Bhabha Atomic Research Centre, award of work to the successful bidder shall be vetted by the Security Section of BARC before award of the work.

22. No modifications in the tender shall be allowed after opening Stage-I.

23. Debarring of bidder from participating in tenders of BARC/ DAE:

- (i) 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 BARC.
- (ii) A bidder / contractor shall be debarred from participating in any procurement / tenders in BARC/ DAE, as decided by the Competent Authority of BARC, if the competent authority of BARC finds the bidder has rendered themselves liable for action under Rule 151 & 175 (1) of General Financial Rules 2017 or its amendment(s) [<https://doe.gov.in/ordercircular/general-financialrules2017-0>]; and / or clause 7.5 and sub-clauses (chapter 7) of Manual of Procurement of Works 2022 or its amendment(s) [<https://doe.gov.in/manuals/manual-procurement-works-updated-june2022>]; and/or clause 2.4 and sub-clauses (chapter 2) Manual for Procurement of Consultancy & Other Services 2022 or its amendments [<https://doe.gov.in/divisions/manual-procurement-consultancy-other-services>]. Decision of Competent Authority of BARC in this regard shall be final and binding on the bidder.
- (iii) Bidders must inform unambiguously if they have been debarred to bid for any duration OR an awarded work was terminated due to poor performance OR they are informed by client agency that an awarded work had been relinquished by them before completion in respect of any Government, Semi Government clients. Competent authority of BARC shall review the case and decide if the restriction to bid is applicable for current work.

24. The time allowed for carrying out the work will be reckoned normally from the 15th day after date of written order to commence the work or from the first day of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents. The date of commencement may be modified during award of work which shall be intimated in the work order.

25. Tender will be kept valid for 180 (**One Hundred Eighty**) days from the Last date of closing of online submission of tenders including extensions if, any.

26. The acceptance of tender shall rest with department which does not bind itself to accept the tender and reserves to itself the authority to reject any or all of the tenders received, without assigning any reason. All tenders in which any of the prescribed conditions are not fulfilled or incomplete in any respect are liable to be rejected.

27. Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the bidders who resort to canvassing will be liable for rejection.
28. The name of the accredited representative(s) of the bidder who would be responsible for taking instructions from the Engineer-In-charge shall be communicated to the Engineer-In-charge.
29. Design Office Requirement: To facilitate effective coordination and seamless interaction between the BARC and the Contractor during the Detailed Design and Engineering stage, the Contractor, either directly or through its design consultant, shall establish a dedicated Design Office within the Mumbai Metropolitan Region (MMR), including Mumbai, Navi Mumbai, Thane or adjoining areas.

30. Confidentiality and Non-Disclosure Agreement Clauses

(i) Confidentiality:

No party shall disclose any information to any 'Third party' concerning the matters under this contract generally. In particular, any information identified as " Proprietary" in nature by the disclosing party shall be kept strictly confidential by the receiving party and shall not be disclosed to any third party without the prior written consent of the original disclosing party.

This clause shall apply to the specialized agencies, consultants, advisors or the employees engaged by a party with equal force.

(ii) "Restricted information" categories under Section 18 of the Atomic Energy Act, 1962 and "Official Secrets" Under Section 5 of the Official Secrets Act, 1923:

Any contravention of the above-mentioned provisions by any contractor, subcontractor, consultant, adviser or the employees of a contractor, will invite penal consequences under the above said legislation.

(iii) Prohibition against use of BARC's name without permission for publicity purposes. The contractor or Specialized Agencies / Associates, consultant, adviser or the employees engaged by the contractor shall not use BARC's name for any publicity purpose through any public media like Press, Radio, TV or Internet without the prior written approval of BARC.

(iv) Non-Disclosure Agreement

Restricted or sensitive technical information, including detailed technical specifications and drawings, shall be made available only to Stage-I qualified bidders, subject to execution of a Non-Disclosure Agreement (NDA) in the prescribed format in Stage-II (RfP stage).

