

**Inter-University Accelerator Centre**  
(An Autonomous Centre of University Grants Commission)  
Aruna Asaf Ali Marg, New Delhi - 110067

**NOTICE INVITING E - TENDER**

**Tender Number: IUAC/NIT/27/SSKS/2021-22**

**Dated: 08/12/2021**

Inter - University Accelerator Centre (IUAC) invites on-line bids on behalf of the Director IUAC, New Delhi through e-procurement Portal under two bid system, viz., Technical and Financial bids, from eligible / experienced parties for the work/supply of **Design, Supply, Fabrication, Installation, Testing and Commissioning of MS ERW Black Pipe 4" size NB, Heavy Class, IS-1239**

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 enrol / register before participating through the website <https://eprocure.gov.in/eprocure/app>. Bids should be submitted on-line only at website: <https://eprocure.gov.in/eprocure/app>. Bidders / 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.

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.

**As per notification no. F/9/4/2020-PPD dated 12.11.2020 issued by Ministry of Finance, Department of Expenditure, Govt. of India, bidders have to submit "Bid Security Declaration" accepting that if they withdraw or modify their bids during period of validity etc., they will be suspended for the time specified in the tender documents".** Bidders 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.

**Note:** *The above bid security declaration is valid only up to 31/12/2021 and further continuation or otherwise will be as per guidelines issued by the Ministry of Finance.*

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 on-line without modifying the format. **If the BOQ file is found to be modified by the bidder, the bid will be rejected.**

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.

## SECTION - I

### **INSTRUCTIONS FOR ONLINE BID SUBMISSION**

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. More information useful for submitting online bids on the CPP Portal may be obtained at:

#### **1. Registration**

- 1.1 Bidders are required to enrol on the e-Procurement module of the Central Public Procurement Portal (URL:) by clicking on the link “**On-line Bidder Enrolment**” on the CPP Portal, which is free ofcharge.
- 1.2 As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 1.3 Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 1.4 Upon enrolment, 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 etc.), with their profile.
- 1.5 Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others, which may lead to misuse
- 1.6 Bidder then logs in to the site through the secured login by entering their user ID / password and the password of the DSC / e-Token.

#### **2.0. Searching for Tender Documents**

- 2.1 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.
- 2.2 Once the bidders have selected the tenders they are interested in, they 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.
- 2.3 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.

#### **3.0. Preparation of Bids**

Bids shall be submitted on-line only at CPP Portal: <http://eprocure.gov.in/eprocure/app>

- 3.1 Bidders are advised to follow the instructions provided in Section-I above for the e-submission of

the bids on-line through the Central Public Procurement Portal for e-Procurement at <http://eprocure.gov.in/eprocure/app>

- 3.2 Bid documents may be scanned with **100 dpi** with black and white option, which helps in reducing size of the scanned document.
- 3.3 Bidder who has downloaded the tender from the IUAC website and Central Public Procurement Portal (CPPP), shall not tamper/ modify the tender form including downloaded commercial bid template in any manner. In case if the same is found to be tampered/ modified in any manner, bid will be summarily rejected and EMD would be forfeited and the bidder would be liable for **suitable penal** action.
- 3.4 Bidder should avoid, as far as possible, corrections, overwriting, erasures or postscripts in the bid documents. In case however any corrections, alterations, changes, erasures, amendments and/or additions have to be made in the bids, they should be supported by dated signatures of the same authorized person signing the bid documents.
- 3.5 Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 3.6 Bidder should 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.
- 3.7 Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document /schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option, which helps in reducing size of the scanned document.
- 3.8 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.

#### **4.0. Submission of Bids**

- 4.1 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.
- 4.2 The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document
- 4.3 Bidder has to select the payment option as "On-line" to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4.4 Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard

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 coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it on-line, without changing the file name. If the BOQ file is found to be modified by the bidder, the bid will be rejected.

- 4.5 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.
- 4.6 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 openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 4.7 The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 4.8 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 number and the date & time of submission of the bid with all other relevant details.
- 4.9 The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.
- 4.10 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.
- 4.11 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.
- 4.12 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.
- 4.13 Submission of a tender by a Bidder 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.
- 4.14 The Bidder 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.
- 4.15 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 favour of the person signing must accompany the tender.

4.16 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.

**5.0. Assistance to Bidders**

5.1 Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

5.2 Any queries relating to the process of on-line bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Help desk.

## SECTION II

### INVITATION FOR BIDS (IFB)

Inter University Accelerator Centre (IUAC) invites Online Bids on single stage two-bid system for **Design, Supply, Fabrication, Installation, Testing and Commissioning of MS ERW Black Pipe 4" size NB, Heavy Class, IS-1239**. Please note that physical bids shall not be accepted.

Name of Work / Supply	<b>Design, Supply, Fabrication, Installation, Testing and Commissioning of MS ERW Black Pipe 4" size NB, Heavy Class, IS-1239</b>
Tender Number	IUAC/NIT/27 /SSKS/2021-22
Estimated Cost	Rs. 7,50,000/- (Rupees Seven Lakh Fifty Thousand)
Performance security deposit	
Earnest Money Deposit	NIL
Tender Document Fee	NIL
Bid Submission End Date and Time (Part - A and Part - B)	30/12/2021 at 03:00 P.M.
Technical Bid Opening Date (Part - A)	31/12/2021 at 03:30 P.M.
Price Bid Opening Date (Part - B)	To be intimated later on to the technically qualified bidders
Contact Person	Administrative Officer (S&P) E-mail: <a href="mailto:iuacstores@gmail.com">iuacstores@gmail.com</a> Phone: 011-24126018, 24126022.

