

**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/01/SSKS/2022-23  
Tender Number: IUAC/NIT/01 /SSKS /2022-23

दिनांक: 01/04/2022  
Dated: 01/04/2022

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 " 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 "**Round the Clock Operation and Maintenance of Water System Ph-I, II&III, 150 KLD Sewage Treatment Plant (STP) and associated equipment at IUAC**".

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 होंगी। 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>. Tenderers / 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 बोलियाँ 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 आईयूसी 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. Tenderers 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।

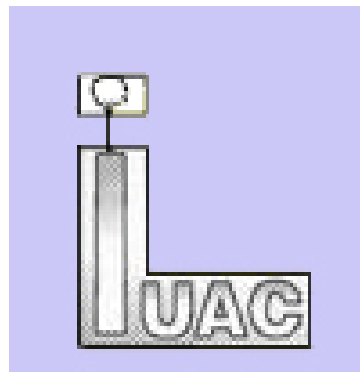
Bidders are advised to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard .XLS BOQ Format with the tender document, then the same is to be downloaded and to be filled and submitted online 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](http://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](http://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  
ANNUAL CONTRACT FOR ROUND THE CLOCK OPERATION AND MAINTENANCE  
OF  
WATER SYSTEM PHASE-I, II & III AND 150 KLD SEWAGE TREATMENT PLANT  
(STP) AND ASSOCIATED EQUIPMENT  
AT INTER-UNIVERSITY ACCELERATOR CENTRE (IUAC)**



**TENDER ENQUIRY NO: IUAC/NIT/01/SSKS/2022-23**

**LAST DATE OF SUBMISSION: 21/04/2022**

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# **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	<b>Round the Clock Operation and Maintenance of Water System Ph-I, II&amp;III, 150 KLD Sewage Treatment Plant (STP) and associated equipment at IUAC”.</b>
Tender No.	IUAC/NIT/01 /SSKS/2022-23
Tender Value/Estimate	Rs. 56,00,000/- (Rupees Fifty-Six Lacks) per Annum
Earnest Money Deposit	Rs.1,12,000- (Rupees One Lakh Twelve Thousand only)
Tender Fee	NA
Link for payment of EMD	<a href="https://services.sabpaisa.in/pages/iuac.html">https://services.sabpaisa.in/pages/iuac.html</a>
Bid Submission End Date	21/04/2022 at 3.00 PM
Technical Bid Opening Date	22/04/2022 at 3.30 PM
Price Bid Opening Date	To be intimated later
Contact Person	Administrative Officer (S&P)/Mr. S.S.K. Sonti, In charge (Works) E-mail: <a href="mailto:iuacstores@gmail.com">iuacstores@gmail.com</a> / <a href="mailto:sundaram.nsc@gmail.com">sundaram.nsc@gmail.com</a> Phone: 011-24126018, 24126022



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## **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](http://www.iuac.res.in) & [www.eprocure.gov.in](http://www.eprocure.gov.in).
2. Tender documents may be downloaded from IUAC's website [www.iuac.res.in](http://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)	<b>Corrupt practice</b>	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)	<b>Fraudulent practice</b>	A misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract.
(c)	<b>Collusive practice</b>	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)	<b>Coercive practice</b>	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)	<b>Anti-competitive practice</b>	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)	<b>Conflict of interest</b>	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)	<b>Obstructive Practice</b>	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:
  - 1) 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;
  - 2) 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;
  - 3) 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;

- 4) 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;
- 5) 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 GEM 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. 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](http://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) Profile of Tenderer (ANNEXURE-A)
- b) Tender Acceptance Letter (ANNEXURE- B)
- c) Bid security Declaration in lieu of EMD for MSME (ANNEXURE– C)
- d) Declaration for Code of Integrity (ANNEXURE– D)
- e) Undertaking on Blacklist (ANNEXURE– E)
- f) Undertaking (ANNEXURE- F)
- g) Check List (ANNEXURE–G)
- h) Copy of work orders for "Round the Clock Operation and Maintenance of Water System and 150 KLD Sewage Water Treatment Plant" 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:
  - a) Three similar completed works costing not less than the amount equal to 40% of the estimated cost (Rs. 22.4 lakhs).

Or
  - b) Two similar completed works costing not less than the amount equal to 50% of the estimated cost (Rs. 28.0 lakhs).

Or
  - c) One similar completed work costing not less than the amount equal to 80% of the estimated cost (Rs. 44.8 lakhs).
- i) 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.
- j) Self-attested copies of EPF, ESI, GST, PAN registration and a copy of latest annual EPF Statement of existing workers.

k) 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 31<sup>st</sup> March of the previous financial year, should be at least 30% of the estimated cost.

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

### **2.3 Price Bid (Part-B):**

**2.3.1** The rates for Sl. No.1,2,3 in PRICE BID are mentioned taking into consideration prevailing minimum wages applicable in Delhi as on 01.10.2021. However, in case of any revision of minimum wages by GNCT, Delhi during the contract period, the difference will be reimbursed by IUAC.

In this bid the bidder is required to quote his rates/prices against sr. no. 4, 5 & 6 of ANNEXURE-XII. The quoted prices shall be excluding of all the taxes levied by statutory Govt. bodies. These shall be charged and payable extra as applicable from time to time on actual basis. The bidders should quote unconditional rates.

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.

**2.3.2 Overhead & profit (Sr. N. 7) of the bidder should be quoted in lump sum (not a % of any item). Financial bids quoting “Nil” consideration or “Zero percent or its derivatives up to 0.9999 percent and thereof” as service charge / Overhead & profit shall be rejected summarily. As per Order no. 29(1)/2014-PPD dated 28 Jan 2014 of Ministry of Finance and Order No. 31/14/1000/2014-GA dated 17.09.2014 of Ministry of Commerce & Industry or any other concerned order issued by the Government till date.**

### **2.3.3 Quoting unduly lower rates:**

(i) The bidder has to quote all rates and overhead & profit charge that takes care of uniform, shoes, tools etc., TDS, supervision, all the statutory charges relating to this contract, etc.; and reasonable margin thereafter. The Centre has responsibility as Principal Employer and would like to ensure that unduly lower rates of overhead & profit charge will not lead to complaints from workers such as delay in payment, improper reduction in wages, seeking monetary return by the bidder from the workers, etc. thereby affecting the performance of the workers.

(ii) The bidder may be asked to justify all the rates and charges in case the IUAC finds the amount as “absurdly low”. The decision of the IUAC on quote for being “absurdly low” shall be final. These charges once fixed will remain fixed for the entire duration of the contract or for period of subsequent extension(s) and will not vary with the wages, minimum or otherwise.

### **2.3.4 Decision on reason ability of rates:**

(i) IUAC reserves right to take a view on the reason ability of the amount of all rates and overhead & profit charges. The decision of the Centre in this regard shall be final and binding. No representation will be entertained and replied to.

(ii) If the Centre considers that the rates quoted by the bidder is not feasible, such tender shall be treated as non-responsive and the tender with the next higher rate shall be evaluated and this

process will be iterated till a tender with reasonable rates is found and the work will be awarded to such bidder only.

### **2.3.5 Bid Opening and Evaluation of Bids**

#### Opening of Bids

1. The E-bids shall be opened on-line. The technical bids will be evaluated to shortlist the eligible bidders. The technical bids of only eligible bidders shall be considered for further processing (technical evaluation).
2. 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.
3. IUAC will open commercial bids of only the technically qualified/short-listed bids.
4. 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
5. 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.
6. On opening of bids on-line, accepting the bid would not mean that the firm is technically or financially qualified.

### **2.4 Earnest Money Deposit:**

EMD @ 2% of total estimate value Rs.1,12,000- (Rupees One Lakh Twelve Thousand only) 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. 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 C form subject to conditions given below: -

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

**2.5 Validity of Tender:** The Tender shall be valid for our acceptance without any change in rates and NIT conditions for a period of **90** days from the date of submission of price bid.

### **2.6 Duration of Contract:**

- (i) Initial period for providing services as per the tender documents shall be valid for a period of one year with a provision to extend for further maximum two successive years upon satisfactory performance and mutual consent on the same rates, terms and conditions as agreed to, for the initial period.
- (ii) The contract time shall be reckoned from the date of issue of letter of acceptance or the specific date indicated in the letter of acceptance.

**2.7 Scope of Work:** Detailed scope of work, special terms and conditions of this contract, equipment covered and other details are enclosed with this NIT as per ANNEXURE-I to ANNEXURE-XII.

**2.8 Escalation:** Contractor will be paid actual reimbursement of the increased wages paid to his workers on the basis of increase in statutory minimum wages as announced by Delhi Govt. from time to time. Other than the above no escalation shall be paid during the entire contract period.

**2.9 Deviations:** The tenderers are advised not to deviate from the technical specifications/items, commercial terms and conditions, terms of payment and arbitration etc.

**2.10 Site Conditions:** The tenderer in his own interest, visit the site and familiarize himself with site conditions before quoting his rates. No Compensation on account of any site difficulties will be entertained, at a later date, after award of the works. The plant and machinery will be handed over to the contractor on “As is where is basis” and **the entire liability of smooth Operation and Maintenance of the systems will rest with the successful bidder.**

**2.11 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. SOMASUNDARA KUMAR SONTI, e-mail: [sundaram.nsc@gmail.com](mailto:sundaram.nsc@gmail.com), Phone: +91-11-24126018, 24126022.