VI. Instructions:

31. The bidder should be registered with <https://eprocure.gov.in/eprocure/app>. Those bidders not registered on the website mentioned above, are required to get registered.

- 32.** The intending bidder must have valid class-III digital signature for Request for purchase/ Download of Tender Document (excel/word formats).
- 33.** Tenders will be received online upto time & date as mentioned in the NIT details above. Stage-I bids will be opened on the time & date as mentioned in the NIT details above. After opening of Stage-I bids, for evaluation, the bidder's Pre-Qualification Bid related documents shall be evaluated and accordingly bidders will be qualified/ disqualified by the Competent Authority. The qualified bidders will advance for the Stage-II (RfP) of the tendering for EPC contract of HFRR project.
- 34.** On opening date, the bidder can login and see the status of Bids after opening.
- 35. 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 submit an under taking as per Annexure-6. 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.

- 36.** This tender being a works contract no preference/ exemption for MSME firms is applicable for this tender as per manual of procurement of works updated June 2022.
- 37.** List of Documents to be scanned from original & uploaded within the period of bid submission by bidder:

S. No	Name of the Document	Remarks
1	Letter of Transmittal (Annexure-8)	Original also shall be sent via Post/courier
2	EMD Documents	Not Applicable for Stage-I
3	Financial Turn Over and Profit & Loss statement/erosion of net worth certificate during the immediate last available 5 consecutive audited financial years ending 31st March 2025 certified by CA with valid Unique Document Identification Number (UDIN) as per Form 'A'	PDF
4	Latest Banker's Certificate (as per Form B) or Net worth Certificate (as per Form-G) certified by Chartered Accountant with UDIN on CA's letter head.	PDF
5	Calculation sheet of bidding capacity	PDF
6	List of Similar Works completed in last Twelve years (as per Form C) and Certificates of Work Experience / Performance Certificates	PDF

S. No	Name of the Document	Remarks
7	List of on-going Works (as per Form D)	PDF
8	Performance Certificate (as per Form E)	PDF
9	Details of Firm/organization (as per Form F)	PDF
10	All Undertaking/Declarations - Annexure-1 to Annexure-11	PDF
11	Registration certificate of the Firm	PDF
12	Certificate of Registration for GST	PDF
13	PAN (Permanent Account Number) Registration	PDF
14	Certificates of Registration for EPF & ESIC	PDF
15	Bank details from the Bidder on their letterhead	PDF
16	Forms A-F	Excel format

Note: During PQ evaluation missing documents, if any, can be asked by the bid evaluation committee for submission.

38. Use of Specialized Agencies / Associates

- (i) Engaging Specialized Agencies for "Design & Engineering of nuclear systems, structure & components in accordance with ASME Section-III and/or other equivalent Nuclear Codes and Guides as explained in Qualifying Work Criteria" shall be permitted with prior permission from BARC.
- (ii) Overall EPC management, system integration, and safety-critical coordination shall not be sub-contracted.
- (iii) The Bidder shall remain fully responsible for execution, quality, safety, schedule, and statutory compliance.

Notes:

1. Interested agencies may visit website <https://eprocure.gov.in/eprocure/app> for registration and Bid Submission.
2. Contact for assistance for registration and participation in e-Tendering:
 - 2.1) 24x7 CPP Portal Helpdesk-0120-4001002, 0120-4001005, 0120-6277787
 - 2.2) Email at support-eproc@nic.in
3. Bidders who would like to visit site shall email to following email ids with details of Visitor(s) name, his/her ID details (Government issued ID like Aadhaar Card/PAN Card/Passport/Voter ID Card/Driving License, and address of bidder. Visitor has to carry original ID while visiting BARC Campus.

