

अंतर-विश्वविद्यालय त्वरक केंद्र
INTER-UNIVERSITY ACCELERATOR CENTRE
(विश्वविद्यालय अनुदान आयोग का स्वायत्त निकाय)
(An Autonomous Centre of UGC)
अरुणा आसफ अली मार्ग, नई दिल्ली-110067
Aruna Asaf Ali Marg, New Delhi - 110067

ई-निविदा आमंत्रण सूचना/ NOTICE INVITING E-TENDER

निविदा संख्या: आईयूएसी/एनआईटी/ 36/ राह /2022-23

दिनांक: 14/02/2023

Tender Number: IUAC/NIT/ 36/RVH/2022-23

Dated: 14/02/2023

अंतर-विश्वविद्यालय त्वरक केंद्र (आई.यू.ए.सी पात्र/अनुभवी पार्टियों से दो बोली प्रणाली नामतः तकनीकी और वित्तीय बोली के तहत ई-प्रोक्योरमेंट पोर्टल के माध्यम से निदेशक, अंतर-विश्वविद्यालय त्वरक केंद्र, नई दिल्ली की ओर “अंतर विश्वविद्यालय त्वरक केंद्र परिसर, नई दिल्ली में एचसीआई क्षेत्र में एसएस / एमएस / सीपीवीसी पाइप, एसएस पंप, एसएस पीएचई, एचडीपीई टैंक, वाल्व और फिटिंग आदि सहित कम चालकता वाले पानी के पाइपिंग के डिजाइन, आपूर्ति, निर्माण, स्थापना, परीक्षण और कमीशनिंग - 110 067 ” की आपूर्ति के लिए ऑनलाइन बोलियां आमंत्रित करता है।

Inter-University Accelerator Centre (IUAC), New Delhi invites online bids on behalf of Director through e-Procurement Portal under two bid system, viz., Technical and Financial bids, from eligible and experienced parties for the work/supply of “**Design, Supply, Fabrication, Installation, Testing and Commissioning of Low Conductivity Water Piping including SS / M.S / CPVC Pipe, S. S. Pump, S.S. PHE, HDPE Tank, Valves and Fittings etc. in HCI Area at Inter University Accelerator Centre Campus, New Delhi - 110 067**”.

निविदा दस्तावेज, सेंट्रल पब्लिक प्रोक्योरमेंट (सीपीपी) पोर्टल <https://eprocure.gov.in/eprocure/app> से मुफ्त में डाउनलोड किए जा सकते हैं। इच्छुक बोलीदाता, जिन्होंने ई-प्रोक्योरमेंट पोर्टल में नामांकन/पंजीकरण नहीं किया है, उन्हें भाग लेने से पहले <https://eprocure.gov.in/eprocure/app> वेबसाइट के माध्यम से नामांकन/पंजीकरण करना होगा। बोलियां केवल <https://eprocure.gov.in/eprocure/app> वेबसाइट पर ऑनलाइन जमा करनी होगी। निविदाकारों/ठेकेदारों/बोलीदाताओं को सलाह दी जाती है कि वे ई-प्रोक्योरमेंट पोर्टल में दिए गए निर्देशों का पालन करें। बोली दस्तावेजों को 100 डी.पी.आई. में ब्लैक एंड व्हाइट स्कैन करें, जो स्कैन किए गए दस्तावेजों के आकार को कम करने में मदद करता है।

Tender Documents may be downloaded from Central Public Procurement (CPP) Portal free of cost <https://eprocure.gov.in/eprocure/app>. Aspiring Bidders who have not enrolled/registered in e-procurement portal should enroll/register before participating through the website <https://eprocure.gov.in/eprocure/app>. Bids should be submitted online only at website: <https://eprocure.gov.in/eprocure/app>. Tenderer / Contractors / Bidders are advised to follow the instructions provided in the e-procurement portal. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned documents.

केवल ई-प्रोक्योरमेंट पोर्टल के माध्यम से प्राप्त बोलियों को ही खोला जाएगा। जो बोलियां उत्पादों/वस्तुओं के कार्य/आपूर्ति के वांछित प्रयोजनों को संपूर्ण रूप से पूर्ण करने में अक्षम होगी, उन बोलियों को अस्वीकार कर दिया जाएगा और केवल पूर्ण बोलियों पर विचार किया जाएगा। अंतर-विश्वविद्यालय त्वरक केंद्र के पास बिना कोई कारण बताए किसी भी/सभी निविदाओं को आंशिक/पूर्ण रूप से स्वीकार/अस्वीकार करने का अधिकार सुरक्षित है और इस संबंध में आईयूएसी का निर्णय सभी बोलीदाताओं के लिए बाध्यकारी होगा।

Only bids received through e-procurement portal will be considered for opening. Bids not covering full scope of work/supply of the products/goods will be rejected and only complete bids will be considered. IUAC reserves the right to accept / reject any / all tenders in part / full without assigning any reasons whatsoever, and the decision of IUAC in this regard will be binding on all the bidders.

ई.एम.डी. का भुगतान करने के लिए बोलीदाता को "ऑनलाइन" भुगतान विकल्प का चयन करना होगा, जो <https://services.sabpaisa.in/pages/iuac.html> लिंक पर जाकर लागू होगा। बयाना राशि ऑनलाइन भुगतान के रूप में होगी और इसे बोली खोलने से पहले जमा किया जाना चाहिए। एम.एस.एम.ई./एन.एस.आई.सी. में पंजीकृत बोलीदाताओं को ई.एम.डी. के भुगतान से छूट दी गई है। एम.एस.एम.ई./एन.एस.आई.सी.(निविदा की गई वस्तु/कार्य के लिए पंजीकृत इकाई) से पंजीकृत निविदाकारों को तकनीकी बोली के साथ वैध पंजीकरण प्रमाणपत्र की प्रति <https://eprocure.gov.in/eprocure/app> वेबसाइट पर अपलोड करनी होगी।

Bidder has to select the payment option as "online" to pay the EMD as applicable by going to the link <https://services.sabpaisa.in/pages/iuac.html> . The Earnest Money Deposit shall be in the form of online payment and it should be deposited before the bid opening. Bidders registered with MSME/ NSIC are exempted from payments of EMD. However, they have to submit Bid Security Declaration Form. Tenderer registered with MSME/NSIC (the unit being registered for the item/work tendered) are required to upload copy of valid registration certificate in the website <https://eprocure.gov.in/eprocure/app> along with technical bid.

बोलीदाताओं को इस बात को विशेष ध्यान में रखने की सलाह दी जाती है कि वे अनिवार्य रूप से उपलब्ध कराए गए प्रारूप में ही अपनी वित्तीय बोलियां जमा करें और कोई अन्य प्रारूप स्वीकार्य नहीं होगा। यदि मूल्य बोली निविदा दस्तावेज के साथ मानक .XLS BOQ प्रारूप के रूप में दी गई है, तो इसे ही डाउनलोड करना होगा और प्रारूप को संशोधित किए बिना ऑनलाइन भरना और जमा करना होगा। यदि बोलीदाता द्वारा BOQ फाइल को संशोधित पाया जाता है, तो बोली को अस्वीकार कर दिया जाएगा।

Bidders are advised 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 .XLS BOQ Format with the tender document, then the same is to be downloaded and to be filled and submitted online without modifying the format. **If the BOQ file is found to be modified by the bidder, the bid will be rejected.**

उपरोक्त निविदा के संबंध में कोई भी शुद्धिपत्र/संशोधन केवल <https://eprocure.gov.in> और www.iuac.res.in वेबसाइट पर जारी किया जाएगा। बोलीदाता, अपनी बोली जमा करने से पहले निविदा दस्तावेज से संबंधित, प्रकाशित होने वाले किसी भी शुद्धिपत्र की जानकारी रखें। निदेशक, अंतर-विश्वविद्यालय त्वरक केंद्र के पास बिना कोई कारण बताए किसी भी/सभी निविदाओं को आंशिक/पूर्ण रूप से स्वीकार/अस्वीकार करने का अधिकार सुरक्षित है।

Any Corrigendum / Amendments in respect of above tender shall be issued on website <https://eprocure.gov.in> and www.iuac.res.in only. Bidders should take into account any corrigendum published on the tender document before submitting their bids. The Director, IUAC reserves the right to accept/reject any/all tenders in part/full without assigning any reasons thereof.

TENDER DOCUMENTS FOR

Design, Supply, Fabrication, Installation, Testing and Commissioning of Low Conductivity Water Piping including SS / M.S / CPVC Pipe, S. S. Pump, S.S. PHE, HDPE Tank, Valves and Fittings etc. in HCI Area at Inter University Accelerator Centre Campus, New Delhi - 110 067”



TENDER ENQUIRY NO: IUAC/NIT/36/RVH/2022-23

LAST DATE OF SUBMISSION: 01/03/2023

INTER-UNIVERSITY ACCELERATOR CENTRE (IUAC)

(Formerly Nuclear Science Centre) Autonomous Body of UGC

Aruna Asaf Ali Marg, Post Box No. 10502, NEW DELHI - 110 067 (India)

Phone: 091-11-24126022/24-26/29

INTER-UNIVERSITY ACCELERATOR CENTRE

ARUNA ASAF ALI MARG
POST BOX NO. 10502
NEW DELHI-110067

E-TENDER DOCUMENT

Name of Work	Design, Supply, Fabrication, Installation, Testing and Commissioning of Low Conductivity Water Piping including SS / M.S / CPVC Pipe, S. S. Pump, S.S. PHE, HDPE Tank, Valves and Fittings etc. in HCI Area at Inter University Accelerator Centre Campus, New Delhi - 110 067”.
Tender No.	IUAC/NIT/36/RVH/2022-23
Tender Value/Estimate	Rs.625000 (Rupees Six Lakh & Twenty Five Thousand only)
Earnest Money Deposit	Rs. 12500.00 (Rupees Twelve Thousand Five Hundred Only)
Tender Fee	NA
Link for payment of EMD	https://services.sabpaisa.in/pages/iuac.html
Bid Submission End Date	01/03/2023 at 3.00 PM
Technical Bid Opening Date	02/03/2023 at 3.30 PM
Price Bid Opening Date	To be intimated later
Contact Person	Administrative Officer (S&P) e-mail: iuacstores@gmail.com Phone: 011-24126018 & 24126022 Mr. Bishamber Kumar, Engineer-In-Charge, for site visit/ related query only e-mail: bkg.iuac@gmail.com Phone: 011-24126018 & 24126022

INDEX

S.N.	Description	Page No.
1	Notice Inviting e-Tender	1-2
2	Tender Notice	3-4
3	Index	5
4	Registration Process on CPP Portal For Online Bidding	6-7
5	Instructions to Bidder and On-line bid submission	8-11
6	Commercial and General Conditions	12-20
7	Special Conditions of Contract	21-23
8	Scope of Work (ANNEXURE-A)	24-25
9	Technical Specifications (ANNEXURE-B)	26-33
10	PART-B (PRICE BID)	34-37
11	P&I Diagram	38
12	Site Visit Undertaking (ANNEXURE-I)	39
13	Profile of the Tenderer (ANNEXURE-II)	40
14	Tender Acceptance Letter (ANNEXURE-III)	41
15	Bid Security Declaration (ANNEXURE-IV)	42
16	Declaration for Code of Integrity and Conflict of Interest (ANNEXURE-V)	43
17	Undertaking on letter head (ANNEXURE-VI)	44
18	Integrity pact (ANNEXURE-VII)	45
19	Check List (ANNEXURE-VIII)	46

REGISTRATION PROCESS ON CPP PORTAL FOR ONLINE BIDDING

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 Enrollment**” on the CPP Portal which is free of charge.
2. Bidder who registered already may skip the registration process and login to site through their user ID/Password
3. As part of the enrollment process, the bidders will be required to choose a unique username and assign a password for their accounts.
4. 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.
5. Upon enrollment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify/nCode / eMudhra/ Nic etc.), with their profile.
6. 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 DSCs to others which may lead to misuse.
7. 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.

SEARCHING FOR TENDER DOCUMENTS:

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 Help desk.

PREPARATION OF BIDS:

1. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
2. 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 documents - 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.
3. 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 /JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
4. 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. Bidders can use “My Space” or „Other Important Documents” area 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.