**2.12 Terms of Payment:** The payment shall be made on submission of the bills (format to be approved by the Centre) by the contractor after due certification by the IUAC person responsible for supervision of the work in the following manner:

**For Operation & Maintenance:**

a) Monthly bill shall be raised by the contractor on successful completion of every month as per the schedule of prices quoted in ANNEXURE-XII. The contractor should submit the bill on 1<sup>st</sup> of every month. The payment shall be made after due certification by the IUAC Engineer-In-Charge responsible for supervision of the work, who may at his discretion effect deductions for non-performance or delayed/improper work. The payment will always be made by ECS after deduction of applicable Income Tax (TDS).

b) Amount towards mandatory requirements such as EPF, ESI & GST shall be paid by IUAC only on submission of the relevant authenticated documents. It is mandatory for the contractor to submit the employees wage bill along with EPF, ESI & GST receipts, ECR statement, paid wages sheet duly signed by employees and the attendance record.

c) Submission of bill/receipt on account of payment made to statutory bodies/authorities i.e., ESI, EPF & GST etc. need to be adhered with strict compliance. Non-compliance in regard to the above may lead to a penalty to be decided by the Director or the committee constituted



by Director and that shall be full and final as far as amount of release of payment to the contractor is concerned.

d) There should not be any deductions e.g., advance etc. from the employees' wages in the Wages Sheet except for absentees.

**2.13 Performance Security Deposit (PSD):** On award of work (LOI), the successful bidder shall furnish Performance Security Deposit in the form of Bank Guarantee (BG)/Fixed Deposit Receipt (FDR) valid for the entire contract duration plus three months equivalent to one-month charges of the awarded works within 15 days or else First Month's bill will be held as a PSD. In case of extension of contract after the first year, fresh bank guarantee/FDR for the extended period has to be submitted. Security deposit will be refunded within 3 months after completion of contract and after the agency finally settles payment/transfer of Provident Fund to all its workers deployed in the Centre during the term of the contract.

**2.14 Labour Laws:** The contractor shall abide by all the prevalent rules and regulations related to labour laws, accident, workmen compensation act, workmen insurance, ESI, EPF etc., This will be the sole responsibility of the contractor. IUAC will not be a party at any stage in any of the disputes relating to the above. In case of any liability arises due to non-conformance of labour laws by the contractor, under no circumstances IUAC will be liable for the same.

**2.15** All the manpower deployed at site by the contractor should be given one weekly off in every 7 days or as many Sundays in any given month. If in case they are performing reliever's duty, they should be paid extra for the same by the contractor. In addition to the above, 3 National Holidays (26<sup>th</sup> Jan, 15<sup>th</sup> Aug. & 2<sup>nd</sup> Oct.) and any special mandatory holidays as declared by Govt. of India from time to time should also be given to the manpower and the same shall be reimbursed by IUAC.

**2.16 Minimum Wages:** The monthly wages to be paid to the personnel shall never be less than the minimum wages decided by the labour department of Govt. of Delhi from time to time in addition to benefits like EPF/ESI calculated on total monthly wages (not on any part of wage). In case of revision in wage by Labour Department of Govt. of Delhi from time to time, the difference shall be paid on submission of paid wage sheet. If contractor wishes to pay more than the minimum wages to his manpower, the same should be taken into account in his overhead & profit component. Any other miscellaneous expenditure to be incurred by the contractor also should be taken into account in his overhead & profit component.

**2.17 Monthly Wages:** The contractor will disburse the monthly wages to his persons on last working day of each month (30<sup>th</sup>/ 31<sup>st</sup>) by NEFT / online transfer to employee's bank account. The IUAC may at its discretion depute its representative to witness the wage payment in cash. However, IUAC reserves the right to make payment of wages to contractor's persons directly in the event of receipt of any complaint from his person(s) regarding delayed payment or non-payment of wages and recover the amount so paid along with 10% overheads from the contractor's bill. Delay in making monthly wages to his staff working at IUAC will be considered as disqualification on contractor's part and this will lead to termination of the contract. In such a case, IUAC's decision will be final.

**2.18 EPF and ESI:** EPF and ESI numbers of manpower deployed at site by contractor should be furnished to IUAC along with the documentary evidence. EPF statement of all the manpower deployed by the contractor should be submitted to IUAC periodically or as and when asked for. Original ESI cards of employees should be shown to IUAC for verification and photocopies of

the same to be submitted. On the expiry of contract, contractor has to submit the clearance certificate from all the manpower deployed by him indicating no dues towards wages, EPF settlement etc., Contractor has to sign the EPF settlement papers for the people who leave the organization while working at IUAC and also after completion of the contract in our presence in case of a complaint or a dispute between contractor and his workmen.

**2.19 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 / offence on their part will attract immediate removal from site. It is mandatory for all the contractor's employees to wear badges with their company's name embossed on the same and display it.
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 acknowledgement 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 Contractor's persons will not be permitted to undertake any private jobs in the IUAC Campus.

10. 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.

**2.20 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.

**2.21 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.

**2.22 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.

**2.23 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.

**2.24 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)

Company Seal

**SPECIAL CONDITIONS OF THIS CONTRACT**

1. The special conditions of contract shall be read in conjunction with the General conditions of the contract and all other documents forming part of this contract. Notwithstanding the sub divisions of the document into these separate sections, every part of each shall be deemed to be supplementary to and complementary of every other part and shall be with and into the document as far as it may be applicable to do so.
2. Where any portion of the general conditions of the contract is at variance with any provision of special conditions of contract, then unless a different intention appears, the provision of special conditions of contrary shall be deemed to override the provisions of general conditions of the contract and shall be to the extent of such variance prevail.
3. Wherever it is mentioned in the tender documents that the contractor shall perform certain works or provide certain facilities, it is understood that the contractor shall do so at his cost, being deemed to be part of the relevant item in the schedule of rates whether expressly stated or not.
4. All works shall be carried out with due regard to convenience of the occupants for its normal functioning. For arrangement/shutdown work within IUAC, instructions of the Engineer-in-charge shall be strictly observed.
5. All work shall be done in a neat workmanlike manner. All debris must be cleaned and disposed off. No extra cost shall be paid on this account.
6. **LOCATION:** The IUAC campus is located on Aruna Asaf Ali Marg, near Kishangarh village, Vasant Kunj, New Delhi-110067, on the way to Fortis Hospital Vasant Kunj from Ber Sarai.
7. The contractor has to ensure the promptness in service and this is basically the essence of the contract. The contractor has to ensure 99% uptime of the system. All endeavour will be made by the contractor to restrict to preventive maintenance and unforeseen outages will be kept to the minimum.
8. While all efforts will be made to complete the maintenance activities in the normal hours. If the situations so warrant that the maintenance has to be done beyond the normal hours, the same will be done by the contractor at no extra cost to IUAC.
9. Log - Book supplied by IUAC will be maintained by the operator in- charge in each shift. The readings for the previous day will be got countersigned on the subsequent day by the Engineer - in Charge.
10. The maintenance log book will be filled each day by the concerned supervisor of the successful bidder, mentioning the details of the activities carried out during the day and the materials consumed in each maintenance activity. This maintenance logbook will also be countersigned on the subsequent day by the engineer - in charge.
11. All the spares required in Water System & STP O&M contract will be provided by IUAC.
12. The Water System & STP are 24 hour per day operating plants through-out and the site working has to be accordingly arranged by the contractor all the year including Sundays and Holidays. Furthermore, the maintenance gang has to be so arranged by you that it is geared up / available for breakdown maintenance work 24 hours of the day.

13. Inside water conditions will be maintained as per directions of the Engineer-In-Charge, but within design parameters.

14. **Supply of Manpower:** The plant and equipments will be manned by operators and mechanics having adequate skill and knowledge.

The contractor shall have to deploy the following minimum manpower during the period of contract:

S. No.	Details	Category	Nos.	Qualification	Experience
	<b>General Shift</b>				
1	Supervisor	Min. Graduate and above	1	3 years Diploma in R&A/C/Mechanical/Electrical or 2 years ITI in R&A/C/Electrician	3 years for Diploma qualified 8 years for ITI qualified in Utilities or relevant
2	Senior Mechanic	Graduate and above	1	2 years ITI in pump mechanic/fitter/electrician	6 years in servicing & overhauling of pumps, panels or relevant
3	STP Operator Cum Technician	Skilled	1	2 years ITI in pump mechanic/electrician/fitter	3 years in STP/utilities or relevant
4	Plumber	Skilled	1	2 years ITI in plumbing	3 years in plumbing or relevant
5	Helper (1 No for STP and 1 No for General shift)	Un-skilled	2	10 <sup>th</sup> class	2 years in technical field
	<b>Shifts</b>				
6	Operator	Skilled	6	2 years ITI in R&A/C/pump mechanic/fitter/electrician	3 years in utilities or relevant
7	Operator (Reliever)	Skilled	1	-Do-	-Do-
8	Helper	Un-skilled	3	10 <sup>th</sup> class	2 years in technical field
9	Helper (13 Nos Reliever and 13 Nos General Duty)	Un-skilled	1	-Do-	-Do-

**Note: IUAC reserves the right to increase or decrease the manpower as per requirements during the execution of the works.**

- i) All the manpower should be got approved by IUAC before deployment at site. Documentary evidence of qualification and experience has to be furnished before deployment of manpower.
- ii) Please note that category chosen for Supervisor and Senior Mechanic is only for wages purpose. Qualification and experience will be as per S. No. 1&2.

iii) There should be three (3) shifts in a day equally spaced. Each shift should be manned by minimum Two Operators and One Helper for Water System Ph-1,2&3 and Sewage Treatment Plant (STP). Reliever Helper will relieve shift helpers and work in general shift for rest of the days. General shift should be manned by minimum One Supervisor, One Senior Mechanic, One STP Operator Cum Technician, One Plumber and Two Helpers. Deployment of manpower to various plants and areas is depending upon the need and requirement. All the manpower including operators and helpers should be ready to work at any plant/area of the subjected work.

iii) Contractor may have to deploy additional maintenance gang depending upon the requirement, which should be geared-up for 24 hours breakdown maintenance works, in-addition to minimum manpower as mentioned above without any extra cost to IUAC.