4. Email Ids for sending request for Site visit:

To: hfrr@barc.gov.in, rcsharma@barc.gov.in,

5. In case of difference between wordings of English and Hindi version of NIT, the English version will prevail.

Sd-

Chief Engineer,

Bhabha Atomic Research Centre (BARC),

Visakhapatnam

For and on behalf of the President of India

**TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)**

Date:

To,
Chief Engineer
BARC, Vishakhapatnam-531011

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: BARC/HFRR/EPC-PQB/222, Date: 05-06-2026

Name of Tender /Work: - Expression of Interests (EOI) cum Pre-Qualification Bid for “Engineering, Procurement and Construction of High Flux Research Reactor (HFRR) on EPC (Mode-I) basis including Civil, Mechanical, Process, Electrical, Control & Instrumentation and other auxiliary systems at BARC(V) site, Atchutapuram, near Visakhapatnam, Andhra Pradesh”.

Dear Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above-mentioned Tender / Work from the website(s) namely: <https://eprocure.gov.in/eprocure/app> and www.barc.gov.in as per your advertisement given in the above-mentioned website(s).
2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents which will form part of the contract agreement and I /we shall abide hereby by the terms/ conditions /clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organisation too have also been taken into consideration, while submitting this acceptance letter.
4. I/We hereby unconditionally accept the tender conditions of above-mentioned tender document(s)/ corrigendum(s) in its totality/ entirety.
5. I/We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking

OR

Instances of debar/black listing is attached separately.

6. I/ We certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organisation shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including actions taken by Department.
7. I/We have gone through the pre-bid clarifications issued by the Department after close of sale of tenders and are submitting the tender accordingly.
8. I/We do hereby declare that the company is not under liquidation, court receivership or similar proceedings.
9. I/We have satisfied myself/ourselves by actual inspection of the site and locality of works, that all conditions liable to be encountered during the execution of works are take into account by me/us, and that the rates quoted in the tender forms are adequate and all-

inclusive to accord with the provisions of General conditions of contract for the completion of the works to the entire satisfaction of the Chief Engineer.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

ANNEXURE 2

**(To be given on Company Letter Head)
TO WHOMSOEVER IT MAY CONCERN**

**Undertaking Pursuant to Section 206 AB of the Income Tax Act 1961
Declaration confirming filing of Income Tax Return from immediate two preceding Years.**

I, _____ [Name], in the capacity of Individual / Proprietor/ Partner/ Director/Authorized signatory of _____ [Entity Name] with PAN _____, do hereby make the following declaration as required under the relevant provisions of the Income Act, 1961 (hereinafter referred as 'the Act'):

1. That I/We am /are authorized to make this declaration in the capacity as Individual / Proprietor/Partner/Director.
2. I/We hereby declare and confirm that I/We do not fall under the definition of 'specified person' as provided in section 206AB of the IT Act.
3. I/We have duly filed return of income for FY 2023-24 & FY 2024-25 within due date as per Section 139 (1) of the Income-tax Act, 1961 **-Yes/No (strike out whichever is not applicable).**
4. If return has been filled the details are as follows:

I/We, _____ having PAN _____, hereby confirm that the provision of Section 206 AB is not applicable in my/our case as I/we am/are regular in filling of Income Tax Return. The details (along with proof of documents) of acknowledgement numbers and date of filing of Income Tax Returns for last two financial years are furnished below:

Sr. No.	Financial Year/ (Assessment Year)	Date of Filing Income Tax Return	ITR Acknowledgement Number
1	2023-24 (2024-25)		
2	2024-25 (2025-26)		

I /We hereby take responsibility for any loss/liability fully including any tax, interest, penalty, etc. that may arise due to incorrect reporting of above Information.

All the aforesaid representations are true and correct, and we /I agree to furnish any evidence required at any time in support thereof.

On behalf of _____

<< Name of the authorised signatory with seal >>

<< Designation >> Name of the Entity:

ANNEXURE- 3

GST UNDERTAKING BY FIRMS/AGENCY

(To be given on Company Letter Head)

Name of Tender / Work: - Expression of Interests (EOI) cum Pre-Qualification Bid for “Engineering, Procurement and Construction of High Flux Research Reactor (HFRR) on EPC (Mode-I) basis including Civil, Mechanical, Process, Electrical, Control & Instrumentation and other auxiliary systems at BARC(V) site, Atchutapuram, near Visakhapatnam, Andhra Pradesh”.