ASSISTANCE TO BIDDERS

1. More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.
2. 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.
3. 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 Help desk. The contact number for the help desk is 1800 3070 2232, 91-7878007972 and 91-7878007973.

INSTRUCTION TO BIDDERS FOR ONLINE BID SUBMISSION

1. The tender documents are available on our website www.iuac.res.in & www.eprocure.gov.in.
2. Tender documents may be downloaded from IUAC's website www.iuac.res.in and CPPP site <https://eprocure.gov.in/eprocure/app> as per the schedule as given in the tender document.
3. The tender shall be submitted online in two bids. in two parts, viz., Technical bid and Financial (Price Bid) bid.
4. The offers submitted by hand/Post/Fax/email shall not be considered. No correspondence will be entertained in this matter.
5. All the pages of bid being submitted must be sequentially numbered by the bidder irrespective of nature and content of the documents before uploading.
6. The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. 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.
7. 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.
8. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
9. Bidders are requested to note that they should necessarily submit their financial (Price Bid) bids in the format provided and no other format is acceptable. If the price bid has been given as a standard 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 white colored (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.
10. 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.
11. 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.
12. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
13. 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.
14. The bid summary has to be printed and kept as an acknowledgment of the submission of the bid. This acknowledgment may be used as an entry pass for any bid opening meetings.
15. Not more than one tender shall be submitted by one contractor or contractors having business relationship. Under no circumstance will father and his son(s) or other close relations who have business relationship with one another (i.e., when one or more partner(s)/director(s) are common) be allowed to tender for the same contract as separate competitors. A breach of this condition will render the tenders of both parties liable to rejection.
16. The bidders are advised to visit CPPP website <https://eprocure.gov.in/eprocure/app> at least 3 days prior to closing date of submission of tender for any corrigendum / addendum/ amendment.
17. Bids will be opened as per date/time as mentioned in the Tender Document. After online opening

and evaluation of technical bids, the results of their qualification as well Price-Bid opening will be intimated.

18. Submission of a tender by a tenderer implies that he has read all the stipulations contained in this Tender Document and has acquainted him of the nature, scope and specifications of the items to be followed.
19. The Tenderer shall submit all documents after duly filling the same in all respects. Tenders which are found to be vague or incomplete shall be rejected summarily.
20. Tenders shall be submitted ON-LINE, it shall be signed by one, who has been authorized by the board of director /director / manufacture/ firm owner /their authorized agents through a resolution/ authority letter. Copy of the resolution/ authority letter in favor of the person signing must accompany the tender.
21. Tenders containing erasures and alterations of the tender documents are liable to be rejected unless these are authenticated by the person signing the Tender Documents.

22. Code of Integrity for Public Procurement

IUAC requires that the bidders, suppliers and contractors observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the following are defined:

Sr. No.	Term	Meaning
(a)	Corrupt practice	The offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution.
(b)	Fraudulent practice	A misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract.
(c)	Collusive practice	Means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels.
(d)	Coercive practice	Means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract.
(e)	Anti-competitive practice	any collusion, bid rigging or anti-competitive arrangement, or any other practice coming under the purview of the Competition Act, 2002, between two or more bidders, with or without the knowledge of the purchaser, that may impair the transparency, fairness and the progress of the procurement process or to establish bid prices at artificial, non-competitive levels
(f)	Conflict of interest	participation by a bidding firm or any of its affiliates that are either involved in the consultancy contract to which this procurement is linked; or if they are part of more than one bid in the procurement; or if the bidding firm or their personnel have relationships or financial or business transactions with any official of purchaser who are directly or indirectly related to tender or execution process of contract; or improper use of information obtained by the (prospective) bidder from the purchaser with an intent to gain unfair advantage in the procurement process or for personal gain
(g)	Obstructive Practice	materially impede the purchaser's investigation into allegations of one or more of the above mentioned prohibited practices either by deliberately destroying, falsifying, altering; or by concealing of evidence material to the investigation; or by making false statements to investigators and/or by threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or by impeding the purchaser's Entity's rights of audit or access to information.

SPECIAL INSTRUCTIONS TO BIDDERS FOR REGISTRATION WITH COMPETENT AUTHORITY

Bidders Registration

- 1) Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority constituted by the Department for Promotion of Industry and Internal Trade (DPIIT).
- 2) **“Bidder”** for the purpose of this tender (including the term 'tender', 'consultant' 'vendor' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several person, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated here in before, including any agency, branch or office controlled by such person, participating in a procurement process.
- 3) **“Bidder from a country which shares a land border with India”** for the purpose of this tender means:
 - a) An entity incorporated, established or registered in such a country; or
 - b) A subsidiary of an entity incorporated, established or registered in such a country; or
 - c) An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - d) An entity whose beneficial owner is situated in such a country; or
 - e) An Indian (or other) agent of such an entity; or
 - f) A natural person who is a citizen of such a country; or
 - g) A consortium or joint venture where any member of the consortium or joint venture falls under any of the above
- 4) **“The Beneficial owner”** for the purpose of (3) above will be as under:
 - i) In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person(s), has a controlling ownership interest or who exercises control through other means.

Explanation: -

 - a) “Controlling ownership interest” means ownership of, or entitlement to, more than twenty-five per cent of shares or capital or profits of the company;
 - b) “Control” shall include the right to appoint the majority of the directors or to control the management or policy decisions, including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;
 - ii) In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;
 - iii) In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;

- iv) Where no natural person is identified under (i) or (ii) or (iii) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
- v) In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

“**An Agent**” for the purpose of this Order is a person employed to do any act for another, or to represent another in dealings with third persons.

Sub-contracting in works contracts

In works contracts, including turnkey contracts, contractors shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.

***Please note that the bidders shall provide the mandatory Certificates in the following formats on their registered Company's letter heads:**

Certificate for Tenders involving procurement

“I/We have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I/we certify that we are not from such a country or, if from such a country, have been registered with the Competent Authority, I/we hereby certify that we fulfill all requirements in this regard and are eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached]”

Certificate for Tenders for Works involving possibility of subcontracting

“I/We have read the clause regarding restrictions of procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries; I/we certify that we are not from such a country or, if from such a country, have been registered with the Competent Authority and will not sub-contract any work to a contracting from such countries unless such contractor is registered with the Competent Authority. I/we hereby certify that we fulfill all requirements in this regard and is/are eligible to be considered. [Where applicable, evidence of valid registration by the competent Authority shall be attached.]”

Signature of the Bidder

(Name and Address of the Bidder)
Company Seal

2: COMMERCIAL AND GENERAL CONDITIONS

2.1. Submission of Tender: Tenders should be uploaded on CPP portal in two parts separately, i.e., "Technical Bid" (Part-A) and "Price Bid / BOQ" (Part-B). No other mode of submission will be accepted. Submission of complete tender document duly stamped and signed by tenderer with technical bid is mandatory. Any clarifications/amendments/corrigenda etc., to NIT before last date of submission of bid will only be available on our website: www.iuac.res.in. Therefore, bidders are advised to keep visiting our website.

2.2 Technical Bid (Part-A): In this bid the bidder should upload his company profile, organizational setup, credentials, list of plant, machinery & tools in his possession. The following documents are essentially to be submitted with technical bid for qualification. Price bid of only those bidders will be opened who are technically qualified.

- a) Site Visit Undertaking (ANNEXURE-I)
- b) Profile of Tenderer (ANNEXURE-II)
- c) Tender Acceptance Letter (ANNEXURE- III)
- d) Bid security Declaration in lieu of EMD for MSME (ANNEXURE– IV)
- e) Declaration for Code of Integrity (ANNEXURE– V)
- f) Undertaking on Blacklist (ANNEXURE– VI)
- g) Undertaking On Procurement (ANNEXURE- VII)
- h) Check List (ANNEXURE–VIII)
- i) Scope of work at **Annexure-A, Technical Specification, Annexure-B**

(To be provided by the respective Indenter in a separate sheet which should be signed and stamped by the bidder as acceptance of the required specifications and deviations if any should be mentioned by the bidder).

j) Schedule of Requirement is at **Annexure-C**

k) Copies of PAN no., GST no., ESI, EPF Registration etc.

l) Copy of work orders for similar work i.e., **“DESIGN, SUPPLY, FABRICATION, INSTALLATION, TESTING & COMMISSIONING OF SS /MS/CPVC Piping Work”** successfully executed for Govt department/ Govt. Autonomous Body / PSU/ during the last 7 years ending last day of month previous to the one in which applications are invited in the following manner:

1. Three similar completed works costing not less than the amount equal to 40% of the estimated cost .

Or

2. Two similar completed works costing not less than the amount equal to 50% of the estimated cost.

Or

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

m) Copies of satisfactory work completion certificates along with contract details for the work order to be submitted for eligibility. The work order and completion certificate shall be for the same work.

n) Copies of ITR, Annual report (balance sheet and Profit & Loss Account) of last 3 financial years. Average Annual financial turnover during the last 3 years, ending 31st March of the previous financial year, should be at least 30% of the estimated cost.

o) Bids from the Delhi / NCR only shall be accepted due to essence of project and short completion period.

IUAC reserves the right to visit the working sites mentioned by bidders as proof of experience to ascertain the quality of service rendered. The bidder will have to arrange for such visit.

Note: Technical bids which are not conforming to the technical specifications will be disqualified.

2.3 Price Bid (Part-B):

2.3.1 In this bid, the bidder is required to quote his item rates in the BOQ formed in accordance with the scope of work, terms & conditions & technical specifications enclosed. The rates/price quoted by contractor should be all inclusive i.e., should include all material cost, labour, services, plant/machinery/tools & tackles required for work, freight, Insurance, and all applicable Govt. Duties, excluding GST (payable separately, if applicable), levies & taxes, transport/cartage of materials/labour and all other expenses not specifically mentioned but reasonably implied. Nothing over and above these rates shall be payable to contractor. Further, nothing extra in rates will be considered due to any site difficulties. It is mandatory for bidder to quote all items rate as asked for in the BOQ/ PRICE schedule. Failure in not filling some item rates will lead to be considered them as zero and accepted. No further compensation on that item can be considered later. The bidders should quote unconditional rates.

2.3.2 The bidder shall fill up the Bill of Quantity (BOQ) which is price bid. The BOQ should be filled up carefully as it will be used for evaluation of L1. The contract will be awarded to L1 bidder subject to fulfilment of other terms and conditions of tender. MSME bidder will be given price preference subject to fulfilment of conditions as prescribed by the Government of India from time to time.

2.3.3 The price quoted shall remain fixed during the contract period and shall not vary on any account.

2.3.4 No payment other than as specified in the price schedule for each item and which has been accepted by the bidder, shall be payable to the successful bidder.

2.4 Period Of Validity of Bids: Tender shall be valid for acceptance without any change in rates and NIT conditions for a period of 90 days from the date of opening of Price bid. No Bidder can withdraw/or modify his tender or revoke the same within the said period of 90 days. If a Bidder on his own withdraws or revokes the tender or revises or alters or modifies the tender for any item or condition within a period of aforesaid 90 days his EMD deposit shall stand forfeited and action will be taken as per Bid Security Declaration. The validity of accepted rates is extendable for a period of 180 days from the date of issue of Award Letter, with mutual consent of both the parties.

2.5 Earnest Money Deposit: EMD @ 2% of total estimate value Rs. 12500.00 (Rupees Twelve Thousands) is payable by the bidder. Bidder has to select the payment option as “**online**” to pay the EMD as applicable by going to the link <https://services.sabpaisa.in/pages/iuac.html>. The Earnest Money Deposit shall be in the form of online payment and it should be deposited before the bid opening.

EMD of technically disqualified bidders will be returned within 15 days from the date of evaluation of the technical bids. The refund of EMD to all the bidders except lowest shall be made within 15 days from the date of opening of price bid. The EMD of the successful lowest bidder (L1) shall be held back as security deposit and will be released after completion of the works and site clearance.

Bid Security shall be refunded to the un-successful bidders on award of contract and to successful bidders on receipt of Performance Security.

EMD is the mandatory requirement however the MSMEs/NSIC registered with Government Agencies are exempted from payment of Earnest Money Deposit (EMD) and are required to submit Bid Security Declaration as per Annexure III form subject to conditions given below: -

- MSMEs participating in the tender must submit valid & authorized copy of certificate of registration. The MSME's Bidder to note and ensure that nature of services and goods/items manufactured

mentioned in MSME's certificate matches with the nature of the services and goods /items to be supplied as per Tender.