#### **15. Deductions / Penalty:**

i) Wage will be deducted for each unattended duty in General shift duty. If employee is absent for more than 2 days, contractor should immediately make an alternative arrangement. Shift duties should never be left un-attended under any circumstances and the operator/helper has to continue the duty till the arrival of reliever.

ii) If the maintenance activities are not carried out as per the response time indicated in the ANNEXURE-XI, suitable deductions on proportionate basis will be made from contractor's bills and the Centre reserves the right to determine the amount in question.

iii) If the breakdown activities (interruption in the plant operation) are not attended to on emergency basis, deductions at our discretion will be affected from contractor's bills instead of response time indicated in the ANNEXURE - XI.

iv) The Centre reserves the right to get the preventive/breakdown maintenance works done by some other source if the contractor is not attending to the same. In such cases, the cost involved, overheads + penalty for the same will be debited from contractor's bills.

v) In case of non-availability of sufficient consumables/tools/instruments, contractor's site Supervisor shall be given a time of 24 hours to arrange the same. If contractor fails to comply, IUAC shall arrange the same on its own and recover expenditure from the contractor along with 10% departmental charges.

vi) Cleaning/Clearing of waste material/ debris etc. from the repair/work site will be the responsibility of the Contractor. Noncompliance of this will also lead to imposition of fine Rs.100/-for each occasion on the contractor, which will be deducted from his bill.

vii) Safety shoes and uniform is mandatory and same shall be arranged by the contractor within 15 days of taking over site. In case of failure to adhere the same may be arranged by IUAC and will be recovered from Contractor.

**16. Consumables:** Supply of all consumable items (as per Annexure-X) is required for day-to-day operation and maintenance work. They are deemed to be included in contractor's scope and to be quoted separately in item no.5 of ANNEXURE – XII.

**17. Tools & Tackles:** The contractor will provide all necessary tools, fixtures, equipments, measuring instruments (as per ANNEXURE-IX) or if any extra required for smooth operation and maintenance work. Safe custody of all such T&P will be contractor's sole responsibility. They are deemed to be included in contractor's scope and to be quoted separately in item no.6 of ANNEXURE–XII.

**18. Safety Shoes:** The contractor will provide one pair of **Safety Shoes** of Liberty make Art. No. 7198-01 (N) /Bata/Action or equivalent make to each of the employee deployed at site including one pair of socks. The make/model no. of shoes should be got approved by us before procurement of the same. In the event of extension of contract after first year, fresh pair of safety shoes to be provided to each employee deployed at site. They are deemed to be included in contractor's scope and to be quoted separately in item no.6 of ANNEXURE–XII.

**19. Uniform:** The contractor will provide 2 pairs of uniform to each of the employee deployed at site including stitching charges and 1 full Sweater for winter. The quality/colour of the uniform should be got approved by us before procurement of the same. In the event of extension of contract after first year, fresh pair of uniform (2 pairs) and 1 sweater to be provided to each employee deployed at site. They are deemed to be included in contractor's scope and to be quoted separately in item no.6 of ANNEXURE–XII.

20. The work shall be carried out as per the norms set by the manufacturer of respective equipment, specification and specific instructions as may be issued by the IUAC's representative responsible for work from time to time.

21. Contractor should depute a qualified supervisor dedicated for this site, who will co-ordinate work execution activities and interact with IUAC representative responsible for supervision of work.

22. Watch and Ward of entire Water System Ph-I, II&III and STP installation till the system is taken back by IUAC shall be the sole responsibility of the contractor and pilferage, if any, shall be entirely to his account.

23. This contract is **TECHNICAL IN NATURE AND NOT A LABOUR SUPPLY CONTRACT**. Therefore, managing all the affairs of the Water System, STP and the associated sub-systems in a responsible and dedicated manner will be entirely the responsibility of the bidder who is awarded the works. Contractor cannot take the plea of minimum manpower deployed at site and escape from the overall responsibility. If necessary, contractor has to depute additional manpower for preventive/breakdown maintenance activities without any extra cost to IUAC.

**24. The contract will be initially awarded for one year period. However, the contract may be renewed for successive years depending upon the performance in previous year and by mutual agreement. There is no binding on Centre to renew the contract after first year.**

**25. The successful bidder should depute two responsible people one week before actually taking over the system to get acquainted with the system without any extra cost to Centre.**

**26 MINIMUM WAGES:**

- i) Minimum wages shall be as per “National Capital Territory of Delhi Govt.”, Employees Provident Fund (EPF) and ESI applicable on minimum consolidated wage. The monthly wages to be paid to the personnel shall never be less than the minimum wages decided by the labour department of Govt. of Delhi from time to time in addition to benefits like EPF/ESI calculated on total monthly wages (not on any part of wage). In case of revision in wage by Govt. of Delhi from time to time, the difference shall be paid on submission of paid wage sheet. If contractor wishes to pay more than minimum wages to his manpower, the same may be paid from overhead & profit component.
- ii) Total monthly amount will be revised on increase/decrease of minimum wages as per notification of the Govt. of (National Capital Territory) NCT of Delhi and as per manpower strength.
- iii) Site Engineer/Supervisor shall be paid a monthly salary at least of the category ‘supervisory staff (graduates and above) category’ with all additional benefit such EPF & ESI etc.

- iv) Amount towards mandatory requirements such as EPF & ESI shall be paid only on submission of the relevant authenticated documents. It is mandatory for the contractor to submit the employees wage bill along with EPF & ESI receipts, ECR statement, paid wages sheet duly signed by employees and the attendance record.
- v) On deployment of worker(s), within two months, the contractor will provide Universal Account Number (UAN) for Provident Fund remittances along with other relevant details to the workers concerned and to the Centre for verification. Non-compliance of the foregoing requirements may lead to withholding of monthly payment of contractor besides other punitive measures as deemed fit to the Centre.
- vi) **EPF and ESI:** EPF and ESI numbers of manpower deployed at site by contractor should be furnished to IUAC along with the documentary evidence. EPF statement of all the manpower deployed by the contractor should be submitted to us periodically or as and when asked for. Original ESI cards of employees should be shown to IUAC for verification and photocopies of the same to be submitted. On the expiry of contract, contractor has to submit the clearance certificate from all the manpower deployed by him indicating no dues towards wages, EPF settlement etc., Contractor has to sign the EPF settlement papers for the people who leave the organization while working at IUAC and also after completion of the contract in our presence in case of a complaint or a dispute between contractor and his workmen.
- vii) Submission of bill/receipt on account of payment made to statutory bodies/authorities i.e., ESI, EPF, Service Tax/GST etc. need to adhere with strict compliance. Non-compliance in regard to above may lead a penalty of Rs.5,000/- and Director's decision will be full and final as far as release of payment to the agency is concerned.
- viii) Contractor shall not make any deductions e.g., advance etc. from the employee's wages in the Wages Sheet except absenteeism.

## **27. MONTHLY WAGES:**

- i) The monthly payment of wages to the manpower shall be made directly by the contractor on last working day of each month (30<sup>th</sup>/ 31<sup>st</sup>) and no amount shall be deducted from the wages of the workmen by way of the commission. The wages should always be paid through ONLINE bank transfer directly to the worker's bank account.
- ii) IUAC may at its discretion depute its representative to witness the payment. In case contractor fail to make above payment IUAC reserves the right to deduct the amount from monthly bills and make payment to the workmen and recover the amount so paid along with 10% overheads from the contractor's bill.
- iii) **Delay in making monthly wages to his staff working at IUAC will be considered as disqualification on Contractor's part and this will lead to Termination of the Contract. In such a case IUAC's decision will be final.**

## **28. ROUTINE OPERATION AND MAINTENANCE WORKS**

- i) The contractor has to ensure the promptness in service and this is basically the essence of the contract. The contractor has to ensure close to 100% up time of the systems. All endeavors will be made by the contractor to restrict to preventive maintenance and unforeseen outages will be kept to the minimum.