#### 1. Two Bid System

The two-bid system will be followed for this e-tender. In this system, the bidder shall submit offer ~~one~~ in two parts viz. Technical Bid and Commercial Bid. The offers submitted by telegram/ fax/ e-mail/ by hand or any other mode except e-tender shall not be accepted. No correspondence will be entertained in this matter.

#### Part A: "Technical Bid"

In this bid, the bidder shall upload the scan copies of the following essential documents to qualify the technical bid (Pre-qualification Criteria) for the said item along with Bidder profile (**Annexure-I**)

- 1.1 Registration Certificate of the Company/Firm. The bidder must be a competent firm in the business of **DSITC**. The bidder should be in the similar business for at least last **FIVE (5)** years prior to the date of issue of this tender.
- 1.2 Technical Specification/scope of work at **Annexure-II**

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

should be mentioned by the bidder).

- 1.3 Schedule of Requirement is at **Annexure-III**
- 1.4 Copies of the audited statements/ turnover certificate of the past three financial years ending on 31<sup>st</sup> March of the previous financial year in which the tenders are invited. To support the claim, provide a Certificate of CA.

The average annual turnover of the bidder during the last three (3) financial years should be at least **AVERAGE 30% OF THE TENDERED COST**. In case balance sheet and statement of Profit & Loss for the immediately preceding financial year have not been prepared/audited, the account for one more preceding financial year can be submitted.

- 1.5 Copies of PAN no., GST no., ESI, EPF Registration etc.
- 1.6 Copies of work orders and completion certificates of at least one supply order of value not less than 80% (**Rs.6,00,000**) of the estimated cost

**Or**

Two similar supplies, each of value not less than 50% (**Rs.3,75,000**) of estimated cost

**Or**

Three similar supplies, each of value not less than 40% (**Rs.3,00,000**) of estimated cost during the last 3 years ending 31<sup>st</sup> March, 2021

*(Similar supply means "Supply experience in Government organizations, Govt. Autonomous/Research organizations or Public limited Company / organizations for bulk supplies including private sector).*

- 1.7 Undertaking for Site Visit has to be submitted as per **Annexure-IV** (Wherever required)
- 1.8 Bid Security Declaration/EMD (presently valid up to 31/12/2021) as per **Annexure-V**.
- 1.9 Undertaking on a letterhead as per **Annexure -VI** that the bidder's firm has not been banned / blacklisted by any authority/Ministry/Department in the past.
- 1.10 Code of Integrity Pact Certificate as per **Annexure-VII** (Wherever required).
- 1.11 Any other document asked for.
- 1.12 Check list for Pre-qualification Bid as per format. **Annexure-VIII**

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

## **Part-B “Price Bid”**

- 1.13 In this bid, the bidder is required to quote his item rates in the BOQ formed in accordance with the scope of work, terms & conditions & technical specifications enclosed. The rates/price quoted by contractor should be all inclusive i.e., should include all material cost, labour, services, plant/machinery/tools & tackles required for work, freight, Insurance, and all applicable Govt. Duties, excluding GST (payable separately, if applicable), levies & taxes, transport/cartage of materials/labour and all other expenses not specifically mentioned but reasonably implied. Nothing over and above these rates shall be payable to contractor. Further, nothing extra in rates will be considered due to any site difficulties. It is mandatory for bidder to quote all items rate as asked for in the BOQ/ PRICE schedule. Failure in not filling some item rates will lead to be considered them as zero and accepted. No further compensation on that item can be considered later. The bidders should quote unconditional rates.
- 1.14 The bidder shall fill up the Bill of Quantity (BOQ) which is price bid. The BOQ should be filled up carefully as it will be used for evaluation of L1. The contract will be awarded to L1 bidder subject to fulfilment of other terms and conditions of tender. MSME bidder will be given price preference subject to fulfilment of conditions as prescribed by the Government of India from time to time.
- 1.15 Where there is no mention of packing, forwarding, freight, insurance charges, taxes etc. such offer shall be rejected as incomplete.
- 1.16 The price quoted shall remain fixed during the contract period and shall not vary on any account.

### **2.0 Period of validity of bids**

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

### **3.0 Submission of Bids**

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

### **4.0 Deadline for Submission of Bids**

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



## **5.0 Late Bids**

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

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

Opening of Bids

- a) The E-bids shall be opened on-line. The technical bids will be evaluated to short-list the eligible bidders. The technical bids of only eligible bidders shall be considered for further processing (technical evaluation).
- b) Bidder whose technical bid is found to be acceptable and meeting the eligibility requirements as specified in this tender will be considered as technically qualified.
- c) IUAC will open commercial bids of only the technically qualified/short-listed bids.
- d) In case, the day of bid opening is declared a holiday by the government, the E-bids will be opened on the next working day at the same time. No separate intimation shall be sent to the bidders in this regard
- e) Since E-bid is an on-line process, the E-bid opening or any other process may be delayed due to any technical/server issue. If any such issue arises, this will not be tantamount to process delay and IUAC will not be responsible for the same.
- f) On opening of bids on-line, accepting the bid would not mean that the firm is technically or financially qualified.

## **7.0. Tender liable to rejection**

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

- (i) Tenders containing remarks uncalled for
- (ii) Conditional tenders
- (iii) Tenders not submitted on prescribed Proforma
- (iv) Telegraphic / Fax/ Postal tenders
- (v) Tenders submitted late
- (vi) Tenders with NIL consideration
- (vii) Not submitted required documents as per tender

## **8.0. Amendment of Tender Documents**

- 8.1 At any time prior to the deadline for submission of bids, IUAC may, for any reason, whether on its own initiative or in response to the clarification request by a prospective bidder, modify the bid document.
- 8.2 All prospective bidders who have downloaded the bidding document will be notified of the amendment(s), if any, on IUAC website/CPP portal, and such amendments/modifications will be binding on them.
- 8.3 IUAC at its discretion may extend the deadline for the submission of bids if the bid document undergoes changes during the bidding period, in order to give prospective bidders time to take into the consideration the amendments while preparing their bids.
- 8.4 Bidders should keep viewing the above-mentioned websites for any corrigendum/change. There wouldn't be any newspaper advertisement towards the same. If any bidder misses the information published on the website and their bid is rejected, no complaint would be entertained.