- The registration certificate issued by agencies must be valid as on Bid closing date of the tender. Bidder shall ensure validity of registration certificate in case bid closing date is extended.
- The MSMEs who have applied for registration or renewal of registration with any of the authorized agencies / bodies but have not obtained the valid certificate as on close date of the tender, are not eligible for exemption / preference.

2.6 Submission of Bids

The online bid shall be neat, plain and intelligible. The authorized person should sign each page of the bid. They should not contain any terms and conditions, printed or otherwise, which are not applicable to the Bid. The conditional bid will be summarily rejected. Insertions, postscripts, additions and alterations shall not be recognized, unless confirmed by bidder's signature.

2.7 Deadline for Submission of Bids

- a) Bids must be submitted on-line before the due date and time as specified in the critical date sheet.
- b) IUAC may extend this deadline for submission of bids by amending the bid documents and the same shall be suitably notified on the websites only.

2.8 Late Bids : The on-line bid submission would not be possible after the deadline for submission of bids

2.9 Bid Opening and Evaluation of Bids

Opening of Bids

- a) The E-bids shall be opened on-line. The technical bids will be evaluated to short-list the eligible bidders. The technical bids of only eligible bidders shall be considered for further processing (technical evaluation).
- b) Bidder whose technical bid is found to be acceptable and meeting the eligibility requirements as specified in this tender will be considered as technically qualified.
- c) **IUAC will open commercial bids of only the technically qualified/short-listed bids**
- d) In case, the day of bid opening is declared a holiday by the government, the E-bids will be opened on the next working day at the same time. No separate intimation shall be sent to the bidders in this regard.
- e) Since E-bid is an on-line process, the E-bid opening or any other process may be delayed due to any technical/server issue. If any such issue arises, this will not be tantamount to process delay and IUAC will not be responsible for the same.
- f) On opening of bids on-line, accepting the bid would not mean that the firm is technically or financially qualified.
- g) Instances of Multiple L1s: The order of selection of successful contractor in case of multiple L1 may be as under conditions:
 - i. Submission of past experience and work orders issued by IUAC.
 - ii. Submission of highest turnover among the bidders who, if qualifies the above clause.

2.10 Tender liable to rejection : Tenders which do not fulfil all or any of the conditions laid down in this notice, or contain conditions not covered and / or not contemplated by the Conditions of tender document and/or expressly prohibited therein or stipulate additional/alternative conditions shall be liable to be rejected and his earnest money will be forfeited. Tenders shall also be liable for rejection on any of the following grounds: -

- (i) Tenders containing remarks uncalled for
- (ii) Conditional tenders
- (iii) Tenders not submitted on prescribed Proforma
- (iv) Telegraphic / Fax/ Postal tenders
- (v) Tenders submitted late

(vi) Tenders with NIL consideration

(vii) Not submitted required documents as per tender

2.11 Amendment of Tender Documents

2.11.1 At any time prior to the deadline for submission of bids, IUAC may, for any reason, whether on its own initiative or in response to the clarification request by a prospective bidder, modify the bid document.

2.11.2 All prospective bidders who have downloaded the bidding document will be notified of the amendment(s), if any, on IUAC website/ CPP portal, and such amendments/ modifications will be binding on them.

2.11.3 IUAC at its discretion may extend the deadline for the submission of bids if the bid document undergoes changes during the bidding period, in order to give prospective bidders time to take into the consideration the amendments while preparing their bids.

2.11.4 Bidders should keep viewing the above-mentioned websites for any corrigendum/change. There wouldn't be any newspaper advertisement towards the same. If any bidder misses the information published on the website and their bid is rejected, no complaint would be entertained.

2.12 Reservation of Procurement for certain class of products from Micro and Small Enterprises (MSEs) shall be considered as per the rules of Government of India.

2.12.1 MSEs procurement policy is meant for procurement for only goods produced and services rendered by MSEs and not for any trading activities by them as MSE Unit will not get any purchase preference over another MSE Unit.

2.13 Evaluation of Proposals & Award Criteria

2.13.1 The bidder must quote for all the items mentioned under Section **ANNEXURE-C- Schedule of Requirement**. The lowest price criteria shall be applied on the total composite amount (Inclusive of all) of all items taken together.

2.13.2 Preliminary scrutiny of the proposal will be made to determine whether they are complete required processing fee (Tender Fee) and bid security (EMD) have been furnished, whether the uploaded documents have been properly signed and whether the bids are generally in order. Proposals not conforming to such preliminary requirements will be prima facie rejected.

2.13.3 Bids complying with all the eligibility requirements mentioned in this tender document and fulfilling the specifications and schedule of requirements shall be treated as substantially responsive bids. Responsiveness of the bids shall be determined on the basis of the contents of the bid itself and shall not be determined by extrinsic evidences.

2.13.4 IUAC, if provided for in the NIT, may ask bidders for presentation on the solution offered. Failure on part of bidder to arrange the presentation on the date & place fixed shall result in the rejection of technical bids and financial bids of these bidders shall not be opened. Also, if it is found after presentation that the solution offered is not meeting the specifications prescribed by, such bidders shall be treated as substantially non-responsive. IUAC decision shall be final in this regard. The place for presentation shall be conveyed to the bidders at an appropriate date.

2.13.5 Commercial bids of only those bidders will be opened who are found to be technically responsive and the work shall be awarded to the commercially lowest bidder.

2.13.6 Bidder should quote their rates by uploading in prescribed Performa in BOQ_XXXX.xls only. Commercial bids/ prices/ rates other than the format provided or elsewhere in the Bid Document shall be rejected by IUAC.

2.13.7 The rates quoted in figures would be automatically converted in words in BOQ_XXXX.xls. The bidder should carefully cross check the prices entered in figures with corresponding figures converted in words. In case of discrepancy between words and figures, the rates quoted in words shall be treated as final. The correct amount will be calculated by multiplying unit price with quantity and in case of any discrepancy, the corrected amount shall be considered and total of all corrected amount shall be bidder's total quoted amount.

2.13.8 In the copies of supply order/ contract/ agreement/ experience certificate submitted by the bidder, if the currency is other than Indian Rupees, the value of work in Indian Rupees shall be determined by using the exchange rate declared by Reserve Bank of India as on the last date of submission of technical/ commercial bids and the eligibility of the bidder shall be determined accordingly.

2.13.9 The successful bidder shall not be allowed to sub-contract works to any contractor from a country, which shares a land border with India unless such contractor is registered with the Competent Authority of Government of India.

2.14 Performance Security (For Works Contract)

The successful bidder shall be required to deposit an amount equal to 3% of the tendered value of the contract as Performance Security within 15 days after notification of the award / LOI and it should remain valid for a period of 60 (sixty) days beyond the testing and commissioning. Performance security may be accepted as fixed deposit receipt from a commercial bank, bank guarantee issued/ confirmed from any of the commercial bank in India safeguarding the Procuring Entity's interest in all respects. In case of a JV, the BG towards performance security shall be provided by all partners in proportion to their participation in the project. If tenderer fails to deposit the said performance security within the period as indicated, the LOI may automatically stand cancelled without any notice to the tenderer and without prejudice to any other right.

2.14.1 **Security Deposit** : A security deposit equal to nil % of the value of work (excluding of GST) will be deducted from Contractor's bills and shall be refunded after the completion of defect liability period of one year after ensuring successful performance of the system executed by the contractor.

2.15 Scope of Work/Technical Specification (to be decided by the respective indentor)

2.15.1 If, for any unforeseen reasons, IUAC is required to change the Scope of Supply, this change shall be acceptable to the bidder without change in the unit price quoted.

2.15.2 IUAC reserves the right to reject one/ all the bids or cancel the tender without assigning any reasons there for.

2.15.3 IUAC reserves the right to accord relaxation uniformly to all the bidders in case the bid submitted by all the bidders are found to have minor deviation.

2.16 Time-line for completion: The works should be completed within 75 (Seventy Five) days from the date of issue of LOI / Purchase order. Any delay in completion of the work/supply due to reasons attributable to the vendor / manufacturer is liable to liquidated damages as per NIT clause 2.25. However, under the force-majeure conditions as mentioned in the NIT cluse 2.26, IUAC may grant suitable time extension for which vendor has to request along with proper justification / reasons well in advance to the Director, IUAC for approval without any prejudice or price escalation.

2.17 Guarantee & Defect liability period

The supplied material should be guaranteed from manufacturing/ engineering defect and bad material/workmanship for a minimum period of one year from the date of acceptance of the goods by IUAC. During this period if any replacement/repairs/rectification of any of the supplied item etc. is needed, the supplier shall do the same free of cost to IUAC. If the equipment/ part needs to be shipped to the service Centre for repair/rectification during the guarantee period, the shipment charges should be borne by the supplier. The supplier shall guarantee that all equipment shall work satisfactorily and that the performance and efficiency of the equipment shall not be less than the specified values. The bidder shall assure the supply of spare parts after warranty is over for maintenance of the equipment supplied if and when required for a period of at least two years.

2.18 Site Conditions

Contractor shall acquaint himself fully with the site conditions and the working environment of IUAC before quoting his rates. A Bidder shall be deemed to have full knowledge of the site, whether he inspects it or not and no compensation or otherwise of any charges incurred or to be incurred consequent on any misunderstanding or otherwise shall be admissible.

No Compensation on account of any site difficulties will be entertained, at a later date, after award of the

work. (The bidder should sign undertaking as per ANNEXURE-IV enclosed in tender. Failure will result in forfeiture of performance security / EMD).

2.19 Installation, Commissioning, Demonstration, Inspection and Tests

Bidder shall be responsible for Design, Supply, Installation, Commissioning, Demonstration, Inspections and Tests wherever applicable and for after sales service including supply of spares during the warranty and thereafter as specified in the NIT.

2.20 Insurance

For delivery of goods at the purchaser's premises, the insurance shall be obtained by the supplier in an amount equal to 110% of the value of the goods from "warehouse to warehouse" (final destinations) on "All Risks" basis including War Risks and Strikes.

2.21 Payment Terms

The payment shall be made on timely submission of the bills in proper format by the contractor after due certification by the IUAC engineer responsible for supervision of the work. TDS and other Statutory deductions will be made as per rules.

2.21.2 Payment for Goods and Services supplied from India: The payment shall be made in Indian Rupees, as follows:

- I. Sixty (60%) percent Payment will be released against supply of the material and acceptance by IUAC.
- ii. Thirty (30%) percent Payment will be released after satisfactory completion of installation, successful testing, commissioning & acceptance of the system by IUAC.
- iii. Balance Ten (10%) percent of the Payment will be held up against the warranty period of one year or the same may be released, subject to submission of Bank Guaranty/FDR of amount equivalent to Ten (10%) percent of final bill value valid for one year + 60 days towards the warranty.

2.22 Escalation: No escalation over and above items rates quoted by the bidder shall be paid during the execution of contract.

2.23 Deviations: No deviation from the stipulated terms and conditions will be allowed. Tender will be unconditional.

2.24 Delay in the supplier's performance

2.24.1 The supplier shall deliver the goods and perform the services under the contract within the time schedule specified by the purchaser in the Schedule of Requirements and as incorporated in the contract.

2.24.2 Any unexcused delay by the supplier in maintaining its contractual obligations towards delivery of goods and performance of services shall render the supplier liable to any or all of the following sections:

- (i) Imposition of liquidated damages,
- (ii) Forfeiture of its performance security and
- (ii) Termination of the contract for default.

2.24.3 If at any time during the currency of the contract, the supplier encounters conditions hindering timely delivery of the goods and performance of services, the supplier shall promptly inform the purchaser in writing about the same and its likely duration and make a request to the purchaser for extension of the delivery schedule accordingly. On receiving the supplier's communication, the purchaser shall examine the situation as soon as possible and, at its discretion, may agree to extend the delivery schedule, with or without liquidated damages for completion of supplier's contractual obligations by issuing an amendment to the contract.

2.25 Liquidated Damages

In case the work is delayed beyond the specified completion period for reasons attributable to the contractor, deductions on account of Liquidated damages: for repair works costing up to Rs. Ten Lakhs – one (1%) percent of the contract value per week and for all other works half (0.5%) percent of the contract value per week of delay subject to a maximum of ten (10 % percent of the contract value. However, during the delayed period, IUAC also reserves the right to get balance portion of work done by any other contractor at the risk and cost of the existing contractor and amount to that effect along with 10% overhead charges will be deductible from his bills/dues.