- ii) Inside room conditions will be maintained as per directions of the Engineer - in charge, but within design parameters. The WATER SYSTEM is a round the clock, 24 hour per day, operating plant, all round the year and the site working has to be accordingly arranged by you all the year-round including Sundays and Holidays. Furthermore, the maintenance gang has to be so arranged by you that it is geared / available for breakdown maintenance work 24 hours of the day.
- iii) There should be three shifts in a day equally spaced. Each shift should be manned by one operator and one helper. Reliever operator/helper will relieve shift operator/helper and will work in general shift for the remaining days of the month (i.e., general shift - 13 days a month). General shift should be manned by minimum 1no. Technician Cum Supervisor, 1 no. R&AC Mechanic, operator-reliever for 13 days and Helper-reliever for 13 days. IUAC reserves the right to increase or reduce the strength according to requirements during the contract
- iv) General shift shall be from 9:00am to 6:00 pm except Sundays as it will be 'off' day for general shift personnel. Saturdays and public holidays shall be working days for all the general shift personnel. National holidays will be 'off' days for all the general shift personnel. Supervisor may avail 'off' on public holidays solely at discretion of Engineer-in charge. Engineer-in charge at his discretion may make changes in the general shift timings as per the site requirements.
- v) In addition to the above, three National Holidays (26<sup>th</sup> January, 15<sup>th</sup> August and 2<sup>nd</sup> October) and any special mandatory holidays as declared by Govt. of India from time to time should also be given to the manpower. The amount to be incurred by the contractor towards this will be reimbursed by IUAC in respective months.
- vi) In case of Supervisor proceeding on leave, Contractor must make prior alternate arrangement for the same and duties shall not be unattended.
- vii) Site working has to be arranged by the contractor all the year-round including Sundays and Holidays. Furthermore, the maintenance gang has to be so arranged by the contractor that it is geared / available for breakdown maintenance work 24 hours of the day. Contractor may have to deploy additional maintenance gang depending upon the requirement, which should be geared-up for 24 hours breakdown maintenance works, in-addition to minimum manpower specified.
- viii) While all efforts will be made to complete the maintenance activities in the normal hours, yet if the situations so warrant then the maintenance has to be done even beyond the normal hours without any extra cost. All manpower proposed to be deployed should be got interacted and approved by Engineer-in-charge before deployment at site. Documentary evidence of qualifications and experience to be furnished before deployment of manpower.
- ix) The successful bidder should depute two responsible people one week before actually taking over the system to get acquainted with the system without any extra cost to IUAC.

**29. SUFFICIENCY OF TENDER:** The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates stated in the schedule of rates, which shall cover all his obligations under the contract and all matter and things necessary for proper completion of works.

**30. PAYMENT:** Refer clause 2.12 of Commercial & General Conditions of Contract.

**31. SAFETY AND SECURITY RULES GOVERNING THE CONTRACTOR'S EMPLOYEES WORKING IN THE CENTRE'S PREMISES:**

- i) Contractor shall take all necessary precautions and abide by relevant rules of safety including explosive rules and regulations and such other rules and regulations framed for working in industrial /office/residential setups. The contractor shall also take such other additional precautions and the Engineer-in-charge may direct resort to such other additional safety measures from time to time.
- ii) The contractor shall be responsible to enforce in his workforce strict discipline and safety consciousness required to be observed in official atmosphere and shall ensure that the work is carried out under constant supervision by competent supervisors who are adequately informed and experienced for handling the work in such an environment.
- iii) Without prejudice to the generality of the provisions under “Rules governing the Contractor's employees working in the Centre's premises” contractor shall take necessary precautions to ensure that no damage, whatsoever is caused to the existing things, facilities within the working area. In case contractor fails to adhere to this stipulation and if damage to the facilities results due to his manpower's negligence, the contractor shall be held responsible to compensate IUAC for such damage caused, as assessed by the Engineer-in-charge.
- iv) The contractor's employees working in the IUAC campus shall abide by the rules of IUAC. Any damage to the IUAC's property due to mishandling, carelessness etc. on the part of contractor or his workmen will be recoverable from the contractor's bills.
- v) 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 acknowledge slip of police verification for manpower.
- vi) 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 / offence on their part will attract immediate removal from site. It is mandatory for all the contractor's employees to wear badges with their Co's name embossed on the same and display it.
- vii) The contractor will provide all necessary tools, equipment, measuring instruments etc. (as per ANNEXURE-IX), needed for smooth operation and maintenance. Safe custody of all such items will be contractor's sole responsibility. No extra charges will be paid for the same.
- viii) Watch and Ward of Water System Ph-I, II & III and 150 KLD STP installations till the system is taken back by IUAC shall be the sole responsibility of the contractor and pilferage if any shall be entirely to his account.
- ix) The maintenance work shall be carried out as per the norms set by the manufacturer of respective equipment, specification and specific instructions as may be issued by the IUAC's representative responsible for work from time to time.
- x) During the 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.
- xi) Manpower deployed by the contractor at our site for carrying out contracted works is strictly prohibited being associated with any other works other than the O&M works on the campus.

- xii) 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 IUAC.
- xiii) 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.
- xiv) If any Contractor's person is found to be misbehaving or found to be negligent in the duties assigned to him IUAC reserves the right to seek his removal from IUAC with immediate effect and contractor shall have to provide suitable replacement within 24 hours.
- xv) Under no circumstances the contractor will be permitted to sublet his work to another contractor, while working at IUAC. Likewise, the Contractors persons will not be permitted to undertake any private jobs in the IUAC Campus.

### **32. STATUTORY OBLIGATIONS**

- i) The monthly wages to be paid to the personnel shall never be less than the minimum wages decided by the Delhi Administration from time to time in addition to benefits like EPF/ESI calculated on total monthly wages (not on any part of wage). In case of revision in wage by Labour Department of Delhi Govt. from time to time and the same shall be applicable with effect from the date of revision.
- ii) All statutory obligations under various laws as may be applicable to the contractor labour from time to time will have to be met with by the contractor for which no extra payment shall be made to him at any time during the contractual period.
- iii) In case of labour unrest/ dispute arising out of non-implementation of any law, the responsibility shall solely lie with the contractor and he shall remove/resolve the same satisfactorily at his cost and risk.
- iv) **EPF & ESI:** Documents related to EPF and ESI of the manpower deployed at site by contractor should be furnished to IUAC. EPF statement of all the manpower deployed by the contractor should be submitted to IUAC periodically or as and when asked for. EPF/ ESI statement must be issued to individual workman at the end of financial year. Original ESI cards of employees should be shown to IUAC for verification.
- v) **BONUS to manpower:** Contractor shall disburse the bonus to its workers as per latest **Government of India Payment of Bonus Act**. Reimbursement will be done as per actuals after disbursement of the same. However, no other charges will be paid or applicable.
- vi) On the expiry of contract, contractor has to submit the clearance certificate from all the manpower deployed by him indicating no dues towards wages, EPF settlement etc., Contractor has to sign the EPF settlement papers or the people who leave the organization while working at IUAC and also after completion of the contract in our presence in case of a complaint or a dispute between contractor and his workmen.
- vii) Notice showing rate of wages must be displayed at work place. Other register maintained by contractor as per Delhi contract labour regulations like muster role, register of wages, register of deduction, register of overtime, register of fines, register of advances etc. applicable to contractor.

**33. INSTRUCTIONS TO THE TENDERERS FOR FILLING PRICE BID (IN ANNEXURE-XII):**

- i) **Ref S. No. 1-3: Quote for round the clock Operation and Maintenance** of Water System Ph-I, II & III and 150 KLD STP is based on the total minimum charges required towards providing minimum manpower as per clause: 14 considering the present minimum wages as notified by Delhi Govt. w.e.f. 01.10.2021 along with EPF & ESI. The bidders have to fill the rates for charges towards Monthly Wages (**monthly reserve price for item #1 of BOQ shall be minimum Rs. 314009/-**) as per clause 26 of Contract. Bids with lower rates than reserve price against this item shall be rejected.
- ii) **Ref S. No. 6:** The bidders have to fill the rates for charges towards tools & tackles safety shoes and uniform (**monthly reserve price for two sets of uniform and one pair of safety shoes is estimated to be minimum Rs. 5000/-**) as per clause 16, 17, 18 & 19 of Contract. Bids with lower rates than reserve price against this item shall be rejected.
- iii) **Ref S.No.7: Quote overhead and profit charges adhering strictly to clause no 2.3 and all sub clauses of NIT. Price bid violating to this clause will be subjected to rejection.**

**34 ATTENTION OF ALL THE BIDDERS IS DRAWN TO THE FACT THAT THIS CONTRACT IS TECHNICAL IN NATURE AND IS NOT A LABOUR SUPPLY CONTRACT AND THEREFORE MANAGING ALL THE AFFAIRS OF THE WATER SYSTEM Ph-I, II & III AND 150 KLD STP INSTALLATIONS AND THE ASSOCIATED SUB-SYSTEMS IN A RESPONSIBLE AND DEDICATED MANNER WILL BE ENTIRELY THE RESPONSIBILITY OF THE BIDDER WHO IS AWARDED THE WORKS. CONTRACTOR CAN NOT TAKE THE PLEA OF MINIMUM MANPOWER DEPLOYED AT SITE AND ESCAPE FROM THE OVERALL RESPONSIBILITY. IF NECESSARY, CONTRACTOR HAS TO DEPUTE ADDITIONAL MANPOWER FOR PREVENTIVE/BREAKDOWN MAINTENANCE ACTIVITIES FROM TIME TO TIME FOR WHICH NOTHING EXTRA SHALL BE PAID BY IUAC.**

Signature of the Bidder

(Name and Address of the Bidder)

Company Seal

**SCOPE OF WORK (WATER SYSTEM Ph-I):**

The following scope of work is only indicative and contractor is strongly advised to use his own judgement in evaluating the quantum of work involved in Round the clock Operation and Maintenance of Potable Water Systems, Processed water Systems, Lab Cooling Water Systems, Horticulture Water Systems for the laboratory and Housing Complex besides the 25 acre estate etc., The bidder is strongly advised to understand the criticality of the application and the importance of maintaining more than 95% of uptime of the systems.