Dear Sir,

1. I/We are registered under GST and compliant to GST provisions.
2. In case non-compliance of GST provisions and blockage of any input credit by us, I/we shall be responsible to indemnify BARC.
3. All the input credits for this work shall be/have been passed on to BARC by us.

Place:

Date:

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

Note:

In case the bidder has not obtained GST registration, as applicable, he/she shall submit an undertaking along with the bid documents stating:

“If the work is awarded to me/us, I/We shall obtain the GST Registration Certificate, as applicable, within one month from the date of receipt of the Award Letter or before release of any payment by BARC, whichever is earlier. Failing this, I/We shall be responsible for any delay in payments due to me/us on account of the work executed and/or for any action taken by BARC or the GST Department in this regard.”

ANNEXURE- 4

Local Content Certification by Bidder

Following Declaration on bidder's letter head as under shall be submitted along with Technical Bid:

Name of Tender / Work: - Expression of Interests (EOI) cum Pre-Qualification Bid for “Engineering, Procurement and Construction of High Flux Research Reactor (HFRR) on EPC (Mode-I) basis including Civil, Mechanical, Process, Electrical, Control & Instrumentation and other auxiliary systems at BARC(V) site, Atchutapuram, near Visakhapatnam, Andhra Pradesh”.

Dear Sir,

"I/We _____ (Name of bidder) undertake that we meet the mandatory Local Content (LC) requirement for qualifying as 'Class I Local Supplier' as per the PP-LC Policy, against tender no. _____. The percentage of Local Content in the bid is _____%”

Authorised Dated Signature of Bidder
along with seal

(To be certified by Statutory Auditor or Cost Auditor)

ANNEXURE-5

Undertaking

Name of the work: - “Expression of Interests (EOI) cum Pre-Qualification Bid for “Engineering, Procurement and Construction of High Flux Research Reactor (HFRR) on EPC (Mode-I) basis including Civil, Mechanical, Process, Electrical, Control & Instrumentation and other auxiliary systems at BARC(V) site, Atchutapuram, near Visakhapatnam, Andhra Pradesh”.

I/ We undertake and confirm that eligible similar work(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 tendering in BARC Contracts 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

Dated Signature of the Bidder along with seal

Form of Certificate for Eligible Source Countries

(To be submitted on Bidder’s Letter head)

I/We, _____ (Name of the Bidder) _____, have read the NIT clauses regarding restrictions on procurement from a Bidder of a country which shares a land border with India, and I/we am/are not from such a country’’ or, from such a country (indicate country.....), have been registered with Competent Authority and submit a certificate herewith as an evidence of valid registration by the Competent Authority’’.

I/We hereby certify that I/We am/are fulfilling all requirements in this regard and eligible to be considered, in accordance to NIT clauses.

I/We acknowledge the right of the Employer that absence of such a certificate in the bid, if the Bidder belongs to such country stated above, shall disqualify the Bidder.

I/We acknowledge the right of the Employer to terminate the Bidder for false declaration or certificate, along with such other actions as may be permissible under law.

Dated Signature of the Bidder along with seal

ANNEXURE-7

Undertaking

Name of the work: - “Expression of Interests (EOI) cum Pre-Qualification Bid for “Engineering, Procurement and Construction of High Flux Research Reactor (HFRR) on EPC (Mode-I) basis including Civil, Mechanical, Process, Electrical, Control & Instrumentation and other auxiliary systems at BARC(V) site, Atchutapuram, near Visakhapatnam, Andhra Pradesh”.

List of occasions of debarment/ blacklisting/ termination due to poor performance/ of the bidder by any client firm:

1

2.

3.

Dated Signature of the Bidder along with seal

(If no such adverse case a nil list to be enclosed. If no list is submitted, it shall be considered the bidder confirms they have not encountered any such adverse occasion.)