2.26 Force Majeure

The right of the contractor/supplier to proceed with the work shall not be terminated because of any delay in the completion of the work due to unforeseeable causes beyond the control and without the fault or negligence of the contractor/supplier, including not limited to acts of God, Pandemic, or of the public enemy, restraints of a sovereign state, firms, wars, fires, epidemics, quarantine restrictions, floods, unusually severe weather. If a Force Majeure situation arises, the supplier/contractor shall promptly notify along with the justification/reasons well in advance to the Director IUAC for approval without any prejudice to price escalation. No time extension request shall be considered after the expiry of completion period/contract. The decision of the IUAC, Director will be final and binding on the supplier/contractor.

2.27 Rules governing the Contractor's employees working in the Centre's premises:

The contractor's employees working inside the IUAC campus will abide by IUAC terms. Any damage to the Centre's property due to mishandling, carelessness etc., on the part of contractor or his workmen will be recoverable from the contractor's bills.

1. All the persons deployed by the contractor at IUAC will have to carry valid gate-passes, which will be issued only after submission of their bio-data in desired format. Any negligence / offense on their part will attract immediate removal from site.
2. All the employees will have to be covered under insurance against any personal accident and IUAC will not be liable for payment of any compensation on that account.
3. All the persons deployed by the contractor at IUAC will have to get the police verification done from competent authorities. The contractor has to submit the police verification certificate and acknowledgment slip of the same for all the employees to IUAC.
4. During execution of work, the contractor should follow all standard norms of safety measures/precautions to avoid accidents/damages to men, machines and buildings. On non-adherence of this clause, suitable fines, as decided by the Director, IUAC shall be imposed.
5. Manpower deployed by the contractor at our site for carrying out the contracted works is strictly prohibited being associated with any other works other than the awarded works on the campus.
6. If any contractor's person is found to be misbehaving or to be negligent in the duties assigned to him/her, IUAC reserves the right to seek his/her removal from IUAC, with suitable replacement within 24 hours.
7. No material belonging to the contractor whether consumable or non-consumable should be brought inside the IUAC campus without proper entry at the main gate nor any material should be taken out without proper gate pass issued by the Centre.
8. In case of any injury to contractor's person at IUAC campus, due to any reason, the contractor shall be responsible for taking the person to the hospital/nursing home/dispensary for treatment at his own cost. If in the case of emergency IUAC vehicle is used, IUAC incurs any expenditure on the treatment of the person, the contractor will be suitably charged for the same.
9. Under no circumstances the contractor will be permitted to sublet his work to any another contractor while working at IUAC. Likewise, the Contractors persons will not be permitted to undertake any private jobs in the IUAC Campus.

10. No labour below the age of 18 years shall be employed on work.

11. IUAC will provide free water and electricity at one point and contractor has to make his own arrangements from that point as per his requirements.

2.29 Clarification of Bids and shortfall documents: During the evaluation of Techno commercial or Financial Bids, Indenter on behalf of IUAC may, at its discretion, but without any obligation to do so, ask Bidder to clarify its bid by a specified date. Bidder should answer the clarification within that specified date (or, if not specified, 7 days from the date of receipt of such request). The request for clarification shall be submitted in writing or electronically and no change in prices or substance of the bid shall be sought, offered, or permitted that may grant any undue advantage to such bidder.

If discrepancies exist between the uploaded scanned copies and the Originals submitted by the bidder, the original copy's text, etc., shall prevail. Any substantive discrepancy shall be construed as a violation of the Code of Integrity, and the bid shall be liable to be rejected as non-responsive in addition to other punitive actions under the Tender Document for violation of the Code of Conduct.

IUAC reserves its right to, but without any obligation to do so, to seek any shortfall information/ documents only in case of historical documents which pre-existed at the time of the tender opening, and which have not undergone change since then and does not grant any undue advantage to any bidder.

2.30 Water /Electricity for Execution of Works: (Not Applicable for this work)

Electricity and water required to execute the work shall be made available at one point by IUAC subject to the following conditions: -

(I) The Electricity and water charges @ 1% and 1 % respectively shall be recovered on gross amount (excluding of GST) of the work done.

(ii) The contractor(s) shall make his/their own arrangement of electricity and water connection by laying of electric cable / pipelines from the existing main source of electric/water supply. **(iii)** The Department do not guarantee to maintain uninterrupted supply of electricity / water and it will be incumbent on the contractor(s) to make alternative arrangements for electricity /water at his/ their own cost in the event of any temporary break down in the Government electric/ water main so that the progress of his/their work is not held up for want of electricity and water. No claim of damage or refund of charges will be entertained on account of such incident.

2.31 The Centre reserves the right to reject any or all the tenders in full or in part without assigning any reasons whatsoever and the decision of the IUAC in this regard will be binding on all the bidders. Tenders not complying with any of the provisions stated in this tender document are liable to be rejected. Director, IUAC reserves the right to accept or reject any tender without assigning any reason and does not bind himself to accept the lowest tender. Tender once submitted will remain with IUAC and will not be returned to the bidders.

2.32 Jurisdiction: Notwithstanding any other courts having jurisdiction to decide the questions forming subject matter of a suit any and all actions and proceedings arising out of or relative to this contract (including any arbitration in terms thereof) shall lie only in the court of competent Civil jurisdiction in this behalf at New Delhi., where this contract is to be signed on behalf of and only the said court shall have jurisdiction to try any such actions and/or proceedings to the exclusion of all other courts.

2.33 Dispute Settlement: It is mutually agreed that all differences and disputes arising out of or in connection with these agreements shall be settled by mutual discussions and negotiations if such disputes and differences cannot be settled and resolved by discussions and negotiations then the same shall be referred to the sole Arbitrator appointed by the Director, IUAC whose decision shall be final and binding on both the parties. The contract shall be governed by laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such commercial dealings/ processing.

2.34 Termination of Contract: - The Director, IUAC reserve the right to terminate the contract immediately on account of poor workmen ship, failure to mobilize the site within 15 days, non-compliance of set norms/specifications for the works, delay in progress of work, violation of any contract provisions by the contractor. In such cases, the Bank Guarantee equivalent to one month's contract value held with IUAC and the EMD will be forfeited. The contract can also be terminated at the request of either party. In such cases, the contractor is liable to give two months' notice period or else to pay two months O&M bill value in-lieu of the notice period.

2.35 Resolution of Dispute: All disputes arising out of this contract shall be referred to the sole arbitration of a person selected by the contractor out of the panel of three persons nominated by the Director IUAC, and his decision /award shall be final and binding on both parties. The Arbitration shall be governed under the Indian Arbitration Act 1996 or any statutory modifications or re-enactment thereof and rules made there under and for the time being in force shall apply to the arbitration proceeding under this contract. Any dispute arising out of this contract will be subjected to jurisdiction of New Delhi/Delhi.

2.35 Correspondence: All the correspondence in respect of tender/contractual obligation shall be addressed to A.O. (S&P), Inter-University Accelerator Centre (IUAC), P.B. No. 10502, Aruna Asaf Ali Marg, New Delhi-110067.

For any inquiries regarding technical aspect may contact Mr. Bishamber Kumar, Engineer-In-Charge, e-mail: bkg.iuac@gmail.com, Phone: +91-11-24126018, 24126022.

2.36 This notice inviting tender will form part of the contract agreement to be executed by the successful tenderer on a stamp paper of Rs.100/-.

Accepted

Signature of the Bidder

(Name and Address of the Bidder)

SPECIAL CONDITIONS OF CONTRACT

CARRYING OUT OF WORK

1. All the work shall be carried out in accordance strictly as per the specifications given in the tender to the total satisfaction of the Institute. In the case of an item for which specification are not available in the said specifications relevant to BIS /CPWD specifications applicable as on the date of tenders shall be followed.

The works shall be inspected by our IUAC Engineers or the person nominated by the Director IUAC. The contractor shall extend full co-operation and render all necessary facilities for inspection of the work to the inspecting authority without any additional cost to IUAC. It must be noted that any observations/ comments/ recommendations of the said technical consultants shall be binding on the contractor.

2. CONTRACTOR'S RESPONSIBILITY FOR THE MANNER OF EXECUTION OF WORKS

The contractor shall be solely responsible for the manner and the method of executing the work. The work shall be subject to the approval of IUAC from time to time for purposes of determination of the question whether the work is executed by the contractor in accordance with the contract.

3. SPECIFICATIONS:

3.1 During execution of work, the contractor should follow all standard norms of safety measures/precautions as per relevant IS codes and CPWD specifications to avoid accidents/damages to man, machines and buildings, at his own cost.

3.2 If specifications for an item of work are not covered as per approved Specifications of tender, the same shall be decided by the Institute and shall be binding on the contractor.

3.3 The Director shall have the power to insist upon the contractor to purchase and use such materials of approved make which may in his opinion be necessary for proper and reasonable compliance with the specifications and execution of work.

3.4 Detailed specification of various items of work with respect to materials and workmanship and method of measurements shall conform to relevant IS codes and CPWD specifications, UNO.

4. QUANTITIES AND OTHER ADDITIONS/ALTERATIONS/ DEVIATIONS: Quantities in the B.O.Q. are estimated quantities which may vary during the execution of the work. Payment shall be made as per actual quantities executed without any change in the contracted rate due to variation in quantity, if any. The successful bidder shall have to make detailed estimation of required quantities before supplying the material at site.

The IUAC shall have power to make any alterations or omissions or additions or substitutions in the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work, and the contractor shall be bound to carry out the work in accordance with any instructions which may be given to him in writing signed by the IUAC and such alterations, additions or substitutions shall not invalidate the contract and any altered, additional or substituted work which the contractor may be directed to carry out in the manner above specified as part of the work shall be carried out by the contractor on same conditions in all respects on which he agreed to do the main work. The time for the completion of the work shall be extended in the proportion that the altered additional or substituted work has to the main work at the sole discretion of the IUAC, and his decision in this regard shall be final and binding on the contractor.

5. QUALITY CONTROL OF MATERIAL : If it shall appear to the Engineer or the Director, that any work has been executed with unsound, imperfect, or unskillful workmanship or with materials or articles provided by him for the execution of the work are unsound, or of a quality inferior to that contracted for or otherwise not in accordance with contract, the contractor shall on demand in writing from the Engineer specifying the work materials or articles complained of notwithstanding that the same may have been inadvertently passed, certified and paid for forthwith rectify, or remove & reconstruct the work so specified in whole or in part, as the case may require, or as the case may remove the materials or articles so specified and provide other proper and suitable material or articles at his own charge and cost and in the event of his failing to do so within a period to be specified by Engineer, in his demand as aforesaid then the contractor shall be liable to pay compensation at the rate of 1% on the contract

agreement of work for everyday till rectify or remove, and re-execute the work or replace with other materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

6. SITE WORKING RULES AND REGULATIONS:

The contractor shall furnish IUAC, the Power of Attorney name and signature of his authorized representative who will be in-charge of the execution of the works at site. The contractor shall also furnish the list of technically qualified persons employed by him for execution of the works.

Save as otherwise specifically provided in this Agreement the rates and prices herein, unless otherwise stipulated elsewhere in this Agreement, include all the costs, expenses and outlays of the contractor for executing the works and fulfilling all the obligations of the Contractor under this agreement.

7. INSPECTION OF WORK

i. All work under or in course of execution or executed in pursuance of the contract shall at all times be open to the inspection and supervision of Engineer, or his subordinate in-charge of the work and the contractor shall at all times, during the usual working hours and at all other times at which reasonable notice of the intention of the Engineer to visit the works shall have been given to the contractor, either himself be present to receive order and instructions or have a responsible agent/supervisor duly accredited in writing present for that purpose. Orders given to the contractor's agent/ supervisor shall be considered to have the same force as if they had been given to the contractor himself.

ii. The work during its progress shall be inspected by the Engineer or Engineer-in-charge on behalf of and the contractor shall extend all co-operations to the engineers inspecting the work.

8. AGENCY'S RISKS

All risks of loss of a or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the contract other than the excepted risks are the responsibility of the contractor.