1. To operate the Water System of Phase-I complete with equipments as per Annexure - III round the clock throughout the year (365 days of the year with three shift operation). The water system comprises of potable water system complete including utility building-I, lab complex, hostel block, flatlet blocks, hostel, dining hall, auditorium, residential complex consisting of 4 flats of Type VI (Parijat), 12 flats of Type V (Kalpataru), 12 flats of Type IV (Kamadhenu) and 8 flats of Type II (Sumeru) etc., Processed water system no. 1 and system no. 2 circulating controlled temperature of 20 degree centigrade water and of desired water quality, lab cooling water supply system, horticulture water supply system (approximately 4000 meters in length) spread over a campus area of 25 acres and other associated sub-systems. (Kindly note that operation of potable water supply system and the horticulture water supply system is tricky due to elevation differences of the campus terrain and the same involves manipulation of valves and a considerable effort on the part of the operators).
2. To operate/maintain 200 LPH Reverse Osmosis (RO) plant. However, this plant is under AMC with OEM.
3. To manually fill RO treated water daily by carrying in jerry cans from the plant room I (EL.254m.) to tower block (EL298.6m) as and when required so as to keep the SS Tank on EL 298.6 always full of water.
4. To check and clean all electrical controls monthly by using CTC by an Electrician. To tighten all electrical controls and rectification of the same as and when required including all panel work, cabling work, fresh cable terminations in-case of burning of the same etc.,
5. To check and clean water strainers etc., monthly or less depending on the requirement.
6. To check the performance of operational safeties and replace if necessary.
7. To check and clean (descale) heat exchangers as and when required but at least once in six months (the chemicals have to be arranged by the contractor at his own cost).
8. To tighten the foundation bolts monthly.
9. To check and rectify rotary equipment alignment once in three months at least or as and when required. The alignment has to be checked and rectified using three dial gauges and precision level and by fabricating suitable rigid alignment fixtures. The fixtures and the measuring instruments have to be furnished by the contractor and the alignment accuracy has to be + and - 0.05 mm on the radial and axial and level should be within ½ degree.

10. To check and replace the bearings and other spares in all the machines as and when required as per the preset preventive maintenance schedule. The preventive maintenance schedule has to be furnished by the contractor on award of the works and has to be duly concurred and approved by the concerned engineer-in charge.
11. To attend to repairs on the mechanical equipment such as pump-sets, piping, centrifugal pumps, submersible pumps, monobloc pumps, valves etc., including minor and major overhauling.
12. To lubricate motor/pumps, bearings as and when necessary and not later than at least once in three months.
13. To check electrical circuits and rectify the same by a qualified electrician as and when necessary. To clean and tighten all the electrical points.
14. To check holding (valve passing) of all valves (approx. 400 nos.) in the system and descale them as and when required (descaling chemicals have to be arranged by the contractor).
15. To check and top-up / replace lubrication oil from the pump sump.
16. To attend to GI/MS/SS pipe leakages by threading/tightening/welding. Welder and welding machine should be arranged in a short notice of 2-4 hours depending upon the urgency of work involved.
17. To cut appropriate size gaskets from sheets as and when required.
18. To ensure adequate water level in all the tanks in all the overhead/underground systems as mentioned in item no.1.
19. To operate the DJB water valve as and when required. To draw DJB water into the IUAC underground RCC reservoir and keep a record of daily water drawn. To supply DJB water to housing as per the timings decided by Engineer-in-charge.
20. To clean / flush / disinfect all housing and lab sintex tanks and RCC tanks once in three months. Underground raw water RCC tanks should be cleaned once in six months.
21. To provide and operate additional water connections to the different labs / beam lines and beam hall etc.,
22. To clean the Y strainers, coils and associate piping of all magnets, quadrapole, power supplies inside the lab block, beam hall, vault area and the tower block and to descale the same as and when required.
23. To operate the raw water pumps to feed the raw water during the softener regeneration, expansion tank filling and cooling tower tank filling.

24. To attend to the plumbing complaints related to fresh water in the housing, lab block, hostel, guest house, flatlet-I&II, dining hall, auditorium etc. To clear the choking in GI piping by using pressure pump or by any other means. Pressure pump has to be arranged by the contractor.
25. To attend to the plumbing complaints related to RO Water Purifiers / water coolers.
26. To attend to minor extension of the GI pipe lines up to 2 1/2" diameter on a single work not exceeding 18 meters.
27. To replace the Borewell pumps as and when required by lifting the entire piping length and putting back including the recommissioning of the borewell pump. The tripod and chain pulley block, slings, shackles etc., for the same have to be arranged by the contractor free of any cost to IUAC.
28. To empty the horticulture water tanks of all the water. These water tanks house treated sewage water and the tanks have to be organised to be emptied only on the Saturday night or early hours of Sunday. The tanks have to be cleaned off all the muck. In the process the foot valves of all the pumps also have to be cleaned. It should be done in all the Sundays of the month and each of four tanks should be cleaned at least once in a month but as and when required. The muck thus cleaned has to be dispensed in suitable location outside the campus. **Please note that use of manual labour for the above is strictly prohibited as per Govt. guide lines and it should be done by Mechanised cleaning only.**
29. To properly clean all equipments and machines daily.
30. To do maintenance on all water lines including attending to leakages by threading / tightening /welding.
31. To operate and maintain 2 nos. submersible sewage pumps/monobloc pumps situated near Borewell#5 along with electrical panels, control systems, valves, piping etc.,
32. To manually fill RO treated water daily by carrying in jerry cans from plant room phase I (RO plant) to various portable closed-loop cooling systems situated at various locations in the lab building.
33. To attend to repairs on monobloc pump sets used in portable closed-loop cooling systems.
34. To attend to repairs on motors & monobloc pump sets installed in high vacuum furnace and SPL laboratories.
35. To attend to the servicing and maintenance of Electro-Pneumatic valves used in GDA & INGA LN2 Auto filling systems. Also,
36. to help in piping and plumbing works connected to the above systems.
37. To get the spares issued from IUAC stores and to help in maintaining spares inventory
38. To maintain log books in each shift to be provided by IUAC.

39. For the above scope of work IUAC will provide the following free of any charges to the contractor.

a) Free water and electricity for operation of the plant.

b) All spares required to maintain the plant and those that are going permanently into the installation.

c) IUAC will pay for additional charges for machining jobs, workshop repairs, and motor burnouts as and when necessary.

d) IUAC will provide gate passes to the contractor personnel. However, for the lost passes etc., general terms and conditions of IUAC may be referred to.

Signature of the Bidder

(Name and Address of the Bidder)

Company Seal



**DETAILS OF EQUIPMENT COVERED UNDER SCOPE OF WORK (ANNEXURE - II)**

<b>S.No.</b>	<b>DESCRIPTION</b>	<b>QTY.</b>
1.	Khimline make CC-80-200 model <b>Raw Water</b> Pumps Q-36 CMH H-45 M, RPM-2900 with GEC make 11 KW/15 HP Motor	02
2.	Kirloskar make DB/50/20 model <b>Raw Water</b> Pump Q-10 l/s H-45 M, RPM-2900 with GEC make 11 KW/15 HP Motor	01
3.	Khimline make CC-40-200 model <b>Lab Cooling Water Supply</b> Pumps Q-10 CMH, H-40 M, RPM-2900 with GEC make 3.7 KW/5 HP Motor	02
4.	Khimline make CC-40-160 model <b>Lab Cooling Water Return</b> Pumps Q-10 CMH, H-25M, RPM-2900 with GEC make 2.2 KW/3 HP Motor	02
5.	Khimline make CC-40-250-06 model <b>Accelerator Cooling Water</b> Pumps Q-15 CMH, H-70M, RPM-2900 with GEC make 9.3 KW/12.5 HP Motor	02
6.	Khimline make CC-40-200-05 model <b>Accelerator Cooling Water</b> Pumps Q-5 CMH, H-45M, RPM-2900 with GEC make 3.7 KW/5 HP Motor	02
7.	Monobloc Beacon Weir 1-1/2 DM, 8HD, 3HP Sewage Water Pumps	03
8.	Monobloc Beacon Weir 1-1/2 DM, DMB, 5HP Sewage Water Pumps	08
9.	Monobloc Crompton 1 HP De-ionised Water Pump	02
10.	Monobloc 0.25 HP Water pump Sharp make	06
11.	Monobloc 0.50 HP Water pump Sharp make	06
12.	Closed-loop cooling systems with pump and piping	09
13.	Processed Water SS Piping with associated valves in Beamhall, Vault, EL 256m. etc.,	Lot
14.	Processed Water SS Piping with associated valves in Ion Source Room	Lot