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

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

## SECTION-III

### GENERAL TERMS AND CONDITIONS

#### **Documents Establishing Bidder's Eligibility and qualifications**

The bidder shall furnish, as part of its bid, documents establishing the bidders' eligibility to bid and its qualification (as specified in clause -7 a i to vii) to perform the contract if its bid is accepted.

The documentary evidence of the bidders qualification to perform the contract if the bid is accepted shall establish to the purchasers satisfaction

- a) The bidder meets the qualification criteria listed in bidding documents, if any,
- b) In case a bidder not doing business within India, it shall furnish the certificate to the effect that the bidder is or will be represented by an agent in India, equipped and able to carry out the supply, maintenance, repair obligations etc. during the warranty and post warranty period or ensure a mechanism at place for carrying out the supply, maintenance, repair obligations etc. during the warranty and post-warranty period.

#### **1.0 Earnest Money Deposit (EMD)**

**1.1 As per notification no. F/9/4/2020-PPD dated 12.11.2020 issued by Ministry of Finance, Department of Expenditure, Govt. of India, bidders have to submit "Bid Security Declaration" accepting that if they withdraw or modify their bids during period of validity etc., they will be suspended for the time specified in the tender documents".**

- 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 authorised agencies / bodies, but have not obtained the valid certificate as on close date of the tender, are not eligible for exemption / preference.

#### **2.0 Evaluation of Proposals & Award Criteria**

**2.1** The bidder must quote for all the items mentioned under Section.....– Schedule of Requirement. The lowest price criteria shall be applied on the total composite amount (inclusive of all) of all items taken together.

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

- 2.3 Bids complying with all the eligibility requirements mentioned in this tender document and fulfilling the specifications and schedule of requirements shall be treated as substantially responsive bids. Responsiveness of the bids shall be determined on the basis of the contents of the bid itself and shall not be determined by extrinsic evidences.
- 2.4 IUAC, if provided for in the NIT, may ask bidders for presentation on the solution offered. Failure on part of bidder to arrange the presentation on the date & place fixed shall result in the rejection of technical bids and financial bids of these bidders shall not be opened. Also, if it is found after presentation that the solution offered is not meeting the specifications prescribed by, such bidders shall be treated as substantially non-responsive. IUAC decision shall be final in this regard. The place for presentation shall be conveyed to the bidders at an appropriate date.
- 2.5 Commercial bids of only those bidders will be opened who are found to be technically responsive and the work shall be awarded to the commercially lowest bidder.
- 3.6 Bidder should quote their rates by uploading in prescribed Performa in BOQ\_XXXX.xls only. Commercial bids/ prices/ rates other than the format provided or elsewhere in the Bid Document shall be rejected by IUAC.
- 2.7 The rates quoted in figures would be automatically converted in words in BOQ\_XXXX.xls. The bidder should carefully cross check the prices entered in figures with corresponding figures converted in words. In case of discrepancy between words and figures, the rates quoted in words shall be treated as final. The correct amount will be calculated by multiplying unit price with quantity and in case of any discrepancy, the corrected amount shall be considered and total of all corrected amount shall be bidder's total quoted amount.
- 2.8 In the copies of supply order/ contract/ agreement/ experience certificate submitted by the bidder, if the currency is other than Indian Rupees, the value of work in Indian Rupees shall be determined by using the exchange rate declared by Reserve Bank of India as on the last date of submission of technical/ commercial bids and the eligibility of the bidder shall be determined accordingly.
- 2.9 If more than one bidder happens to quote the same lowest price, IUAC reserves the right to seek revised offer from the same bidders and placing order on revised L-1 offer. If same situation prevails then IUAC reserves the right to place order on any of them.
- 2.10 The successful bidder shall not be allowed to sub-contract works to any contractor from a country, which shares a land border with India unless such contractor is registered with the Competent Authority of Government of India.

### **3.0 Performance Security (For Works Contract)**

In works contract, the supplier shall submit the Performance Security equivalent to five (5%) percent of contract value in the form of a fixed deposit receipt from a commercial bank, bank guarantee issued/confirmed from any of the commercial bank in India. In case of a JV, the BG towards performance security shall be provided by all

partners in proportion to their participation in the project. Performance Security should remain valid for a period of 60 (sixty) days beyond the date of completion of all contractual obligations of the contractor. The performance security will be forfeited and credited to the procuring entity's account in the event of a breach of contract by the contractor. It will be refunded to the contractor without interest, after the supplier duly performs and completes all obligations under the contract but not later than 365 days of completion of the Defect Liability Period (DLP).

In addition to Performance Security, a security deposit equal to five (5%) of the value of the work will be deducted from Contractor's bills and shall be refunded without interest after completion of defect liability period of one year after ensuring successful performance of the system executed by the contractor.

#### **4.0 Scope of Work/Technical Specification (to be decided by the respective indentor)**

- 4.1 If, for any unforeseen reasons, IUAC is required to change the Scope of Supply, this change shall be acceptable to the bidder without change in the unit price quoted.
- 4.2 IUAC reserves the right to reject one/ all the bids or cancel the tender without assigning any reasons there for.
- 4.3 IUAC reserves the right to accord relaxation uniformly to all the bidders in case the bids submitted by all the bidders are found to have minor deviation.