9. ACTION AND COMPENSATION PAYABLE IN CASE OF BAD WORK: If it shall appear to IUAC, or our representatives, that any work has been executed with unsound, imperfect or unskillful workmanship or with materials of any inferior description or that any materials or articles provided by him for the execution of the work are unsound or of a quality inferior to the contracted for, or otherwise not in accordance with the contract and provide other and suitable materials or articles so specified at his own cost and in the event of his failing to do so within a period to be specified by the IUAC in his demand aforesaid, then the contractor shall be liable to pay compensation at the rate of one percent on the amount of the work order for every week not exceeding ten days while his failure to do so that continue and in the case of any such failure IUAC, may rectify or remove, and re-execute the work or remove and replace with other materials or articles complained of, as the case may be at risk and expenses in all respects of the contractor.

10. Contractor should depute a technically qualified supervisor dedicated for this work, who will monitor and coordinate work from contractor's side and interact with the IUAC Engineers, responsible for supervision of work, on regular basis.

11. The contractor will arrange all necessary materials, tools, equipment, access ladders & scaffolding, measuring instruments and working consumables etc. needed for execution of the works. Safe custody of all such material will be contractor's sole responsibility. No extra charges will be paid for the same. Watch and ward of all material till the system is taken over by IUAC shall be the sole responsibility of the contractor and pilferage etc. shall be entirely to his account.

12. If during the execution of works, any damage is caused to IUAC property by contractor's workers, contractor will duly make good the loss. IUAC has the right to make suitable deduction from contractor's bills along with penalty, if contractor fails to make good the loss.

13. No material belonging to the contractor whether consumable or non-consumable should be brought inside the IUAC campus without proper entry at the Main Gate nor any material should be taken out without proper gate pass issued by the authorized representatives of the Centre. Material delivery challans duly entered at the main gate shall to be submitted.

14. During execution of the work, contractor should dispose-off waste material on regular basis and should keep the area of work properly cordoned off and neat and clean as far as possible. After completion of work, contractor should

clear the site completely of all unwanted and junk material before submitting his final bill.

15. It shall always prevail, unless otherwise specifically stated, that the entire provisions of Tender document been opened upon and accepted for compliance by the contractor without any reservation.

16. During execution of work, Engineer can make minor changes in the scope of work as per site conditions or other reasons. Contractor will have no extra claim in his rates for the same.

17. During execution of work, the contractor should follow all standard norms of safety measures/precautions as per relevant IS codes and CPWD specifications to avoid accidents/damages to man, machines and buildings, at his own cost. Contractor will have his own arrangement to escort the labour to the nearest hospital for treatment in case any injury happens to any worker during execution of work.

18. Contractor will use only approved makes of materials as listed below and will get the samples of these materials approved by IUAC Engineer before incorporating in the work.

19. Before working, in area all instrument /machines /system/furniture /electronic item to be covered with tarpaulin /polythene cover to ensure protection and to prevent dust entry. For this no extra payment to be made to contractor. He will do it on his own cost. The same shall be included in rate quoted in respective item

20. Contractor may see the site before quoting rate to see the actual condition of work/site. No extra payment to be made later for work.

21. Payment for executed work will be made to contractor based on actual measurement only.

Seal & Signature of Contractor

SCOPE OF WORK**1. Introduction / Scope of Supply and Works:**

It is proposed to “Design, Supply, Fabrication, Installation, Testing and Commissioning of Low Conductivity Water Piping System for cooling of RF Amplifiers in HCI Beam Hall -III at Inter University Accelerator Centre Campus, New Delhi - 110 067”. The water of low conductivity 0.25 micro siemens cm to 1 micro siemens cm shall be circulated. The system material of construction, welding procedure, workmanship, cleanliness of system is very important so as to water low conductivity is not increased. The piping material and welding filler wire shall be SS316L.

Available Floor Area: 2300 x 2600 mm

It includes Design, Supply, Fabrication, Installation, Testing and Commissioning of :

1. S S 316L/ CPVC piping, fittings, valves of required sizes and approved make.
2. Water HDPE tank of 500 litre capacity including Steel support of 1800 mm high as required.
3. S.S. 316L water pump of required capacity and approved make.
4. S.S.316L plate type heat exchanger of required capacity and approved make.
5. Inline monitoring instruments for Low Conductivity, PH, TDS, including sensor, cable, transmitter, display units etc complete working unit as required and approved make.
6. Y-Strainers as required of approved make.
7. S.S.316L pressure gauges, S.S.316L temperature gauges complete as required.
8. Polishing unit consisting MB non- chargeable cartridge type as required capacity and approved make..
9. Chilled water M.S. Piping, fittings, flanges, butterfly valves, pressure gauges, industrial thermometer, 3-way valve with modulating motor, sensor, controller, thermal insulation etc. complete as required.
10. It is advised that bidder should visit the site and understand the nature of work before submitting the offer.
11. The system installation team should comprise of a Technical Supervisor, experienced and approved welder(s), pipe fitter, grinder, helpers etc.,
12. P&I diagram, piping layout drawing including support details shall be prepared. The same should be got approved by us before fabrication and 2 copies of as built drawings & one soft copy both in solid works / autocad and in PDF to be submitted. Works shall be allowed only after approval of drawings.
13. Manufacturer's Material & Test certificates for all the equipment/material including MS Pipe, MS Fittings etc., should be submitted to us before starting execution of works by the contractor. Without submission of test certificates and approval from our end, work will not be allowed.
14. All the works will be done as per the technical specifications mentioned in Annexure-C.
15. All rates should be quoted by the bidder's item wise after carefully going through the technical specifications.
16. No deviations from scope of work & technical specifications will be acceptable.
17. The works are only indicative and all the activities needed for completion of the works have to be accounted for by the bidder at the time of quoting.
18. Bidder should take into account all the implicit items not specified here-in, but are essential for completion of the work. The costs of such items should be in-built in the costing of the item rates. If the items are not taken into account, they should be clearly brought out in the Technical Bid (Part-A) of the bid

document.

19. The scientific equipments are installed in the area of proposed work and system is in running condition. The piping cutting / grinding / welding work shall be done outside the building. The site shall be cleaned daily to avoid dust in nearby equipments.

While carrying out the works all precautions have to be taken to ensure no defacing / damage occurs to adjacent area / equipment etc., In case of any damage occurs, the same has to be rectified/repaired free of cost by contractor.

20. Supports shall be made of Equal angles of 50x50x6 mm thickness / C-channels of ISMC 100 (100x50) / ISMC 75 (75x40mm), box made out of 2 nos. of ISMC 100 (100x50) welded together, MS plates of size 150x150x12 mm thickness or various sizes with a thickness of 10/12 mm, Anchor fasteners of 12 mm as required as per the requirement or as per the design. One coat of red oxide painting and two coats of synthetic enamel painting should be done on all the supports. This should be included in the costing of SITC of MS piping.

21. Basis of Payment: The quantities shown on the price schedule are only tentative and the actual measurements will only be known after the exact design & drawing is finalized by the successful bidder with due approval of the owner.

22. Kindly note that payment shall be made as per the actual quantities installed and not on the basis of items supplied. The final payment will only be made on the basis of the actual work / quantities executed and for this a joint measurement by IUAC Engineer-In-charge and the contractor will have to be taken. The responsibility and the facilitation for taking the measurements will rest with the contractor. It is entirely contractor's responsibility to take dimensions, sizes from site, design the system and take IUAC's Engineer's approval before actually proceeding with supply and installation of the same at site.

3. Civil Works: minor civil shall be in bidder's scope.

4. Codes and Standards:

All the design/material/workmanship/fabrication shall conform to the prevalent relevant latest Indian/equivalent Foreign Standards, Local statutory rules, safety standards, Indian Electricity Act and Indian Electricity rules as amended from time to time. Ignorance of the same can not be considered.

5. Storage and living accommodation:

The contractor will be responsible for storage of material/ equipment at site and necessary locking, safety and security arrangement will have to be made by the successful bidder at his cost. Safety of all the materials stored and responsibility of the same shall entirely be that of the bidders.

IUAC does not provide any living accommodation.

6. Inspection:

Material should be offered for inspection and testing at factory before dispatch to site wherever applicable.

7. Documents to be furnished by Vendor after award of contract:

7.1 Activity Bar chart

7.2 Design, Technical details, Make & Model of all the items (BOQ) offered to supply.

7.3 Schematic piping diagram.

7.4 Piping supports drawing.

7.5 Manufacturer's material certificate, test reports & manuals should be submitted in original for pump, Heat exchanger, pipes, fittings, instruments etc.

7.6 Any other relevant documents if required.

Annexure-B

1. Technical Specifications for MS Piping:

i. M.S Pipes:

The MS pipes shall be ERW Black (≤ 150 mm shall be as per IS 1239, PTI, Heavy Class and ≥ 200 mm as per IS - 3589, 6 mm thick), beveled ends.

ii. Flanges:

The flanges forged ASTM - A105, SORF, ANSI B16.5, Table F.

- iii. Flanges may be tack welded into position, but all final welding shall be done with joints dismantled. 3 mm thick gaskets shall be used with all flange joints.
- iv. **Fittings:** All fittings should confirm to S.S.316L ASTM A234, GR WPB, Sch.40, ANSI B 16.9. All integral branch off shall be stub connected. All fittings shall be tested to a pressure of 15 KSC.
- v. **Bolts:** All bolts shall be as per IS: 1367 CL 4.6 with dimensional standard as per IS:1364 and length to suit.
- vi. **5 Nuts:** All nuts shall be as per IS: 1367 CL 4.0 with dimensional standard as per IS:1364 and Hexagonal.
- vii. **Gaskets:** All gaskets shall be as per CAF IS:2712 GRW/3 with dimensional standard of ANSI B 16.21 150# and 3 mm thick Ring Type.
- viii. **Welding:**

- a) Welding operations shall confirm to Chapter V of the code of Refinery piping ANSI B31.3 - latest edition.
- b) All pipe ends shall be prepared V-end & tac welded before final welding.
- c) The welder will be pre-qualified by us based on the 180-degree face and 180 deg root bend test of the samples to be test welded by him in our presence and in 45-degree position and the test result will be furnished by the bidder from a Govt. approved test house.
- d) All expenditure to be incurred on the pre-qualification of the welder will be borne by the bidder including the cost of samples and arrangements made thereof.
- e) Welding work will be allowed only after completion of welder test and submission of test report.
- f) Welders and welding procedures shall be certified as per section IX of ASME Boiler and pressure vessel code - latest edition.
- g) The electric current for welding will be DC straight polarity (electrode negative).
- h) All pipes shall be butt welded as per ANSI B16.25.
- i) The welding electrode to be used will be only Adore/Advani/ IOL.

1.11 Testing of the Piping: In general, tests shall be applied to piping before connection of equipment and appliances. In no case shall the piping, equipment or appliances be subjected to pressures exceeding their test ratings.

The tests shall be completed and approved before any insulation is applied. Testing of segments of pipe work will be permitted, provided all open ends are first closed, by blank offs or flanges.

All piping shall be tested to hydraulic test pressure of at least one and half times the maximum operating pressure but not less than 10 kg/cm² for a period of not less than 12 hours. All leaks and defects in the joints revealed during the testing shall be rectified to the satisfaction of the Engineer-In-Charge, without any extra cost.

After tests have been completed the water shall be drained and flushed 3 to 4 times and cleaned of all dust and foreign matter. All strainers, valves and fittings shall be cleaned of all dirt, fillings and debris.

All the piping systems shall be tested in the presence of the Engineer-In-Charge or their authorized representative. Advance notice of test dates shall be given and all equipment, labor, materials required for inspection, and repairs during the test shall be provided by the contractor. A test shall be repeated till the entire systems are found to be satisfactory to the above authority. The tests shall be carried out for a part of work if required by Engineer-In-Charge in order to avoid hindrance in the work of the insulation contractor. The contractor shall provide all labor and materials to make provision for removing water and throwing it at the proper place, during the testing or/and after the testing to avoid damages to employer or other contractors' properties. Any damages caused by the contractor to the employer or other contractors' properties, shall be

borne by the contractor.

1.12 Pipe Supports: It should be made of structural steel & include G.I. clamps, anchor fasteners, wooden blocks, insulation pad. Supports will be installed at no larger than 3 meters and as per the design calculations to be furnished by you and consisting of C-channels, Angles, I section etc. of 6 mm minimum thickness. Extra support should be provided at bends & fittings like valves to avoid undue stress at pipes. The support columns have to be appropriately grouted using 1:2:4 concrete mix. The fabrication of hangers, anchors and materials shall conform to the requirements of chapter "Fabrication of pipe hangers, supports, anchors, Sway bracing and piping B31.3-latest issue.