15.	Raw Water (Potable Water) piping of approximately length 1800 meters with associated valves	Lot
16.	Gardening Water tanks of different capacities	06
17.	Sewage treated horticulture water hydrants and distribution Piping of approximate length 4000 meters from the sewage treated horticulture water tanks to the hydrants with associated valves and fittings	Lot
18.	Monobloc Beacon Weir Booster Pump for Ion-source Potable Water, 5 HP	01
19.	RO plant of 200 Lts./hr capacity along with sub systems	01
20.	Submersible Sewage Pumps of 3H.P, 415 V,15 CMH, 9M Head along with electrical panels, pipes etc.,	02
21.	Heat Exchangers to cater to approximately 117 TR	02
22.	Kent make RO Water Filters piping	Lot
23.	Control circuit consisting of 3-way valve, modulating Motor and controller to control processed water temperature of 20 Deg. Centigrade	02
24.	Borewells of approximate 400 feet depth comprising of 3 HP and 6 HP submersible pumps with associated control panels, water meter, NRV, piping, submersible cable, wire rope sling etc.,	02
25.	Borewells of approximate 200 feet depth comprising of 3 HP submersible pumps with associated control panels, water meter, NRV, piping, submersible cable, wire rope sling etc.,	02
26.	Borewells of approximate 200 feet depth comprising of 5 HP submersible pumps with associated control panels, water meter, NRV, piping, submersible cable, wire rope sling etc.,	02
27.	DJB water line 4 inches of approximate 75-meter length with associated valves, water meter etc.,	Lot
28.	RCC potable water storage tanks with associated valves, Drain lines, float valves, level indicators, level switches etc.,	

Raw Water Tank - 181 cum	02
Lab Building - 65 cum	01
Utility Building - 22.5 cum	01
Dining Hall - 10 cum	01
Flatlet#1 - 3 cum	03
Flatlet#2 - 3 cum	03
Horticulture Tanks - 9 cum	06
Parijat - 5 cum	04
Kalpataru Block - 5 cum	03
Kamadhenu Block - 5 cum	03
SS tanks - 1.5 cum	05
Sintex Tank - 500 Litre	14
Sintex Tank - 1000 Litre	36
Sintex Tank – 5000 Litre	06
Sintex Tank-3000 Litre	01
29. Magnets	17
30. Quadrapoles	12
31. Power Supplies	15
32. Motor Control Centre designated as MCC-I, MCC-II, MCC-III and MCC-IV	04
33. Motor Control Centres for Borewell Pumps	06
34. Motor Control Centers for Horticulture Water Pumps	06
35. High Vacuum Furnace Cooling Tower Motor KW-5.5, HP-7.5 RPM-1425, 415 V, Alstom Make	01
36. Fume hood blower Motor H.P-7.5, 1450 RPM, Bindustan make	01
37. Monobloc Water pumps Type KDS 538+, HP-5, KW-3.7	

	RPM-2870, Kirloskar Make for High Vacuum Furnace	02
38.	Monobloc Water pump Minimaster-II, HP-0.5 RPM-2870, Crompton Make for High Vacuum Furnace	01
39.	All internal and external water piping and associated valves in residential housing, flatlets (24 nos.), hostel (12 nos.), dining hall and lab complex etc.,	Lot
40.	Any other equipment connected with Water System Ph-I	Lot

(Any minor modification/addition of equipments during the contract period to be maintained in the same cost till it does not involve additional manpower)

Signature of the Bidder

(Name and Address of the Bidder)

Company Seal

**SCOPE OF WORK (WATER SYSTEM Ph-II&III):**

The following scope of work is only indicative and contractor is strongly advised to use his own judgement in evaluating the quantum of work involved in Operation and Maintenance of Potable water systems, soft water systems, Liquid Helium Cooling water systems, Lab Cooling Water Systems (3 nos.), Horticulture water systems for the laboratory etc., The bidder is strongly advised to understand the criticality of the application and the importance of maintaining more than 95% uptime of the system.

1. To operate the Water System of Phase-II&III complete with equipments as per Annexure - V, round the clock throughout the year (365 days of the year with three shift operation). The water system comprises of potable water system complete including utility building-II&III, 24 flats of Type IV (Kamadhenu), 16 flats of Type II (Sumeru II) and 16 flats of Type II (Sumeru III), new guest house consisting of 30 rooms, Liquid Helium Cooling water system of approx. 400TR cooling capacity, Lab Cooling Water System of approx. 115TR cooling capacity in Ph-II, Lab Cooling Water System of approx. 80TR cooling capacity in Ph-3, Lab Cooling Water System of approx. ~300TR cooling capacity in Beamhall#III circulating a controlled temperature of 20 Deg. Cent. and of desired water quality with work areas restricted to Utility Building-II, Liquid Helium Compressor Building, Utility Building#III, LEIB Building, Beamhall#II, Beamhall#III and other associated sub systems etc., (Kindly note that operation of potable water supply system and the horticulture water supply system is tricky due to elevation differences of the campus terrain and the same involves manipulation of valves and a considerable effort on the part of the operators).
2. To fill RO treated water at regular intervals to ensure that the Ph-2 lab cooling water return tank (6 cum) is always full. RO water has to be fed from Ph-1 Water System RO plant by operating monobloc pumps.
3. To fill RO treated water from the plant room -I (EL.254m.) to Beamhall#III as and when required so as to keep the lab cooling water return tank (1.5 cum) is always full of water.
4. To operate/maintain 50 Lts./hr Reverse Osmosis (RO) plant
5. To fill RO treated water at regular intervals to ensure that the lab cooling water return tank (2.5 cum) in Ph-III is always full.
6. To check and clean all electrical controls monthly by using CTC by an Electrician. To tighten all electrical controls and rectification of the same as and when required including all panel work, cabling work, fresh cable terminations in-case of burning of the same etc.,
7. To check and clean water strainers etc., monthly or less depending on the requirement.
8. To check and rectify / replace the performance of operational safeties monthly.
9. To check and clean (descale) heat exchangers as and when required but at least once in six months (the chemicals have to be arranged by the contractor at his own cost).

10. To tighten the foundation bolts monthly.
11. To check and rectify rotary equipment alignment once in three months at least or as and when required. The alignment has to be checked and rectified using three dial gauges and precision level and by fabricating suitable rigid alignment fixtures. The fixtures and the measuring instruments have to be furnished by the contractor and the alignment accuracy has to be + and - 0.05 mm on the radial and axial and level should be within ½ degree.
12. To check and replace the bearings and other spares in all the machines as and when required as per the preset preventive maintenance schedule. The preventive maintenance schedule has to be furnished by the contractor on award of the works and has to be duly concurred and approved by the concerned engineer-in charge.
13. To attend to repairs on the mechanical equipment such as pump-sets, piping, centrifugal pumps, submersible pumps, monobloc pumps, valves etc., including minor and major overhauling.
14. To lubricate motor/pumps, bearings as and when necessary and not later than at least once in three months.
15. To check electrical circuits and rectify the same by a qualified electrician as and when necessary. To clean and tighten all the electrical points.
16. To check holding (valve passing) of all valves in the system and descale them as and when required (descaling chemicals have to be arranged by the contractor).
17. To check and top-up / replace lubrication oil from the pump sump.
18. To attend to GI/MS/SS pipe leakages by threading/tightening/welding. Welder and welding machine should be arranged in a short notice of 2-4 hours depending upon the urgency of work involved.
19. To cut appropriate size gaskets from sheets as and when required.
20. To ensure adequate water level in all the overhead / underground tanks in all the systems as mentioned in item no. 1.
21. To pump RO treated water to required locations.
22. To operate Raw water Pump to feed the raw water during softener regeneration, expansion tank filling and cooling tower RCC tank filling.
23. To clean / flush / disinfect all housing and lab sintex tanks and RCC tanks once in three months.
24. To provide and operate additional water connections to the different labs / beam lines and beam halls etc.,

25. To clean the Y strainers, coils and associate piping of all magnets, quadrapole, power supplies inside the lab block, beam hall- II, vault area and the tower block and to descale the same as and when required.
26. To attend to the plumbing complaints related to fresh water in the housing, Utility building II, Beamhall – II, Beamhall-III, Pantry, C&D room II, Utility building III, LEIB Building, workshop, new guest house etc., To clear the choking in GI piping by using pressure pump or by any other means. Pressure pump has to be arranged by the contractor.
27. To properly clean all equipments and machines daily.
28. To do maintenance on all water lines including attending to leakages by threading/tightening/welding.
29. To maintain log books in each shift to be provided by IUAC.
30. To attend to minor extension of the GI pipe lines upto 2 1/2” diameter on a single work not exceeding 18 meters.
31. To operate on daily basis and do maintenance at least twice in a month for Electrostatic Scale Inhibitor at inlet to the Helium Compressor Heat Exchangers.
32. To get the spares issued from IUAC stores and to help in maintaining spares inventory
33. For the above scope of work IUAC will provide the following free of any charges to the contractor.
  - a) Free water and electricity for operation of the plant.
  - b) All spares required to maintain the plant and those that are going permanently into the installation.
  - c) IUAC will pay for additional charges for machining jobs, workshop repairs, and motor burnouts as and when necessary.
  - d) IUAC will provide gate passes to the contractor personnel. However, for the lost passes etc., general terms and conditions of IUAC may be referred to.