#### **5.0 Time-line for completion**

The works should be completed within 90(ninety) days from the date of issue of Purchase order. Any delay in completion of the work/supply due to reasons attributable to the vendor / manufacturer is liable to liquidated damages as per NIT clause 12. However, under the force-majeure conditions as mentioned in the NIT clause 13, IUAC may grant suitable time extension for which vendor has to request along with proper justification / reasons well in advance to the Director, IUAC for approval without any prejudice or price escalation.

#### **6.0 Guarantee & Defect liability period**

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

## 7.0 Site Conditions *(wherever required)*

Contractor shall acquaint himself fully with the site conditions and the working environment of IUAC before quoting his rates. A Bidder shall be deemed to have full knowledge of the site, whether he inspects it or not and no compensation or otherwise of any charges incurred or to be incurred consequent on any misunderstanding or otherwise shall be admissible. No Compensation on account of any site difficulties will be entertained, at a later date, after award of the work. (The bidder should sign undertaking as per **Annexure-I** enclosed in tender. Failure will result in forfeiture of performance security / EMD).

## 8.0 Installation, Commissioning, Demonstration, Inspection and Tests

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

## 9.0 Insurance

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

## 10.0 Payment Terms

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

### 10.2 Payment for Goods and Services supplied from India:

The payment shall be made in Indian Rupees, as follows:

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

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

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

10.5 **GST:** Concessional GST of 5% is applicable to IUAC and should be acceptable to the bidder. GST concession certificate will be provided along with the purchase order.

## **11.0. Delay in the supplier's performance**

- 11.1 The supplier shall deliver the goods and perform the services under the contract within the time schedule specified by the purchaser in the Schedule of Requirements and as incorporated in the contract.
- 11.2 Any unexcused delay by the supplier in maintaining its contractual obligations towards delivery of goods and performance of services shall render the supplier liable to any or all of the following sanctions:
- (i) Imposition of liquidated damages,
  - (ii) Forfeiture of its performance security and
  - (iii) Termination of the contract for default.
- 11.3 If at any time during the currency of the contract, the supplier encounters conditions hindering timely delivery of the goods and performance of services, the supplier shall promptly inform the purchaser in writing about the same and its likely duration and make a request to the purchaser for extension of the delivery schedule accordingly. On receiving the supplier's communication, the purchaser shall examine the situation as soon as possible and, at its discretion, may agree to extend the delivery schedule, with or without liquidated damages for completion of supplier's contractual obligations by issuing an amendment to the contract.

## **12.0 Liquidated Damages**

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

## **13.0 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.

#### 14.0 Labour Laws

The contractor will abide by all the rules and regulations related to labour laws, accident, workmen compensation act, workmen insurance, bonus 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, IUAC has to bear any expenditure due to non-conformance of the above provisions by the contractor, the same will be recovered from contractor's bills.

Contractor will make own arrangement to escort the labour to the nearest hospital for treatment in case any injury happens to any worker during execution.

#### 15.0 Rules Governing the Contractor's employees working in the IUAC Premises (Applicable only in specific cases)

Contractor will take due permission for entry of all his workmen in IUAC. No unauthorized person will be allowed to work inside IUAC campus. The contractor's employees working inside the IUAC campus will abide by the Centre's rules & regulations for works inside the campus. Any damage to the IUAC property due to mishandling, carelessness on the contractor's or his workmen's part will be recoverable from the contractor's bills.

#### 16.0 Corrupt or Fraudulent Practices

IUAC requires that the bidders who wish to bid for this project have highest standards of ethics. IUAC will reject a bid if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices while competing for this contract. IUAC may declare a vendor ineligible, either indefinitely or for a stated duration, to be awarded a contract if it at any time determines that the vendor has engaged in corrupt and fraudulent practices during the execution of contract. Integrity pact should be signed by competent authority of the vendor. In pursuit of this policy, the following are defined:

Sr. No.	Term	Meaning
(a)	Corrupt practice	The offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution.
(b)	Fraudulent practice	a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract.
(c)	Collusive practice	means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels.
(d)	Coercive practice	means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract.



(e)	Anti-Competitive practice	any collusion, bid rigging or anti-competitive arrangement, or any other practice coming under the purview of the Competition Act, 2002, between two or more bidders, with or without the knowledge of the purchaser, that may impair the transparency, fairness and the progress of the procurement process or to establish bid prices at artificial, non-competitive levels
(f)	Conflict of interest	participation by a bidding firm or any of its affiliates that are either involved in the consultancy contract to which this procurement is linked; or if they are part of more than one bid in the procurement; or if the bidding firm or their personnel have relationships or financial or business transactions with any official of purchaser who are directly or indirectly related to tender or execution process of contract; or improper use of information obtained by the (prospective) bidder from the purchaser with an intent to gain unfair advantage in the procurement process or for personal gain
(g)	Obstructive Practice	materially impede the purchaser's investigation into allegations of one or more of the above mentioned prohibited practices either by deliberately destroying, falsifying, altering; or by concealing of evidence material to the investigation; or by making false statements to investigators and/or by threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or by impeding the purchaser's Entity's rights of audit or access to information.

#### **17.0 Dispute Settlement**

The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract. If, after twenty-one (21) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Equipment under the Contract.

#### **18.0 Jurisdiction**

Notwithstanding any other courts having jurisdiction to decide the questions forming subjects matter of a suit any and all actions and proceedings arising out of or relative to the contract (including any arbitration as per the Arbitration and Conciliation Act 1996) shall lie only in the court of competent Civil jurisdiction in this behalf at New Delhi., where this contract to be signed on behalf of and only the said court shall have jurisdiction to try any such actions and/or proceedings to the exclusion of all other courts.