1.13 Butterfly valve :

- Duty : Chilled Water / HOT Water / Condenser Water
- Pressure Rating : Confirm to BS:5155 PN-10/PN-16 & API-609 (As specified in BOQ)
- pH Value : Between 4 and 10
- Single body caste, Slim seal, wafer type,
- Body construction material should be graded cast iron
- Disc. Construction material should be Stainless steel.
- Disc. Seat should be an integral liner made of EDPM / Nitrite rubber, tight shut-off design
- Provide Hand Lever operated valves with locking arrangement for every 10° turn for valves up to NB200mm. Gea operated =>200 mm.
- Valves more than NB 350 mm shall allow for seat replacement at site.

1.14 Balancing Valves:

- Duty : Chilled Water / HOT Water / Condenser Water
- Pressure Rating : PN-10
- pH Value :Between 4 and 10

- **Material Specification**
- Hand Wheel – CI-220
- Body / Bonnet –C.A. F. (CI 260 GG 25)
- Body / Bonnet Bolts –A 307, GR.B
- Gland Packing –Graphite asbestos
- Stem Seal –EPDM
- Stem –SS 410
- Disc. – SS 410
- Seat Seal –EPDM (Site replaceable)
- Tight Shut Off Type
- Flanges drilled to IS 6392 (PN 16) Standards
- The spindle shall be non-rising type, and its movement should be lockable/tamper proof type.
- Micro-meter scale in the wheel should allow fine settings up to 1/10th of a hand wheel turn. The spindle should be lockable with a lock screw, allowing the limiting maximum opening of valve, to pre – determined position, while still allowing to use as shut-off valve.
- T.A.B. (Testing, Adjusting and Balancing)
- Measurement of pressure drops and flow rate should be possible using the body taps and quarter turn cocks.
- Digital measurements compatibility is a pre – requisite.
- Published ‘K’ factor of valve for different hand wheel turns should be available.

1.15 M.S. Y-Strainers - The strainers shall be Y type of fabricated steel body, tested up to pressure applicable for the valves. The strainers shall have a perforated S.S. sheet screen with 2 mm perforation, filtration area of minimum 75%, Y- strainers shall be provided with flange ends. The strainers shall be designed to facilitate easy

removal of filter screen for cleaning, without disconnection of pipe line.

1.17 Temperature Gauges (Industrial Glass Thermometer type) :-

It Shall be stem type with centigrade & Fahrenheit scales. Temperature gauge shall be of the separate able socket type and shall have extended brass stem, where required, for insulated pipes. Temperature gauge shall be installed at supply and return at chillers & condensers. Range of scales shall be 30-120 .F (0-50 Deg C).

1.18 Pressure Gauges - It shall be brass bourdon tube type, 150 mm Dial, 3/8" BSP bottom connection, 0-10 kg. Per sq.cm (0-100 psi). They Shall be installed on inlet and outlet at chillers, condensers and pumps. They shall be connected to the pipes by welding socket, GI nipple, S.S. Ball valve (Shenco - Make), S.S. U-tube, S.S. Socket & PI.

1.19 Pipe Insulation Procedure: (Outdoor) - Insulation material shall be fire retardant TF quality expanded polystyrene moulded pipe section of density 24 kg/cum and a thickness of 75 mm in pipe section form, $K=0.035$ Kcal / hr.m.Deg.C and (glass wool not accepted).

Application - The surface to be insulated shall be thoroughly cleaned and allowed to dry. CPRX compound of STP confirming to IS 702 shall be uniformly applied @ 1.5Kg / Sq m on the surface to be insulated. A similar layer shall also be applied on the inside surface of the insulation. Insulation sections shall be stuck to the surface with the joints staggered. The adjoining sections shall be tightly pressed together. All the joints shall be sealed with CPRX. Voids will be sealed with suitably cut pieces. Sections shall be held by PVC packing strip of ½ “ width at gap of 800 mm. Cover the pipe section with 250 micron thick white polythene followed Aluminum cladding of 26G thickness should be done as outer finish.

1.20 Pipe Insulation Procedure (Indoor): Same as above.

1.21 Insulation Procedure for Valves & Flanges : Same as above.

1.22 Painting : All exposed metal surface of pipes, fittings, pump base frame, RCC foundation and supports must be applied with one coat of Epoxy primer & two coats of epoxy of ICI / Nerolac paint of Approved shade. The surface to be painted shall be cleaned thoroughly before painting.

2. Technical Specifications for S S 316L Piping:

- a) All pipes shall conform to ASTM A312, TP 316L, Sch.40S, ERW with dimensional standard as per ANSI B 36.19. The pipe material shall be SS-316L. Ends shall be beveled.
- b) All elbows, Tees, reducers will conform to ASTM A 403, WP 316L with dimensional standard as per ANSI B 16.19. Elbows radius should be 1.5 D or it may vary as per the site conditions. It shall have beveled ends.
- c) All flanges shall conform to ASTM A 240, TP 316L with dimensional standard as per ANSI B 16.5, #150 SORF.
- d) All bolts shall be SS Material with dimensional standard as per ANSI B 18.21 and length to suit.
- e) All nuts shall be SS Material with dimensional standard as per ANSI B 18.21
- f) Pipe in maximum length shall be used to minimise the welded joints.
- g) All gaskets shall be as per CAF IS:2712 W/3 with dimensional standard of ANSI B 16.21 150# and 3 mm Thick Ring Type.
- h) All pipe supports should be as per ANSI code B 31.1/B 31.3 and good engineering practice. Pipe support to be provided at every 2/2.5/3 m (depending upon the pipe sizes) length of pipe and before and after the fittings. Indian Standard Channel and Equal Angles to be used. Pipe support drawing to be provided along with final drawing. Load bearing on pipe supports to be calculated and to be furnished.
 - i) Thermal packing has to be provided between support steel and SS Pipes to prevent the contact between dis-similar material. Wherever thermal insulation has to be done on SS pipes, wooden blocks with a half circle cut on top of required pipe sizes should be provided between supports and SS Pipes.
- j) Hanger rods shall be minimum 12 mm in size and load ratings shall be in accordance with ANSI B31.1 for ASTM A 36 or equal.
- k) Vendor shall carry out detailed design of all the supports, hangers and welded attachments.
- l) All test certificates shall have to be provided for the pipes, valves, fittings etc., for conformity to standards. If required, IUAC may ask the bidder to get the material test done. All expenditure on account of material testing shall be to bidders account.
- m) Nipples, U-Tubes, Valves and all fittings required for pressure gauges mounting should be in SS-316L material. U clamps for pipes should be in SS-304 material.
- n) SS Nipples should be made out of SS-316L, Sch.80 Pipes and machine threaded.
- o) SS Sockets, Reducing Bushes and Plugs shall be heavy duty, made out of SS-316L Rod (Cast Item not acceptable).
- p) Thermowell to be mounted for Temperature Indicator fixing.
- q) The pipe welding shall be as follows:
 - Welder: Pre-qualification of welder will be done based on face and root bend test & penetration. Test report for the same to be furnished. The welder will be qualified by us based on test specimen welding in our presence and submission of test report from an approved laboratory. Welders and welding procedures shall be certified as per Section IX of ASME Boiler and pressure vessels code - latest edition. All welders working on project piping shall have passed the performance qualification test prescribed by section IX of ASME Boiler and Pressure Vessel code. The welder qualification tests shall be performed at our site. All expenditure on account of welder testing shall be to bidders account.
 - Burrs will be removed by grinding around and the result will be a square butt edge without chamfer.
 - Before welding the pipe edges will be cleared by SS wire brush, emery cloth and final wiping with clean rags.
 - Ends of the pipes will be carefully aligned so that no offset is present. Evenly spaced tacking by shielding will be done and the tacking will be cleaned before welding process.
 - All welds shall be done using only TIG process. All the joints should be got it physically checked by us before welding.
 - Electrodes will be 1/6" or 3/32" diameter, 2% thoriated tungsten confirming to AWS-ASTM, EWTh2 and to be sharpened to pencil point.
 - The electric current for welding will be direct current, straight polarity (electrode negative).

- All welds will be made to minimize carbide precipitation.
 - All welds shall be shielded with welding grade argon at a controlled rate through a flow meter.
 - In addition to shielding the weld area, the inside of the pipe is to be purged with argon to prevent oxidation of the inner surface. The purging will be done in all (root and final) the passes.
 - All SS weld joints will be inspected Dye Penetrant Test Examination as per ASTM E-165. 100% root joints will be tested. 100% joints on final run will also tested by Dye Penetrant Test Examination.
 - Filler wire shall confirm to AWS-A 5.9, ASTM 371 and ER316L type. It should be Adore / L&T / BOC make. Suitable for welding of 316L pipe and fittings.
 - The pipe / fitting ends to be welded must be beveled and two passes must be made.
 - All tacks and passes are to be cleaned on the outside by using stainless steel wire brush (not steel).
 - Grinding of stainless steel welds is not permitted. Hammering of stainless steel welds is strictly prohibited.
 - The tap-off on nipple end to be welded to main pipes will be rounded to radius of the pipe dia. and then butt welded.
 - All tap-off holes will be drilled and no gas cutting will be allowed.
 - All pipe pieces will be cut by hacksaw/powersaw and no gas cutting will be allowed.
- r) After the erection of piping, all the piping shall be cleaned with suitable acid cleaning of internal surfaces of pipes and fittings from the rust / dust grease etc. It shall be flushed with water till the all acid particles are moved out.
- s) Hydrostatic test will be done on piping at 1.5 times the maximum working pressure or minimum 12 bar pressure. The test pressure shall be held with no noticeable loss in pressure while all joints are visually inspected for leaks. IUAC will be the final authority to determine the test pressure to be done on the joints
- t) **SS Ball Valves (Threaded end connections):** Rating - PN 64, threaded end connections. Material of construction : Body-ASTM A, Body connector-351 CF8, Connector seal & ball seat - PTFE, Ball & stem-AISI 316L, Stem seal & gland packing- PTFE, Gland - AISI 316L, Gland nut-SS304, Lever & Lever nut - SS 304, lever sleeve – PVC.
- u) **SS Ball Valves (Flanged end connections):** Rating–ANSI Class#150, Flanged End Connections, Test pressure for Shell-31 bars (hydro static), Test pressure for Seat leak- 5-7 bar (air), Material Specification: Body-ASTM A, Body Connector-351 CF8, Connector Seal & Ball Seat-PTFE, Ball&Stem-AISI316L, Stem Seal & Gland Packing-PTFE, Gland-AISI316L, Gland Nut-SS-304, Lever & Lever Nut -SS-304, Lever sleeve-PVC.

Technical Specifications for CPVC Pipe :

1. All CPVC pipes sizes upto 2" shall be copper tube sizes.
2. Pipe thickness shall be SDR11 upto 2".
3. All fittings shall be SDR9 for upto 1" CTS, SDR11 above 1" upto 2".
4. All joints shall be socket joints.
5. Jointing shall be done by cutting the pipe ends by pipe hacksaw, pipe cutter, wheel type cutter square ends. The joints shall be cleaned with the wet rag. It shall be joined with hot welding / solvent cement / fusion welding.
6. Pipe size and fittings of size 2 ½ " CTS in BOQ if not available shall be replaced with 2" NB IPS Sch -80
7. Support / Hangers distance for pipe size ≤ 1 " shall 1200 mm, same for >1 " shall be 1800 mm. Support shall be provided at each bend.
8. While hanging the pipes, if required the pipe shall be clamped with suitable M.S channel. Then M.S. Channel shall be hanged from roof.
9. HDPE tank shall be heavy duty.