Signature of the Bidder

(Name and Address of the Bidder)

Company Seal

**DETAILS OF EQUIPMENT COVERED UNDER SCOPE OF WORK (ANNEXURE - IV)**

<b>S.No.</b>	<b>DESCRIPTION</b>	<b>QTY.</b>
1.	Kirloskar make KPD-32/26 model <b>Lab Cooling Water Supply</b> Pumps Q-3.89 l/s, H-70 M, RPM-2900 with Kirloskar make 11 KW/15 HP Motor	03
2.	Kirloskar make KPD-50/32 model <b>Liquid Helium Cooling Water</b> Pumps Q-6.67 l/s, H-23 M, RPM-1450 with Kirloskar make 5.5 KW/7.5 HP Motor	03
3.	Kirloskar make CPHM-32/26 model <b>Lab Cooling Water Supply</b> Pumps Q-18 CMH, H-100 M, RPM-2930 with Kirloskar make frame SC-180M, 22 KW/30 HP Motor	03
4.	Kirloskar make CPHM-40/26 model <b>Lab Cooling Water Supply</b> Pumps Q-27 CMH, H-90 M, RPM-2900 with Kirloskar make frame PM 160 L, 18.5 KW/25 HP Motor	02
5.	Kirloskar make KPD-20/16 model <b>Soft Water Pump</b> with Kirloskar make 0.37 KW, 0.5 HP Motor	01
6.	Micro finish make <b>Condensate Recovery Pump</b> with 1.5 KW Motor, 2900 rpm	01
7.	RO plant of 50 Lts. /hr. capacity along with sub systems	01
8.	Lab Cooling Water SS Piping with associated valves and fittings	Lot
9.	Liquid Helium Cooling Water MS Piping with MS valves and fittings	Lot
10.	Potable Water MS & GI Piping with associated valves and fittings	Lot
11.	Soft Water MS Piping with associated valves and fittings	Lot
12.	Non-chemical electrostatic scale inhibitor with associated valves and piping, size 2 ½ inch	02
13.	Monobloc Crompton 1 HP Pumps	02
14.	Heat Exchangers to cater to approximately 115 TR of cooling load	02
15.	Heat Exchangers to cater to approximately 80 TR of cooling load	02



16.	Heat Exchangers to cater to approximately 225 TR of cooling load	01
17.	Control circuit consisting of 3-way valve, modulating Motor and controller to control lab water temperature of 20 Deg. Centigrade in Ph-II	02
18.	Control circuit consisting of 3-way valve, modulating Motor and controller to control lab water temperature of 20 Deg. Centigrade in Ph-III	02
19.	Control circuit consisting of 3-way valve, modulating Motor and controller to control lab water temperature of 20 Deg. Centigrade in Beam Hall #III	02
20.	SS tanks - 6 cum	01
	- 2.5 cum	01
	- 1.5 cum	01
21.	RCC potable water storage tanks with associated valves, Drain lines, float valves, level indicators, level switches etc.,	
	RCC Tank - 20 cum	01
	RCC Tank - 6 cum	01
	RCC Tank – 4.5 cum	04
	RCC Tank - 1.5 cum	01
	Kamadhenu II Block RCC Tank- 5 cum	06
	Sumeru II Block RCC Tank- 5 cum	04
	Sintex Tank - 500 Litre	16
	Sintex Tank - 1000 Litre	04
22.	Motor Control Centers	04
23.	Magnets	13
24.	Quadrapoles	22
25.	Power Supplies	15
26.	All internal and external water piping and associated valves in residential housing Ph-II, residential housing Ph-III,	

new guest house etc.,	Lot
27. Any other equipment connected with Water System Phase- II, III and Beam Hall I#II&III	Lot
28. Kirloskar make CPHM-65/20 model Lab Cooling Water Supply Pumps Discharge- 60CMH, H-80M, RPM -2970 With Bharat Bijli make 30 KW/40 HP Motor	03

(Any minor modification/addition of equipments during the contract period to be maintained in the same cost till it does not involve additional manpower)

Signature of the Bidder

(Name and Address of the Bidder)

Company Seal

**SCOPE OF WORK (150 KLD STP):**

The following scope of work is only indicative and contractor is strongly advised to use his own judgement in evaluating the quantum of work involved in Round the clock Operation and Maintenance of 150 KLD Sewage Treatment Plant (STP).

1. To operate and maintain the 150 KLD Sewage Treatment Plant (STP) complete with equipments as per Annexure - VII round the clock throughout the year. Contractor has to ensure that Sewage Treated Water confirms to parameters as laid down by Delhi Pollution Control Committee (DPCC) or any statutory Govt. body.
2. To check and clean all electrical controls monthly by using CTC by an Electrician. To tighten all electrical controls and rectification of the same as and when required including all panel work, cabling work, fresh cable terminations in-case of burning of the same etc.,
3. To check and clean water strainers/foot valves, Tanks etc., monthly or less depending on the requirement. **Please note that use of manual labour for the above is strictly prohibited as per Govt. guide lines and it should be done by Mechanised cleaning only.**
4. To check and rectify rotary equipment alignment once in three months at least or as and when required.
5. To check and replace the bearings and other spares in all the machines as and when required as per the preset preventive maintenance schedule.
6. To attend to repairs on the mechanical equipment such as pump-sets, piping, centrifugal pumps, submersible pumps, monobloc pumps, air blowers, valves etc., including minor and major overhauling.
7. To lubricate motor/pumps, bearings as and when necessary and not later than at least once in three months.
8. To check electrical circuits and rectify the same by a qualified electrician as and when necessary. To clean and tighten all the electrical points.
9. To ensure adequate water level in all the tanks in all the overhead/underground systems as mentioned in item no.1.
10. For the above scope of work IUAC will provide the following free of any charges to the contractor.
  - a) Free water and electricity for operation of the plant.
  - b) All spares required to maintain the plant and those that are going permanently into the installation.

Signature of the Bidder

(Name and Address of the Bidder)  
Company Seal

## ANNEXURE - VII

### DETAILS OF UNITS / EQUIPMENT COVERED UNDER SCOPE OF WORK (ANNEXURE - VI)

#### CIVIL UNITS:

S.No.	DESCRIPTION	QTY.
1.	Bar Screen Pit of Size 0.3 x 1.3 x 0.3M	01 No.
2.	Oil & Grease Trap of Size 1.3 x 3.5 x 1.2M	01 No.
3.	Equalisation Tank of Size 4.0 x 4.0 x 3.2M	01 No.
4.	Fab Reactors of Size 1.3 x 1.3 x 5.0 M	02 Nos.
5.	Tube Settler of Size 2.8 x 2.2 x 2.7 M	01 No.
6.	Chlorine Contact Tank of Size 1.0 x 2.5 x 1.7 M	01 No.
7.	Filter Feed Tank of Size 1.0 x 2.5 x 1.6 M	01 No.
8.	Treated Water Tank of Size 2.5 x 2.0 x 1.7M	01 No.
9.	Sludge Drying Beds of Size 5.0 x 5.0 M	06 Nos.

#### MECHANICAL UNITS:

10.	HYPO Dosing Tank	01 No.
11.	Fab Feed Pumps	02 Nos.
12.	Filter feed Pumps	02 Nos.
13.	Fab Media	01 Lot
14.	Tube Settler media	01 Lot
15.	Air Grid for equalization tank	01 Lot
16.	Air Grid for fab reactors	01 Lot
17.	Bar Screen	01 No.
18.	V-Notch Plate	01 No.
19.	Dual Media Filter	01 No.

20.	Activated Carbon Filter	01 No.
21.	Trough Weir	01 No.
22.	Constant Head Box	01 No.
23.	Distribution Board	01 No.
24.	ICPW	01 Lot
25.	Any other equipment connected with STP	01 Lot

(Any minor modification/addition of equipments during the contract period to be maintained in the same cost till it does not involve additional manpower)

Signature of the Bidder

(Name and Address of the Bidder)

Company Seal

**LIST OF BUILDINGS COVERED IN THE SCOPE OF WORK**

**LABORATORY/ OFFICE COMPLEX /HOUSING BUILDINGS**

1. Utility building-I
2. Utility building-II
3. Utility building-III
4. Auditorium
5. Engineering building
6. LEIBF
7. PARAS in Engineering building hall
8. LHe Compressor room
9. Beamhall#I, II & III
10. C&D room and Cryo generator room
11. Garage, Hostels, Dining Hall, Guest Houses
12. Flatlet#I&II
13. Ph-1 Housing
14. Ph-2 Housing

Signature of the Bidder

(Name and Address of the Bidder)

Company Seal

**ANNEXURE – IX****LIST OF TOOLS, EQUIPMENT, MEASURING INSTRUMENTS**

1. Ring Spanner (6-32 mm)	1 Set of 12
2. Ring Spanner (1/4" - 1 1/4" inch)	1 Set of 12
3. Box Spanner (6 – 36 mm)	1 Set of 19
4. Box Spanner (1/4" – 1 1/4")	1 Set of 19
5. Double open-end Spanners (6-36 mm)	1 Set of 12
6. Double open-end Spanners (1/4"-1 1/4")	1 Set of 12
7. Pipe Vice	1 No.
8. Die set (3/8" to 2" BSP) with handle etc.,	1 Set
9. Tap set (3/8" to 2" BSP) with handle etc.,	1 Set
10. Screw Driver Set (6" to 12")	1 Set of 6
11. Screw Driver (18")	1 No.
12. Adjustable Wrench (6", 12")	1 each
13. Pipe Wrench (6, 12", 18", 24", 36")	1 each
14. Chain Pipe Wrench	1 No.
15. Measuring tape (3met, 15 met.)	1 each
16. Allen key set (1.5 – 16 mm)	1 lot
17. Allen key set (1/16"-1/2")	1 lot
18. Digital Thermometer	1 No.
19. Cutting Plier (8")	1 No.
20. Monkey Plier	1 No.
21. Circlip Plier In & Out	1 Each
22. Scissors	1 No.
23. Tin Cutter	1 No.
24. Hand Hammer 1kg	1 No.
25. Hand Hammer 500 Grams	1 No.
26. Mallet Hammer 500 Grams	1 No.
27. Hack Saw	2 No.
28. Multi Meter/Tong tester (standard make)	1 No.
29. Test Lamp	1 No.
30. Dial Indicator (Range 0.01-10 mm), 2" dial Mitutoyo make	2 Nos.
31. Dial Indicator (Range 0.01-5 mm), 1" dial Mitutoyo make	1 No.
32. Feeler Gauge (SS)	1 No.
33. Bearing puller	1 No.
34. Pulley puller	1 No.
35. Electric blower for cleaning	1 No.
36. Line Tester	2 Nos.
37. File (round, flat, half circle, triangle)	1 each
38. Chisel	1 No.
39. Electrical sleeve insulated Screw driver set	1 Lot
40. Electrical Wire Cutter	1 No.
41. Chargeable Torch	1 No.
42. Umbrella/ rain coat	2 Nos.
43. Welding Machine, Leads, welding Helmet etc.,	1 lot (On the need basis)
44. Pickaxe (Gainti), Kassi, Spade, Crowbar, Rammer, Basket	1 each (On the need basis)
45. Any other tools / fixtures as may be required for carrying out the work.	1 Lot