## **19.0 Integrity Pact (Wherever required)**

- 19.1 An integrity Pact has to be signed by the bidders to ensure transparency, equity and competitiveness in procurement. The Integrity Pact envisages an agreement between the prospective bidders/vendors with the buyer committing the persons / officials of both the parties with the aim not to exercise any corrupt influence on any respect of the contract. Only those bidders, who are willing to enter into such an Integrity Pact with the Purchaser, would be competent to participate in the bidding.
- 19.2 The Integrity Pact would be effective from the date of invitation of bids till complete execution of the Contract. The format of the Integrity Pact is given in **Annexure-IX**.

## **20.0 Termination for Insolvency**

- 20.1 IUAC may at any time terminate the Contract by giving written notice to the Supplier, if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue thereafter to the Purchaser.

## **21.0 Indemnity**

The Supplier shall indemnify, protect and save IUAC against all claims, losses, costs, damages, expenses, action suits and other proceeding, resulting from infringement of any law pertaining to patent, trademarks, copyrights etc. or such other statutory infringements in respect of all the equipment's supplied by him.

## **22.0 Preference to make in India**

Preference to local suppliers shall be given as per revised Public Procurement (Preference to Make in India), Order 2017, No. P-45021/2/2017-PP (B.EII) dated 16.09.2020 issued by DPIIT, Ministry of Commerce and Industry, Govt. of India as notified from time to time. (Submit duly filled Declaration of Content, Annexure-XV for the same). The Declaration of Content once submitted in the Technical Bid will be final. Submission of Revised Declaration of Content will NOT be accepted. As per O.M. of DPIIT, Ministry of Commerce and Industry, Govt. of India No. P-45021/102/2019- BE- II- Part (1) (E- 50310) Dated 04.03.2021, Bidders offering Imported products will fall under the category of Non-Local Suppliers. They cannot claim themselves as Class-I or Class-II Local Suppliers by claiming the services such as Transportation, Insurance, Installation, Commissioning, Training and After Sale Service Support like AMC/ CMC etc. as Local Value Addition.

## **23.0 Interpretation of the clauses in the Tender Document / Contract Document.**

In case of any ambiguity/ dispute in the interpretation of any of the clauses in this Tender Document, Director, IUAC decision shall be final and binding on both the parties.

## 24.0 Correspondence

All the correspondence in respect of tender / contractual obligation shall be made to "The Administrative Officer (S&P), Inter University Accelerator Centre, Aruna Asaf Ali Marg, New Delhi- 110067 " e-mail: [iuacstores@gmail.com](mailto:iuacstores@gmail.com), Phone: +91-11-24126018, 24126022.

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.

### Note:

- (1) IUAC will not reimburse any expense, whatsoever incurred by Bidder for the preparation and submission of tenders. IUAC does not bind itself to accept the lowest or any tender and reserves the right to reject any of all tenders without assigning any reason.
- (2) The notice inviting tender, will form part of the contract agreement to be executed by the successful Bidder with the IUAC.
- (3) IUAC also reserves the right to change the quantities of the units while issuing the letter of award of work depending on requirements.

**Seal & Signature of Bidder/Bidder**

## SECTION-IV

### **SPECIAL TERMS AND CONDITIONS OF CONTRACT/WORK**

*(Wherever required)*

#### **1.0 Carrying of work**

All the work shall be carried out in accordance strictly as per the specifications given in the tender to the total satisfaction of the Institute

#### **2.0 Contractors Responsibility for the manner of Execution of Work**

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

#### **3.0 Specifications**

During execution of work, the contractor should follow all standard norms of safety measures/precautions as per relevant codes to avoid accidents/damages to man, machines and buildings, at his own cost. If specifications for an item of work are not covered as per approved Specifications of tender, the same shall be decided by the Institute and shall be binding on the contractor.

#### **4.0 Agency's Risk**

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

#### **5.0 Action and Compensation payable in case of Bad work**

5.1 If it shall appear to IUAC, or our representatives, that any work has been executed with unsound, imperfect or unskilful workmanship **then the contractor shall be liable to pay compensation**

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

5.3 No material belonging to the contractor whether consumable or non-consumable should be brought inside the IUAC campus without proper entry at the Main Gate nor any material should be taken out without proper gate pass issued by the authorized representatives of the Centre. Material delivery challans duly entered at the main gate shall to be submitted. It shall always prevail, unless otherwise specifically stated, that the entire provisions of Tender document been opened upon and accepted for compliance by the contractor without any reservation.

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

fails to make good the loss.

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

**Seal & Signature of Bidder/Bidder**

**PROFILE OF THE BIDDER (on Bidder's letterhead)**

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

**Signature of the Bidder & Seal**

**SCOPE OF WORK/TECHNICAL SPECIFICATIONS**

**1. Introduction:**

It is proposed to **Design, Supply, Fabrication, Installation, Testing and Commissioning of MS ERW Black Pipe 4" size NB, Heavy Class, IS-1239** from the underground water storage tank located near STP to the valve chamber located in the lawns opposite to Flatlets-I.

The pipeline will be laid as following (refer the schematic diagram 1):

- i. **Section A-B:** The new pipeline will be joined through welding to the existing water pipe line near the underground water storage tank and will run above the ground for about 10 meters.
- ii. **Section B-C:** The pipeline will be laid underground of 1.5 feet deep under RCC road for about 15 meters. After laying the pipeline, proper bituminous wrap should cover all over the pipeline. The trench above the pipeline should be properly filled back with RCC.
- iii. **Section C-D:** The pipeline will be laid above the ground along the canal, leaving 3 feet from the internal service road adjacent to lab complex up-to the internal main road for about 120 meters. This section will be supported by 1' x 1' x 2 feet RCC pillars of each 3 meters apart (concrete should be minimum 1 foot below the ground) with proper MS angles and U clamp fastener fittings.
- iv. **Section D-E:** The pipeline will cross the internal service road through the pre-constructed trenches for about 15 meters.
- v. **Section E-F:** The pipeline will cross the internal main road through the pre-constructed trenches for about 15 meters.
- vi. **Section F-G:** The pipeline will be laid from inside of drain trench 2 feet below along the wall with proper wall hanging MS angles and U clamp fastener fittings of 3 meters apart for about 60 meters.
- vii. **Section G-H:** The pipeline will pass through the trench to cross the internal main road for about 15 meters.
- viii. All the pipeline above the surface has to be protected with Anti-Corrosion painting: one coat of Red-oxide and two coats of PU enamel paint.
- ix. All the pipeline under the ground to be covered with bituminous wrap of 9 mm thick confirming to IS: 10221.
- x. Rubber padding of 3 mm thick all over the pipe should be done wherever the pipe to be fixed with pipeline support fittings/clamps.