List of Approved Makes:

S.N.	Equipment/Item/Material	Approved Manufacturer
1	S.S. Vertical Pump	Kirloskar / khimline / ksb/ grundfos / sulzer / CRI/Crompton.
2	Heat exchanger	Reputed make as approved
3	ERW Black Pipe	Tata / Jindal Hissar.
4	Anchor Fasteners	Cannon / Hilti / Fisher
5	Filler Wires	Adore / BOC / L&T
6	SS Pipes	Ratnamani / Remi / Jindal.
7	SS Fittings	Rolex/DHV/Swastik/Randhir/Sudhir/Gujarat Engineering Co.,/Sakhi/Tube Product Inc.
8	SS Ball Valves	Shenco / Flowjet / Sakhi Engineers Pvt. Ltd
9	Pipe Bellow	Resistoflex/ Easyflex/ Vallabh / SBM
10	Pressure Gauges	Fiebig / H.Guru / Micro / Wika
11	Temp. Gauges	Fiebig / H.Guru / Micro / Wika
12	Inline Conductivity Meter / sensor / transmitter	Reputed make as approved
13	In line pH meter / sensor / transmitter	Reputed make as approved
16	In line TDS meter / sensor / transmitter	Reputed make as approved
17	Mixed Bed Resin	Ion Exchange / Thermax
18	S.S. Y-Strainer	Shenco / Flowjet / Sakhi
19	M.S. Y-Strainer	Emerald
20	Butterfly Valves	Audco / Advance
21	3-Way modulating Valve	Honeywell / Siemens / Anergy
22	Balancing Valve	Advance / Anergy
23	Insulation XLPE/Fibre glass / EPS slabs etc.	Beardsell/Lloyd/Thermobreak/Uptwiga/Owens/ Corning/ Armaflex/Trocellene/Thermofle
25	Aluminium Ladder	Sumer / Allied / equi.
26	Support Steel	Tata / Jindal.
27	Paint / Primer / Thinner	Asian/Nerolac/Dulux
28	CVPC Pipe, Fittings, Valves	Supreme / Astral / Ashirwad
29	CPVC Pipe Clamps	Supreme / Astral / Ashirwad
30	HDPE Tank	Sintex / Supreme / Astral / equi.
31	Solvent Cement / Primer	Supreme / Astral / Ashirwad

NOTE:

- a) IUAC reserves the right to add or delete the approval list of makes for certain items, if found not compatible with the system. In case the make of any item is not mentioned, the same should be of well-known reputed ISI. Above makes of materials are approved subject to their meeting the tender specification & site requirements.
- b) The contractor shall supply ISI marked material as per of the makes/brands indicated above. In case, the firm is not manufacturing ISI marked material for any of the brands, first quality material shall be accepted.
- c) The samples of the material shall in either case have to be got approved from the Engineer-in-charge.
- d) Material where no make/brand has been mentioned, in this case ISI marked samples shall be submitted by the contractor for approval of Engineer.
- e) Contractor will be responsible to ensure the quality of products listed in approved list of makes/brands. Contractor will have to replace the defective and sub-standard materials at his own cost.

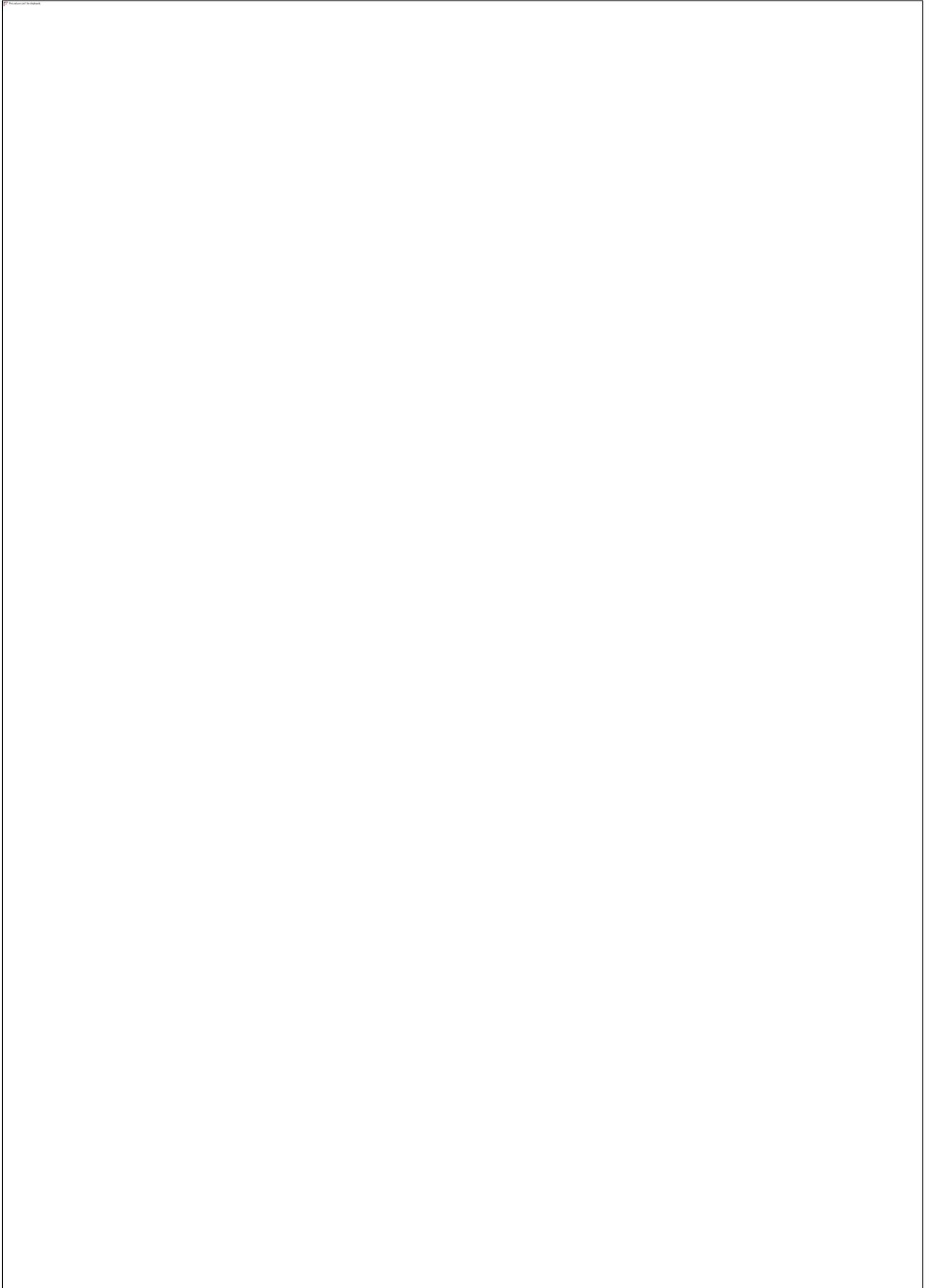
Seal & Signature of bidder/Bidder

Price Bid (Part-B)					
S.N.	Item Description (Quoted rates shall be inclusive of SITC)	Units	Qty	Unit Price	Total Cost
1.	HEAT EXCHANGER : Material - S.S. 316L (All Parts) , PLATE TYPE, Flange End Connections, complete working unit as below: Cooling Capacity = 110 Kw = 31 TR i. Clean Fluid side (Secondary Fluid): Flow: 43 GPM / 163LPM, dT - 18 DEG F (IN / OUT – 90/72 °F) Fluid – LCW of conductivity <1 micro siemens . Pressure Rating: 5 kg/cm2. ii. Chilled Water Side (Primary Fluid) : flow as per design, dT- 10 °F (IN / OUT – 44/54 °F). Working Pressure : 5 kg/cm2.	Nos	1		
2.	Water Pump, Material – SS316 (Impeller, housing, shaft, all wetted parts), no leak mechanical seal, monoblock / coupled type, vertical type, in line, in /out flange, 415/240V, 50Hz, 1450/2900 rpm, end connection including pump, motor, coupling, mounting skid unit, vibration absorber mounts, civil foundation etc. Complete standard working unit. Flow capacity–162 lpm, Static Head -5 kg/cm ²	Nos	1		
3.	Storage Tank, PPH/HDPE, capacity - 300 Litres or less as per space, Heavy thickness, Threaded type Cover	Nos	1		
4	Storage Tank water level Indicator, Glass / PVC tube type, with tank CPVC nipples, CPVC valves, Size: 1/2”	Nos	1		
5	M.S. Support Structure to support pipings, tank at height 1800 mm made of M.S. Sections duly painted with one coat of primer, two coats of enamel paint of approved shade.	Nos	500		
6	Ladder, Aluminium, 10 Feet Long, to be fixed along wall for access to Storage tank cover.	Nos	1.		
7	Pipe, S.S.316L, ERW, Sch-40, Bevelled end, including bends Size: 2”NB	RM	3		
8	Size- 1”NB (Specifications as in 7)	RM	2		
9	Size- 1/2”NB(Specifications as in 7)	RM	6		
10	Ball Valve, S.S.316L, PN-10, Flanged Size- 2” NB	Nos	2		
11	Ball Valve, S.S.316L, PN-10, Flanged Size- 1”NB	Nos	1		
12	Ball Valve, S.S.316L, PN-10, Threaded Size- 3/4”NB	Nos	8		
13	Ball Valve, S.S.316L, PN-10, Flanged Size- ½” NB	Nos	2		
14	Water Pressure reducing valve, SS316, 1/2” BSPT, in-7 bar, outlet- 0-5 bar.	Nos	1		
15	Flanges, S.S.316L, SORF, 150lb including bolts, nuts, washers, gaskets etc. Size- 2” NB	Nos	14		
16	Size- 1” NB (Specifications as in 15)	Nos	2		
17	Size- 1/2” NB (Specifications as in 15)	Nos	6		
18	Size- mating flanges for pump (Specifications as in 15)	Nos	2		
19	Size- mating flanges for polishing unit (Specifications as in 15)	Nos	2		

20	Plugs, S.S.316L, threaded, made from bar, Size: 3/4"NB BSPTM	Nos	6		
21	Y-Strainer, S.S.316L (Forged / Die Cast), 150 lb, S.S.mesh-1mm, flanged end connection. Size : 2" NB	Nos	1		
22	Y-Strainer : SS316L, (Forged / Die Cast) screwed ends, Pressure rating-10 kg/cm2, mesh size – 100 microns, Size– 3/4 " NB	Nos	2		
23	Flexible Bellow, S.S.316L, 150lb, Flange. Size: 2"NB x 150 mm long	Nos	2		
24	Pressure Gauge, Dial Type : S.S.316L Bourdon tube, bottom screwed end Connection including nipple, Ball valve, U-tube (all material) S.S.316L 4" Dia, 0-14 kg/cm2	Nos	6		
25	PIPE, CPVC, SDR-11, including bends Size- 2 1/2" OD	RM	3		
26	Size- 2" OD (Specifications as in 25)	RM	54		
27	Size- 1" OD (Specifications as in 25)	RM	30		
28	Flanges, CPVC, SDR-11 including gaskets (Teflon) and S.S. Fasteners. Size : 2 1/2 " OD	Nos	2		
29	Union, CPVC, SDR-11 Size – 2 1/2" OD	Nos	2		
30	Union, CPVC, SDR-11 Size – 2" OD	Nos	2		
31	Union, CPVC, SDR-9 Size – 1" OD	Nos	2		
32	Tee, CPVC, SDR-11 Size-2 1/2"x 2" x 2 1/2" OD	Nos	2		
33	Tee, CPVC, SDR-11 Size-2"x1"x2" OD	Nos	20		
34	Tee, CPVC, SDR-11 Size-2 1/2"x 1" x 2 1/2" OD	Nos	3		
35	Tank Nipple, CPVC, SDR-11 Size: 2 1/2" x 4" Long OD	Nos	2		
36	Tank Nipple, CPVC, SDR-11 Size: 2" Od x 4" Long	Nos	2		
37	Tank Nipple, CPVC, SDR-9 Size: 1" OD x 4" Long	Nos	2		
38	Reducer, SDR-11 Size: 2 1/2"- 2" OD	Nos	4		
39	Caps, CPVC, SDR-11 Size: 2" OD	Nos	4		
40	Adaptor,CPVC,SDR-9, Size: 1"Male / Female– Brass 3/4" BSPTFE	Nos	20		
41	CPVC Pipe Clamps 2 including saddle, bolts, anchors fasteners	Nos	40		
42	CPVC Pipe Clamps 1 including saddle bolts, anchor fasteners	Nos	20		
43	Ball Valve, CPVC, , SDR-11 Size- 2 1/2" OD	Nos	4		
44	Ball Valve, CPVC, , SDR-9 Size- 1" OD	Nos	5		
45	Polishing unit consisting of Mixed Bed, Resin, Quantity – 10 Litre, non rechargeable type, FRP / PP cylindrical vessel, flow rate 2 LPM minimum, output water conductivity of < 0.25 microS/cm. Total discharge capacity of 10000 Litres minimum. It shall be used in recirculation line of low conductivity water.	Nos	1		
46	In Line conductivity monitoring system including sensor with	Nos	3		