LETTER OF TRANSMITTAL

From: _____

To
The Chief Engineer,
Bhabha Atomic Research Centre,
Vishakhapatnam-531011,

Subject: Submission of “Expression of Interests (EOI) cum Pre-Qualification Bid for “Engineering, Procurement and Construction of High Flux Research Reactor (HFRR) on EPC (Mode-I) basis including Civil, Mechanical, Process, Electrical, Control & Instrumentation and other auxiliary systems at BARC(V) site, Atchutapuram, near Visakhapatnam, Andhra Pradesh”.

Sir,

Having examined the details given in the tender document for the above work, I/We hereby submit our Pre-Qualification Bid along with the relevant information and documents, as required.

1. I/We hereby certify that all the statements made and information supplied in the enclosed Forms “A” to “F” and accompanying statements are true and correct.
2. I/We have furnished all information and details necessary for Stage-I bids (Expression of Interest cum Pre-Qualification Bid) and have no further pertinent information to supply.
3. I/We submit the requisite certified Banker Certificate or Net worth Certificate and authorise the representative of Chief Engineer, BARC Vishakhapatnam to approach the Bank issuing the Banker Certificate or Net worth Certificate to confirm the correctness thereof. I/We also authorise BARC, Vishakhapatnam officials to approach individuals, employers, firms and corporation to verify our competence and general reputation.
4. I/We submit the following certificates in support of our suitability, technical knowledge and capability for having successfully completed the following works:

Sr. No.	Name of Work	Certified by/ From

Enclosures:

Date of submission:

Name and signature of authorised signatory with seal

ANNEXURE-9

Undertaking

Name of the work: - “Expression of Interests (EOI) cum Pre-Qualification Bid for “Engineering, Procurement and Construction of High Flux Research Reactor (HFRR) on EPC (Mode-I) basis including Civil, Mechanical, Process, Electrical, Control & Instrumentation and other auxiliary systems at BARC(V) site, Atchutapuram, near Visakhapatnam, Andhra Pradesh”.

List of extraneous claims/Litigation /arbitration/disputes cases pending /in progress with details of the bidder with any client firm:

- 1.
- 2.
- 3.

Dated Signature of the Bidder with Seal

Details of Joint Venture (JV) Bidders

(Applicable only for JV bidders registered as a single legal entity)

Tender Ref. No.: _____

If the Bidder is a Joint Venture (JV) registered as a single legal entity under applicable laws, the following information shall be furnished. If not applicable, please state “NOT APPLICABLE”.

1. Names and registered addresses, and legal status of Joint Venture (JV) entity:
[Attach copy of JV registration / incorporation certificate]
2. Names, registered addresses, and shareholding (%) of constituent JV partners:
(Indicate the scope of work and role of each JV partner)
3. Name of the company as “Lead Partner”.
(Holding minimum 51% equity in the JV entity)
4. Name and addresses of bankers to the Joint Venture.
5. Details of Authorized Signatory:
(Name, designation, and authority letter authorizing representation of the JV entity)

Signature of the Authorized Signatory of JV Entity, with seal

Notes:

- a) The JV registration / incorporation agreement shall be in place before the bid is submitted and shall remain active till the completion of this contract and defect liability period. JV agreement shall contain statement stating that the JV partners are jointly and severally liable for fulfilment of all the obligations of this contract.
- b) The Lead JV Partner shall have the authority to conduct all business with the BARC for and on behalf of any and all the Partner(s) of the JV.
- c) The “Lead JV Partner” shall be directly responsible and accountable to the BARC for complete fulfilment of the contractual obligations including those performed by other JV partners.
- d) The Joint Venture shall submit a Power of Attorney, duly executed by all JV partners, authorizing the Lead Partner or its nominated representative to submit the bid, sign the Contract Agreement, receive payments, sign measurement books, and represent the JV in all contractual matters.