**2. Scope of Work:**

**It is advised that bidder should visit the site and understand the nature of work before submitting the offer.**

1. It includes Design, Supply, Fabrication, Installation, Testing and Commissioning of Raw and Potable Water Supply Pipeline including MS Piping, corrosion insulation, Pipe supports etc., from Underground storage tank to Flatlet-II.
2. The main MS Supply pipes will be connected onto the existing pipes.

3. Minor civil works associated with this should be included in the work: Digging and refilling of trench in earth as per CPWD specifications for underground pipelines including supply of all items such as sand, bricks etc as required as per Schedule of Rates.
  4. The system installation team should comprise of a Technical Supervisor, experienced and approved welder(s), pipe fitter, grinder, helpers etc.,
  5. Preparation of piping layout drawing including support details. The same should be got approved by us before fabrication and 2 copies of as built drawings & one soft copy both in solid works and in pdf to be submitted. Works shall be allowed only after approval of drawings.
  6. Manufacturer's Material & Test certificates for all the equipment/material including MS Pipe, MS Fittings etc., should be submitted to us before starting execution of works by the contractor. Without submission of test certificates and approval from our end, work will not be allowed.
  7. All the works will be done as per the technical specifications mentioned in Annexure-III.
  8. All rates should be quoted by the bidders item wise after carefully going through the technical specifications.
  9. No deviations from scope of work & technical specifications will be acceptable.
  10. The works are only indicative and all the activities needed for completion of the works have to be accounted for by the bidder at the time of quoting.
  11. Bidder should take into account all the implicit items not specified here-in, but are essential for completion of the work. The costs of such items should be in-built in the costing of the item rates. If the items are not taken into account, they should be clearly brought out in the Technical Bid (Part-A) of the bid document.
  12. While carrying out the works all precautions have to be taken to ensure no defacing / damage occurs to adjacent area / equipment etc., In case of any damage occurs, the same has to be rectified/repaired free of cost by contractor.
  13. Supports shall be made of Equal angles of 50x50x6 mm thickness / C-channels of ISMC 100 (100x50) / ISMC 75 (75x40mm), box made out of 2 nos. of ISMC 100 (100x50) welded together, MS plates of size 150x150x12 mm thickness or various sizes with a thickness of 10/12 mm, Anchor fasteners of 12 mm as required as per the requirement or as per the design. One coat of red oxide painting and two coats of synthetic enamel painting should be done on all the supports. This should be included in the costing of SITC of MS piping.
  14. Basis of Payment: The quantities shown on the price schedule are only tentative and the actual measurements will only be known after the exact design & drawing is finalized by the successful bidder with due approval of the owner.
  15. Kindly note that payment shall be made as per the actual quantities installed and not on the basis of items supplied. The final payment will only be made on the basis of the actual work / quantities executed and for this a joint measurement by IUAC Engineer-In-charge and the contractor will have to be taken. The responsibility and the facilitation for taking the measurements will rest with the contractor. It is entirely contractor's responsibility to take dimensions, sizes from site, design the system and take IUAC's Engineer's approval before actually proceeding with supply and installation of the same at site.
- 3. Civil Works:** Civil work 'if any' will be in bidder's scope and quoted rates to cover for the same. This also includes digging & refilling, removal and disposing off the debris/malba outside IUAC at MCD designated place.



#### **4. Codes and Standards:**

All the design/material/workmanship/fabrication shall conform to the prevalent latest Indian/ equivalent Foreign Standards, Local statutory rules, safety standards, Indian Electricity Act and Indian Electricity rules as amended from time to time.

#### **5. Storage and living accommodation:**

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

**IUAC does not provide any living accommodation.**

#### **6. Inspection:**

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

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

7.1 Activity Bar chart

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

7.3 Schematic piping diagram.

7.4 Piping supports drawing.

7.5 Manufacturer's material certificate, test reports & manuals should be submitted in original for pipes, fittings, anti-corrosive insulation material.

7.6 Any other relevant documents if required.

#### **8. Technical Specifications for MS Piping:**

##### **8.1 MS Pipes:**

The M.S. pipes shall be ERW Black ( $\leq 150$ mm shall be as per IS 1239, PTI, Heavy Class and  $\geq 200$  mm as per IS - 3589, 6 mm thick), beveled ends.

##### **8.2 Flanges:**

The flanges forged ASTM - A105, SORF, ANSI B16.5, 150 lb, Table 15.

Flanges may be tack welded into position, but all final welding shall be done with joints dismantled. 3 mm thick gaskets shall be used with all flanged joints. The gaskets shall be fiber reinforced rubber as approved by the Engineer-In-Charge/ the associated personnel.

Counter flanges for butterfly valve shall be provided by successful bidder.

**8.3 Fittings:** All fittings should confirm to ASTM A234, GR WPB, Sch.40, ANSI B 16.9. All integral branch off shall be stub connected. All fittings shall be tested to a pressure of 15 KSC.