Note: The tools/equipments which are required on the need basis should be made available at site in a short notice depending upon the urgency

Signature of the Bidder

(Name and Address of the Bidder)  
Company Seal

**LIST OF CONSUMABLES**

1. Insulation tape (R, Y, B, Black)	-	5 each x 4 Nos (stock all the time)
2. Teflon tape	-	10 Nos (stock all the time)
3. Hacksaw blades	-	10 Nos (stock all the time)
4. Thread roll	-	1 Pkt. (stock all the time)
5. Safeda	-	½ Kg (stock all the time)
6. M-Seal	-	1 Kg (stock all the time)
7. Cotton dhoti	-	20nos. (stock all the time)
8. CRC	-	2 bottles (stock all the time)
9. Emery paper (rough, fine)	-	6 eachx2 Nos. (stock all the time)
10. Petrol/Diesel for cleaning	-	2 Lts. (stock all the time)
11. Welding Electrodes, Adore Make	-	1 Pocket (stock all the time)
12. De-scaling Chemical (Scale-2)	-	On demand (Approx. 120 lit. for de-scaling of heat exchangers)
13. Attendance Register	-	1 No.
14. Maintenance/Stock Register	-	1 No.
15. Any other consumables as may be required	-	1 Lot

Signature of the Bidder

(Name and Address of the Bidder)

Company Seal



**RESPONSE TIME**

Kindly note that a minimum of 95% uptime of the system has to be ensured by you. In case of lower performance standard, suitable deductions from the running bills will be made on a proportionate basis.

S.No.	Equipment Fault	Time
1.	Centrifugal Pumps	
	1.1 Changing of the pump glands	Same day
	1.2 Changing of the coupling	Same day
	1.3 Changing of Bearings of pumps	Same day
	1.4 Changing of Bearings of motor	Same day
	1.5 Alignment of rotating equipments	One day
	1.6 Rewinding of the motor	Two days
	1.7 Remettalising of the shaft, sleeves etc	Two days
2.	Submersible Pumps	
	2.1 Lifting of Submersible Pumps	Same day
	2.2 Putting back of the Submersible Pumps	same day
3.	Motor Control Centres	
	3.1 Attending to minor Electrical problem	Same day
	3.2 Attending to major Electrical problem	Two days
4.	Tanks	
	4.1 Cleaning	Same day
5.	Monobloc Pumps	
	5.1 Changing of glands, bearings etc.,	Same day
	5.2 Complete overhauling	One day
6.	Plumbing complaints	Same day
7.	Cleaning of power supplies, magnets etc.,	Immediately in-case of breakdown o or else same day
8.	Any breakdown complaints related to water system	Immediately

Signature of the Bidder

(Name and Address of the Bidder)  
Company Seal

**PRICE BID (PART-B)****SCHEDULE OF PRICES FOR OPERATION & MAINTENANCE (TO BE FILLED BY BIDDERS)**

S. No.	Work Details	Reserved Monthly Total (Rs.)	Monthly Total (Rs.) (To be filled by Bidder)
1	<b>Monthly Wages</b> for Round the Clock Operation and Maintenance of Water System Ph-I, II&III, 150 KLD Sewage Treatment Plant (STP) and associated equipment at IUAC as per the minimum manpower given below: a) Supervisor – 1 No. (Graduate and above category) b) Senior Mechanic – 1 No. (Graduate and above category) c) Plumber – 1 No. (Skilled category) d) STP Operator Cum Technician–1 No. (Skilled category) e) Operators – 7 Nos. (Skilled category) d) Helpers – 6 Nos. (Un skilled category) <b>Refer Paragraph #33, sub paragraph #i of ANNEXURE-I</b>	<b>314009</b>	
2	Charges towards EPF Amount (12%+1.0% Admn. charges) on item#1 payable on Maximum Rs 15000/-	<b>33150</b>	
3	Charges towards ESI Amount (3.25%) on item#1	<b>10205</b>	
4	Charges for Mechanized cleaning of different capacity Horticulture & STP Water Tanks (6 Nos.), holding Sewage Treated Water (Please note that use of Manual labour is strictly prohibited as per Govt. guide lines).		
5	Charges towards Consumables as per clause#16 of ANNEXURE - I		
6	Charges towards Tools & Tackles, Safety Shoes & Uniform etc., <b>Refer Paragraph #33, sub paragraph # ii of ANNEXURE-I</b>	<b>5000</b>	
7	Overhead and Profit <b>Refer clause no. 2.3 (all sub clauses) of commercial and general conditions and clause 3.13 of ANNEXURE -I with minimum reserve amount of not less than 1% (One percent) of items 1 – 6 above.</b>		
8	Total Amount (1+2+3+4+5+6+7) In Words_____		

**Notes:**

- The wages considered in S.No.1 of the above table (ANNEXURE-XII) are based on the prevailing minimum wages fixed by the labour department, Govt. of Delhi applicable as on 01-10-2021. GST will be paid extra as applicable.
- Refer Paragraph #32, sub paragraph #v of ANNEXURE -I for BONUS to manpower:** Contractor shall disburse the bonus to its workers as per latest **Government of India Payment of Bonus Act**. Reimbursement will be done as per actuals after disbursement of the same. However, no extra charges will be paid or applicable.

Signature of the Bidder

(Name and Address of the Bidder)  
Company Seal

**PROFILE OF THE TENDERER**  
**(On Bidder's letterhead)**

1. Name of the Firm / Organization :
2. Address :
3. Telephone No. / Mobile No. & Name of  
the Contact Person :
4. Fax No. :
5. E-mail ID :
6. Month and Year of establishment :
7. Name of proprietor / partners/director :
8. No. of years of experience in this field,  
with Reference, Certificates :
9. Annual  
Turnover during the last three years  
(Enclose copies of Audited  
Financial Statement)  
2018-19:  
2019-20:  
2020-21:
10. Whether  
the firm is an Income Tax  
Assessee? If so, please give the  
details of PAN No. :
11. GST Registration No. :
12. Name of the OEM and address  
(if applicable) :

Signature of the Bidder

(Name and Address of the Bidder)  
Company Seal

**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

(Name and Address of the Bidder)

Company 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,

- 1) withdraw/amend/impair/derogate, in any respect, from our bid, within the bid validity;  
or
- 2) 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)

Signature of the Bidder

(Name and Address of the Bidder)  
Company Seal

**ANNEXURE - D**

**Format for declaration by the Bidder 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 of the Bidder

(Name and Address of the Bidder)

Company Seal

**(Undertaking on Bidder's Letterhead)**

I / We (bidder) hereby give an undertaking that:

1. I / We have not been blacklisted / on holiday list / debarred during last three years by any Govt. Department/Govt. Autonomous Body/Institution, etc.,
2. I/We do not have any dispute with any of the Govt. Departments/ Govt. Autonomous Bodies/Institutions, etc.,
3. I/We have never been certified as 'Unsatisfactory Performer' for the said services provided to the Govt. Departments/ Govt. Autonomous Bodies/ Institutions;
4. 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.
5. 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:**

**ANNEXURE- F**

**\*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 contractor 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



**CHECK-LIST FOR PRE-QUALIFICATION BID FOR:****Annual O&M of WATER SYSTEM Ph-I, II & III AND 150 KLD STP AS PER SPECIFICATIONS:**

<b>S. No.</b>	<b>Documents asked for</b>	<b>Page No. at which the document is placed</b>
1	Profile of Tenderer (ANNEXURE-A)	
2.	Tender Acceptance Letter (ANNEXURE-B)	
3.	Bid Security / EMD Declaration (ANNEXURE-C)	
4.	Code of Integrity and Conflict of Interest (ANNEXURE-D)	
5.	Undertaking that firms have not been banned / blacklisted (ANNEXURE-E)	
6	Self-attested copy of the EPF, ESI, GST & PAN card	
7	Copies of work orders and Client's satisfactory certificates	
8	Annual turnover of last three financial years ending March 31 <sup>st</sup> 2021 duly certified by the Statutory Auditors. In case balance sheet and statement of Profit & Loss for the immediate preceding financial year have not been prepared/audited, the account for one more preceding financial year can be submitted.	
9	ANNEXURE- F	
9	Any other document asked for in this NIT	

Signature of the Bidder

(Name and Address of the Bidder)

Company Seal