ANNEXURE-11

Undertaking for Execution of Specialised Works
(To be submitted by the Bidder on Company Letterhead)

Tender Reference No _____

Declaration

1. I/ We hereby confirm that I/ We have executed Design & Engineering of nuclear systems, structure & components in accordance with ASME Section-III and/or other equivalent Nuclear Codes and Guides as explained in Qualifying Work Criteria

OR

I / We hereby confirm that I / We will engage specialized agencies for the works related to Design & Engineering of nuclear systems, structure & components in accordance with ASME Section-III and/or other equivalent Nuclear Codes and Guides as explained in Qualifying Work Criteria

2. I / We hereby confirm that I/ We will submit in the Stage-II bid, the details of the probable specialized agency(ies) who will be engaged for the works related to Design & Engineering of nuclear systems, structure & components in accordance with ASME Section-III or equivalent Nuclear Codes. Failure to submit this information in Stage-II bid may lead to disqualification of the Bid.

It is certified that the above information is true and correct to the best of my/our knowledge and belief. Relevant documentary evidence shall be produced for verification, if required.

Date: _____

Signature of Bidder / Authorized Signatory: _____

Name & Designation: _____

Seal of the Bidder: _____

Note:

1. The Experience required shall be considered for last Twelve (12) years.
2. Additional sheets, if any, shall be numbered serially and duly signed.

Instructions for Joint Venture (JV) bidders

1. Definition and Conditions

- (i) Joint Venture (JV) consisting of a maximum of three (3) Indian companies, registered as a single legal entity under the applicable laws of India, shall be permitted to participate in the bid.
- (ii) None of the JV partners, including the JV entity, shall be permitted to participate either individually or as a partner of another JV in the same tender. The JV partners shall not themselves be a JV. Further, no JV partner shall assign, transfer, or encumber its interest, rights, or obligations under the Contract.
- (iii) The JV shall designate one of its constituent partners as the Lead Partner, who shall hold a minimum shareholding of fifty-one percent (51%) in the JV entity.
- (iv) The tender form should be obtained and submitted in the name of the JV, not any individual partner. The entity to which the contract is awarded shall have joint and several liability, meaning that all members are equally responsible for executing the project in accordance with the General and Special Conditions of Contract. They are jointly and individually liable for any losses or damages caused to the BARC during the contract's execution or due to non-execution. The registration of the entity remains valid throughout the contract, including any extensions and the maintenance period after project completion. The entity must comply with Indian laws and regulations in all aspects of its operations under the contract. In the context of Joint Ventures, certain authorizations and restrictions apply. The partners of the Joint Venture are required to appoint a Lead Partner from within the JV partners, who shall be acting as the authorized partner of the JV and will represent the JV in dealings related to the tender. The Lead partner/ authorized partner is responsible for actions such as signing the agreement, entering into the contract, receiving payments, witnessing joint measurements of work completed, and signing measurement books pertaining to the contract. All notices and correspondence regarding the contract will be directed solely to this authorized partner.
- (v) No financial company or financial institution shall be permitted to be a partner of the JV.
- (vi) The JV bidder shall submit details of the legal status, registration, ownership structure, shareholding pattern, and clearly defined roles and responsibilities of each JV partner.
- (vii) The Joint Venture registration/ incorporation agreement or Memorandum of Understanding (MoU) shall be duly executed by all JV partners prior to submission of the bid stating that the JV partners are jointly and severally liable for all the obligations of this contract. The JV MoU or agreement shall remain valid throughout the entire contract period and defect liability period. The MoU / JV Agreement shall clearly define the scope of work, roles and responsibilities, financial commitments, and shareholding of each JV partner. Change in the composition of the JV, including change of Lead

Partner, shall not be permitted during the bidding process or during execution of the Contract. In cases where the JV entity has applied for registration and/or PAN but the same has not been issued as on the bid submission due date, documentary proof of application may be submitted along with the bid. The bidder may submit the final JV Registration Certificate and PAN along with the bid. However, if the same is not available at the time of bid submission, it shall be mandatorily submitted within 60 (sixty) days from the date of publication of Stage-I bid results, (applicable in Stage-II if the JV bidder qualified in Stage-I). Failure to comply with the above requirement will lead to cancellation of the JV bids.