**8.4 Bolts:** All bolts shall be as per IS: 1367 CL 4.6 with dimensional standard as per IS:1364 and length to suit.

**8.5 Nuts:** All nuts shall be as per IS: 1367 CL 4.0 with dimensional standard as per IS:1364 and Hexagonal.

**8.6 Gaskets:** All gaskets shall be as per CAF IS:2712 GRW/3 with dimensional standard of ANSI B 16.21 150# and 3 mm thick Ring Type.

## 8.7 Welding:

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

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

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

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

All piping shall be tested to hydraulic test pressure of at least one and half times the maximum operating pressure but not less than 10 kg/cm<sup>2</sup> for a period of not less than 12 hours. All leaks and defects in the joints revealed during the testing shall be rectified to the satisfaction of the Engineer-In-Charge, without any extra cost.

All the piping systems shall be tested in the presence of the Engineer-In-Charge or their authorized representative. Advance notice of test dates shall be given and all equipment, labor, materials required for inspection, and repairs during the test shall be provided by the contractor. A test shall be repeated till the entire systems are found to be satisfactory to the above authority. The tests shall be carried out for a part of work if required by Engineer-In-Charge in order to avoid hindrance in the work of the insulation contractor.

The contractor shall provide all labor and materials to make provision for removing water and throwing it at the proper place, during the testing or/and after the testing to avoid damages to employer or other contractors' properties. Any damages caused by the contractor to the employer or other contractors properties, shall be borne by the contractor.

**8.9 Pipe Supports:** It should be made of structural steel & include G.I. clamps, anchor fasteners, wooden blocks, insulation pad. Supports will be installed at no larger than 3 meters and as per the design calculations to be

furnished by you and consisting of C-channels, Angles, I section etc. of 6 mm minimum thickness. Extra support should be provided at bends & fittings like valves to avoid undue stress at pipes. The support columns have to be appropriately grouted using 1:2:4 concrete mix. The fabrication of hangers, anchors and materials shall conform to the requirements of chapter "Fabrication of pipe hangers, supports, anchors, Sway bracing and piping B31.3-latest issue.

#### **8.10 Painting:**

All exposed metal surface of pipes, fittings and supports must be applied with one coat of red-oxide primer & two coats of PU enamel ICI / Nerolac paint of Approved shade. The surface to be painted shall be cleaned thoroughly before painting.

Anti-Corrosive protection for all underground sections: The bituminous wrap of 9 mm thick should be hot applied for corrosion protection conforming to IS: 10221.

#### **List of Approved Makes:**

<b>S. No.</b>	<b>Equipment/Item/Material</b>	<b>Approved Manufacturer</b>
1	MS ERW Black Pipe	Tata / Jindal Hissar.
2	Support Steel	Tata / Jindal Hissar.
3	Anchor Fasteners	Cannon / Hilti / Fisher
4	Filler Wires	Adore / BOC / L&T
5	Paint / Primer / Thinner	Asian/Nerolac/Dulux

#### **NOTE:**

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

<b>S.No.</b>	<b>Item Description</b> Rates shall include <b>DSITC</b> (Design, Supply, Fabrication, Installation, Testing & Commissioning) of all the items mentioned below. Scope of Work & Technical Specifications are mentioned in Annexure-II.	<b>Unit</b>	<b>Qty.</b>
1	MS ERW Black Pipe 4" size NB, Heavy Class, IS-1239 including fittings i.e., elbow, tee, bend complete with supports/hangers, 'U' clamps etc., (excluding flanges) & welding of all joints. 4" NB Pipe	RM	250
2	4" NB flanges (including Gasket, Nuts and Bolts)	Nos.	08
3	Pipeline support including MS-section, U-Clamps, Anchor fasteners, painting etc. (for RCC pillars and wall mounting).	Nos.	72
4	Civil works: Digging and refilling (including RCC road 18-inch deep, 6-inch width and 15-meter length, soft soil 2 feet deep, 1 foot width and 20-meter length, for 42 RCC pillars 1' x 1' x2' and 2 feet deep, 1 foot width and 15-meter RCC floor).	RM	50
5	RCC pillars of 1' x 1' x 2' (minimum 1 foot underground)	Nos.	42
6	Anti-Corrosion paint with one coat of Red-oxide and 2 coats of PU enamel paint	RM	150
7	Bituminous wrap of 9 mm thick conforming to IS: 10221 over the pipe for underground sections	RM	100
8	Rubber padding of 3 mm thick all over the pipe where the pipeline fits under clamps	Nos.	72
9	6" NB GI ERW Heavy class fire hydrant header pipe including fittings i.e., elbow, tee, bend complete with supports/hangers, 'U' clamps etc., (excluding flanges) & welding of all joints.	RM	18
10	Painting (one coat primer + two coat synthetic enamel).	RM	18
11	Dismantling by gas cutting of 6" NB GI pipe and shifting of the scrap to the junk yard, which is in 500-meter distance.	RM	18