	fitting for fixing in S.S. Pipe 2"NB, LED display meter, transmitter, cable etc. Standard working unit as required. 2-Electrode conductivity sensor with housing and fitting to fix into 2"NB and 1/2" NB pipe line: <ul style="list-style-type: none"> • Range : 0.01 to 20 microS/cm, • Electrode Material : Titanium • Application : low conductivity water. Material 316L for wet parts. Transmitter: single channel,				
47	In Line TDS monitoring system including sensor with fitting for fixing in S.S. Pipe 2"NB, LED display meter, transmitter, cable etc. Standard working unit as required. Pressure rating-10 kg/cm2. Range 0-1000 ppm	Nos	1		
48	In Line pH monitoring system including sensor with fitting for fixing in S.S. Pipe 2"NB, LED display meter, cable etc. Standard working unit as required. Range : 0-10, Pressure rating-10 kg/cm2.	Nos	1		
49	Temperature Gauge, S.S.316L, Dial type with stem with fitting to fix on 2"NB pipe.	Nos	4		
50	M.S. Black pipe, ERW, heavy Class, V-ends including fittings, bends, reducers, supports (excluding flanges) Size : 2 ½ "NB	Rm	30		
51	Flanges, M.S., SORF, BS-10, Table-F (Thickness – 12 mm min.) including gaskets and fasteners. Size : 2 ½ " NB	Nos	9		
52	mating flanges for PHE (Specifications as in 51)	Nos	2		
53	Size : 2" NB (Specifications as in 51)	Nos	6		
54	mating for 3 way valve (Specifications as in 51)	Nos	3		
55	Butterfly Valve, PN-16, SS Disc, SS Stem, CI Body, Handle Type, Make-Audco / Advance: Size – 2 ½ " NB	Nos	3		
56	Balancing Valve, CI body S.S. Parts, flanged ends, PN10, Size: 2 1/2 "NB	Nos	1		
57	Y-Strainer, M.S. (Fabricated, not-casted), 150 lb, S.S.mesh-1 mm, flanged end connection, fabricated from M.S. Sheet / pipe, with drain plug etc : Size : 2 ½ " NB	Nos	1		
58	Thermal Insulation 50 mm thick for the chilled water piping, fittings, valves etc – including pipe sections (2" Thick XPLE, density - 24 kg /cm2), CPRX on pipe outer and insulation section inner side surfaces, tied with 18 gauge GI wire at distance of 300 mm, wrapping of 500 micron thick polythene sheet, covered with 26G Aluminium sheet.	Rm	40		
59	3-Way Modulating Valve, CI Body, S.S. Stem, S.S.Globe, Linear Motion type, flanged ends including valve actuator, actuator motor, controller / indicator, FRP Box with Glass window and lock, PT-1000 sensor, power / control wiring of minimum 1.5 mm ² copper conductor (with PVC batton), Power supply with FRP box with	Nos	1		

	view glass (including MCB, transformer, power indicator) complete working unit. Make -Siemens / Honeywell / Anergy Size- 2" NB				
60	Pressure Gauge, Dial Type : Brass Bourdon tube, End Connection (screwed, 3/8" BSPM, bottom side) including S.S.Socket (3/8" BSPTFe, Screwed, Made from bar stock, Extra Long for Chilled water Piping – 2nos), S.S.Nipple (3/8" BSPTM, screwed ends, sch-40, 4" long-1 nos), Ball Valve (3/8" BSPTFe, screwed, Make-Shenco), U-tube (S.S., 3/8" BSPM, Sch-40, screwed ends) 6" Dia, 0-7 kg/cm ²	Nos	2		
61	Industrial Glass Thermometers, Range-0-50 Deg C, 3/4" BSPT, Screwed connection, Brass bellow (3/4" BSPTFe, screwed, made from bar stock) M.S. Socket (3/4"BSPTFe, Extra Long for Chilled water Piping.	Nos	2		61
62	Electrical starter of pump as required DOL type with on-off push buttons, on-off status indicating lamps, voltage meter, Amp meter, SPP, over load relay, contactor, main MCCB of required capacity enclosed in powder coated M.S. Enclosure mounted on stand to working height, cable (armoured cable, alminium conductor required size and length from the supply source, from the starter to pump laid in GI perforated tray of required size and length).		1		
	Total (without GST)				



This certificate shall be furnished duly signed & stamped with **Technical Bid**.

Certificate/ Undertaking for site visit

This is to certify that we have visited the site where (Name of work) have to be done in IUAC campus on (Date of visit) and assessed the actual situation & nature of site. We have also assessed the amount of work involved at site for tendered work before submitting our offer. We will be able to complete the above work within stipulated time as per site conditions.

We further undertake that no extra cost will be claimed by us later-on for any difficulties/ modifications involved during the execution of tendered works. We understand that work is to be executed in an already operational/ functional institute.

(Signature of the Bidder, with Official Seal)

PROFILE OF THE BIDDER (on Bidder's letterhead)

1.	Name of the Firm / Organization	:	
2.	Postal Address	:	
3.	Telephone No. / Mobile No. & Name of the Contact Person	:	
4.	E-mail ID	:	
5.	Month and Year of establishment	:	
6.	Name of proprietor / partners/director	:	
7.	No. of years of experience in this field, with Reference, Certificates	:	
8.	Annual Turnover during the last three years: (Enclose copies of Audited Financial Statement/Certificate from CA) FY 2019-20 FY 2020-21 FY 2021-22	:	
9.	Whether the firm is an Income Tax Assessee? If: so please give the details of PAN No. (attach copy)	:	
10.	GST Registration No. (attach copy)	:	
11.	Name of the OEM and address (if applicable)	:	

Signature of the Bidder & Seal

ANNEXURE III

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

Date: _____

To
The Director
Inter-University Accelerator Centre
Aruna Asaf Ali Marg
New Delhi-110 067.

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Name of Tender / Work: _____

Dear Sir,

1. We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely: as per your advertisement, given in the above-mentioned website(s).
2. We hereby certify that we have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s), etc ..), which form part of the contract agreement and we shall abide hereby by the terms / conditions / clauses Contained therein.
3. The corrigendum(s) issued from time to time by your department/ organizations too have also been taken into consideration, while submitting this acceptance letter.
4. We hereby unconditionally accept the tender conditions of above-mentioned tender document(s) / corrigendum(s) in its totality / entirety.
5. We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/ Public sector undertaking.
6. 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/ organization 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 the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

BID SECURING DECLARATION FORM
TO BE SUBMITTED BY MSME ONLY ON COMPANY LETTER HEAD

Tender/Bid No.:

Date:

To
The Director
Inter University Accelerator Centre (IUAC)
New Delhi
Dear Sir/Madam,

We, the undersigned, solemnly declare that:

We understand that, according to the conditions of this Tender Document, the bid must be supported by a Bid Securing Declaration In lieu of Bid Security.

We unconditionally accept the condition of this Bid Securing Declaration. We understand that we shall stand automatically suspended from being eligible for bidding in any tender in IUAC for a period of two years from the date of opening of this bid if we breach our obligation under the tender conditions, if, we,

withdraw/amend/impair/derogate, in any respect, from our bid, within the bid validity; or being notified within the bid validity of the acceptance of our bid by IUAC

- (i) Fail or refuse to sign the contract, or (ii) failed or refused to produce the original documents for scrutiny or the required Performance Security within the stipulated time under the conditions of the tender documents.

We know that this Bid Securing Declaration shall expire if the contract is not awarded to us, upon:

1. receipt by us of your notification
 - a) of cancellation of the entire tender process or rejection of all bids or
 - b) of the name of successful bidder or
2. Forty-five days after the expiration of the bid validity or nay extension to it.

Signed:

Name:

Dated on _____ day of

Corporate Seal (where appropriate)

(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid)

Declaration for Code of Integrity & conflict of interest (On the Letter Head of the Bidder)

No: _____

Date _____

To,
The Director IUAC
New Delhi

Sir,

With reference to your Tender No. _____ dated _____ I/We hereby declare that

we shall abide by the Code of Integrity for Public Procurement as in your Tender document and have no conflict of interest.

It is certified that we are not associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation of Bids / Tender.

The details of any previous transgressions of the code of integrity with any entity in any country during the last three years or of being debarred by any other Procuring Entity are as under:

- a
- b
- c

We undertake that we shall be liable for any punitive action in case of transgression/ contravention of this code.

Thanking you,

Yours sincerely,

Signature

(Name of the Authorized Signatory)

Company Seal

(Undertaking to be given on Bidders/ Company Letter Head)

1. I / We (bidder) hereby give an undertaking that:
2. I / We have not been blacklisted / on holiday list / debarred during last three years by any Govt. Department/Govt. Autonomous Body/Institution, etc.
3. I/We do not have any dispute with any of the Govt. Departments/ Govt. Autonomous Bodies/Institutions, etc.
4. I/We have never been certified as 'Unsatisfactory Performer' for the said services provided to the Govt. Departments/ Govt. Autonomous Bodies/ Institutions;
5. I/We have not submitted any fake/forged certificates/ documents and later, if any such 'Certificates/Documents' found to be fake/ forged or contains willful wrong/incorrect information, suitable legal actions may be initiated against me/us/agency and the agencies / bidders shall be debarred from tendering with the Institute.
6. I/We shall not withdraw my/our bid after opening of Technical Bid and if done so, the IUAC and the agencies / bidders shall be debarred from tendering with the Institute.

Seal and Signatures of the Authorized
Person of the Agency
Name and designation of the
Authorized Person of the Agency

Place:

Date:

Certificate for Tenders involving procurement (On Bidder's letterhead)

“I/We have read the clause regarding restrictions of procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries; I/we certify that we are not from such a country or, if from such a country, have been registered with the Competent Authority and will not sub-contract any work to a contracting from such countries unless such contractor is registered with the Competent Authority. I/we hereby certify that we fulfill all requirements in this regard and is/are eligible to be considered. [Where applicable, evidence of valid registration by the competent Authority shall be attached.]”

Tenderer Signature and seal

Certificate for Tenders for Works involving possibility of subcontracting (On Bidder's letterhead)

“I/We have read the clause regarding restrictions of procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries; I/we certify that we are not from such a country or, if from such a country, have been registered with the Competent Authority and will not sub-contract any work to a contracting from such countries unless such contractor is registered with the Competent Authority. I/we hereby certify that we fulfill all requirements in this regard and is/are eligible to be considered. [Where applicable, evidence of valid registration by the competent Authority shall be attached.]”

Tenderer Signature and seal

CHECK-LIST FOR PRE-QUALIFICATION BID FOR

Low conductivity Cooling Water Piping System For RF Amplifier in HCI area in IUAC Campus

Sl. No.	Documents asked for	Page number
1.	Covering letter on Company's Letter Head	
2.	Bio data of company (Company profile, organizational setup, credentials, list of plant, machinery & tools in his possession).	
3.	Copies of the audited balance sheet / turnover certificate of the past three financial years along with copies of ITRs	
4.	Copies of PAN no., GST Reg. no. (Self-attested)	
5.	Copies of work orders and completion certificates of similar type of civil works executed successfully during last 7 yrs.	
6.	Tender acceptance letter (as per annexure - I of tender document) on bidder's letter head	
7.	Undertaking for Site Visit has to be submitted as per Annexure – II	
8.	Bid Security Declaration for MSME as per Annexure – III	
9.	Undertaking On the Letter Head of the Bidder as per Annexure IV	
10.	Declaration for Code of Integrity and Conflict of Interest on the Letter Head of the Bidder) as per Annexure V	
11.	Declaration/Certificate for Tenders involving procurement as per Annexure VI	
12.	Copy of MSME/NSIC Registration Certificate (If any)	
13.	Copy of the receipt of EMD submission proof	
14.	Signed and stamped NIT	
15.	Any other document asked (If any)	

(Seal & Signatures of Contractor)

(Name and Address of the Bidder)

Telephone No.