- (viii) PAN and GST registration numbers of the JV entity as well as of each constituent JV partner shall be submitted.
- (ix) The Bid Security / Earnest Money Deposit (EMD) which is applicable in Stage-II (RfP stage), Performance Guarantee, and all other guarantees if any, shall be furnished only in the name of the Joint Venture entity. Splitting of guarantees among individual JV partners shall not be permitted.
- (x) None of the JV partners, including the JV entity, shall have any actual or potential conflict of interest in relation to the Project.

Note: The applicant must fill up the details as per the prescribed format as given in ANNEXURE-10

2. Evaluation of Similar Work(s) by JV Bidder (JVB)

For JV bidder Similar Works must include works related to Civil, Mechanical, Electrical and Control & Instrumentation under following combinations.

- (i) Evaluation of Similar Work(s) by a JV bidder having 2 JV partners on the basis of 3 (three) similar works is given below.

Description	JV Partner details	
JV Bidder ID	JVB#1	
Partner(P) details	JV Partner-1 (P1)	JV Partner-2 (P2)
3 (three) similar works criteria	1 st work: P1 carried out Work order-1 (W1) of value X1 Cr. 2 nd work: P1-W2 of value X2 Cr. 3 rd work: P1-W3 of value X3 Cr.	1 st work: P2-W1 of value Y1 Cr. 2 nd work: P2-W2 of value Y2 Cr. 3 rd work: P2-W3 of value Y3 Cr.
Example of calculation of value of qualifying work(s) for JV bidder viz. Qualifying Work-1 (QW1), QW2 & QW3 as per NIT Clause no. 4 (Qualifying Work Criteria)	QW1: $X1 + Y1 = Z1$ which shall be $\geq ₹ 432.352$ Crore QW2: $X2 + Y2 = Z2$ which shall be $\geq ₹ 432.352$ Crore QW3: $X3 + Y3 = Z3$ which shall be $\geq ₹ 432.352$ Crore	

Conclusion	Hence, JV bidder JVB#1 qualifies similar work criteria
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(ii) Evaluation of Similar Work(s) by a JV bidder having 2 JV partners on the basis of 2 (two) similar works is given below.

Description	JV Partner details	
JV Bidder ID	JVB#2	
Partner details	JV Partner-1 (P1)	JV Partner-2 (P2)
2 (two) similar works criteria	1 st work: P1-W1 of value X1 Cr. 2 nd work: P1-W2 of value X2 Cr.	1 st work: P2-W1 of value Y1 Cr. 2 nd work: P2-W2 of value Y2 Cr.
Example of calculation of value of qualifying work(s) for JV bidder viz. QW1 & QW2 as per NIT Clause no. 4 (Qualifying Work Criteria)	QW1: $X1 + Y1 = Z1$ which shall be $\geq ₹648.528$ Crore QW2: $X2 + Y2 = Z2$ which shall be $\geq ₹648.528$ Crore	
Conclusion	Hence, JV bidder JVB#2 qualifies similar work criteria	

(iii) Evaluation of Similar Work(s) by a JV bidder having 2 JV partners on the basis of 1 (One) similar works is given below.

Description	JV Partner details	
JV Bidder ID	JVB#3	
Partner details	JV Partner-1 (P1)	JV Partner-2 (P2)
2 (two) similar works criteria	1 st work: P1-W1 of value X1 Cr.	1 st work: P2-W1 of value Y1 Cr.
Example of calculation of value of qualifying work(s) for JV bidder viz. QW1 as per NIT Clause no. 4 (Qualifying Work Criteria)	QW1: $X1 + Y1 = Z1$ which shall be $\geq ₹864.704$ Crore	
Conclusion	Hence, JV bidder JVB#3 qualifies similar work criteria	

(iv) Evaluation of Similar Work(s) by a JV bidder having 3 JV partners on the basis of 3 (three) similar works is given below.

Description	JV Partner details		
JV Bidder ID	JVB#4		
Partner details	JV Partner-1 (P1)	JV Partner-2 (P2)	JV Partner-2 (P3)
3 (three) similar works criteria	1 st work: P1-W1 of value A1 Cr.	1 st work: P2-W1 of value B1 Cr.	1 st work: P3-W1 of value C1 Cr.

	2 nd work: P1-W2 of value A2 Cr. 3 rd work: P1-W3 of value A3 Cr.	2 nd work: P2-W2 of value B2 Cr. 3 rd work: P2-W3 of value B3 Cr.	2 nd work: P3-W2 of value C2 Cr. 3 rd work: P3-W3 of value C3 Cr.
Example of calculation of value of qualifying work(s) for JV bidder viz. QW1, QW2 & QW3 as per NIT Clause no. 4 (Qualifying Work Criteria)	QW1: $A1 + B1 + C1 = D1$ which shall be $\geq ₹ 432.352$ Crore QW2: $A2 + B2 + C2 = D2$ which shall be $\geq ₹ 432.352$ Crore QW3: $A3 + B3 + C3 = D3$ which shall be $\geq ₹ 432.352$ Crore.		
Conclusion	Hence, JV bidder JVB#4 qualifies similar work criteria		

(v) Evaluation of Similar Work(s) by a JV bidder having 3 JV partners on the basis of 2 (two) similar works is given below.

Description	JV Partner details		
JV Bidder ID	JVB#5		
Partner details	JV Partner-1 (P1)	JV Partner-2 (P2)	JV Partner-2 (P3)
2 (two) similar works criteria	1 st work: P1-W1 of value A1 Cr. 2 nd work: P1-W2 of value A2 Cr.	1 st work: P2-W1 of value B1 Cr. 2 nd work: P2-W2 of value B2 Cr.	1 st work: P3-W1 of value C1 Cr. 2 nd work: P3-W2 of value C2 Cr.
Example of calculation of value of qualifying work(s) for JV bidder viz. QW1 & QW2 as per NIT Clause no. 4 (Qualifying Work Criteria)	QW1: $A1 + B1 + C1 = D1$ which shall be $\geq ₹ 648.528$ Crore QW2: $A2 + B2 + C2 = D2$ which shall be $\geq ₹ 648.528$ Crore		
Conclusion	Hence, JV bidder JVB#5 qualifies similar work criteria		

(vi) Evaluation of Similar Work(s) by a JV bidder having 3 JV partners on the basis of 2 (two) similar works is given below.

Description	JV Partner details		
JV Bidder ID	JVB#6		
Partner details	JV Partner-1 (P1)	JV Partner-2 (P2)	JV Partner-2 (P3)
1 (one) similar work criteria	1 st work: P1-W1 of value A1 Cr.	1 st work: P2-W1 of value B1 Cr.	1 st work: P3-W1 of value C1 Cr.
Example of calculation of value of qualifying work(s) for JV bidder viz. QW1 as per NIT Clause no. 4 (Qualifying Work Criteria)	QW1: $A1 + B1 + C1 = D1$ which shall be $\geq ₹ 864.704$ Crore		
Conclusion	Hence, JV bidder JVB#6 qualifies similar work criteria		

W1 → Refers to Work order-1
W2 → Refers to Work order-2

W3 → Refers to Work order-3

Calculation of qualifying work for all the JV bidders shall be done as mentioned above.

FORM "G"

FORM FOR CERTIFICATE OF NET WORTH FROM CHARTERED ACCOUNTANT

"It is to certify that as per the audited balance sheet and profit & loss account during the financial Year _____, the Net Worth of M/s _____ (Name & Registered Address of individual/firm/ company), as on _____ (the relevant date) is Rs. _____ after considering all liabilities. It is further certified that the Net Worth of the company has not eroded by more than 30 % in the last three years ending on (the relevant date)."

Unique Document Identification Number (UDIN)

Signature of Chartered Accountant

Name of Chartered Accountant

Membership No. of ICAI

Date and Seal