**Seal & Signature of bidder/Bidder**

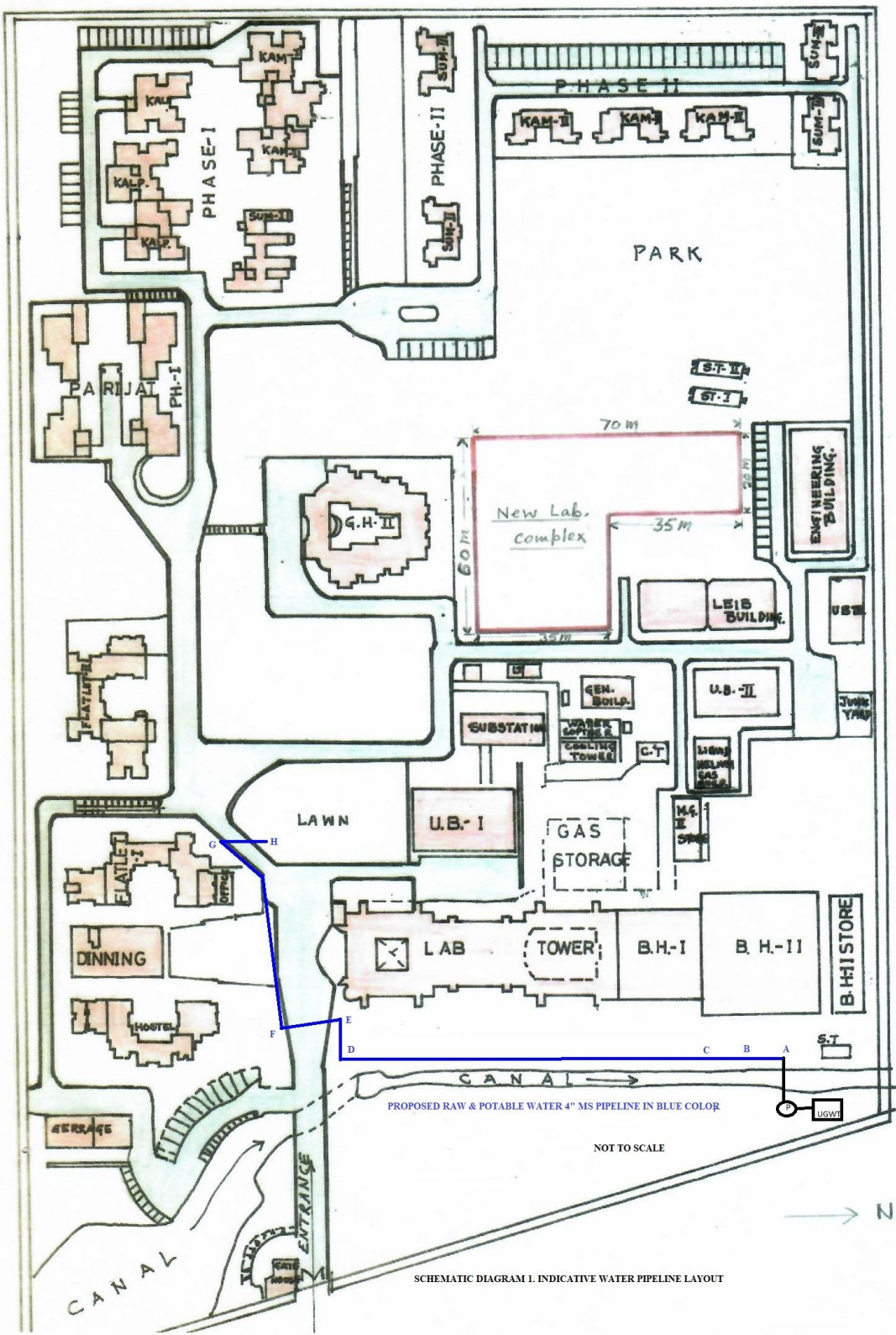


FIG.1 SCHEMATIC DIAGRAM OF INDICATIVE WATER PIPELINE LAYOUT

Seal & Signature of bidder/Bidder

**SCHEDULE OF REQUIREMENTS**

(To be filled by the Indenter)

Sr. No	Brief description of Goods and Services	Quantity	Remarks
1	MS ERW Black Pipe 4" size NB, Heavy Class, IS-1239 including fittings i.e., elbow, tee, bend complete with supports/hangers, 'U' clamps etc., (excluding flanges) & welding of all joints. 4" NB Pipe	250 RM	
2	4" NB flanges (including Gasket, Nuts and Bolts)	08 Nos	
3	Pipeline support including MS-section, U-Clamps, Anchor fasteners, painting etc (for RCC pillars and wall mounting).	72 Nos	
4	Civil works: Digging and refilling (including RCC road 18-inch deep, 6-inch width and 15-meter length, soft soil 2 feet deep, 1 foot width and 20-meter length, for 42 RCC pillars 1' x 1' x2' and 2 feet deep, 1 foot width and 15-meter RCC floor).	50 RM	
5	RCC pillars of 1' x 1' x 2' (minimum 1 foot underground)	42 Nos	
6	Anti-Corrosion paint with one coat of Red-oxide and 2 coats of PU enamel paint	150 RM	
7	Bituminous wrap of 9 mm thick conforming to IS: 10221 over the pipe for underground sections	100 RM	
8	Rubber padding of 3 mm thick all over the pipe where the pipeline fits under clamps	72 NOs	
9	6" NB GI ERW Heavy class fire hydrant header pipe including fittings i.e., elbow, tee, bend complete with supports/hangers, 'U' clamps etc., (excluding flanges) & welding of all joints.	18 RM	
10	Painting (one coat primer + two coat synthetic enamel).	18 RM	
11	Dismantling by gas cutting of 6" NB GI pipe and shifting of the scrap to the junk yard, which is in 500-meter distance.	18 RM	

Seal &amp; Signature of bidder/Bidder

**SITE VISIT UNDERTAKING**

(To be submitted wherever required)

**This certificate shall be furnished duly signed & stamped**

**Certificate/ Undertaking**

This is to certify that we have visited the site where ..... IUAC Campus at Inter-University Accelerator Centre, Aruna Asaf Ali Marg, New Delhi -110067 on ..... and assessed the actual situation & nature of site. We have also assessed the amount of work involved at site for tendered work before submitting our offer. We will be able to complete the above work within stipulated time as per site conditions.

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

**Signature of the Bidder, with Official Seal**

**BID SECURITY DECLARATION FORM**

Tender/Bid No.:

Date: .....

To  
The Director  
IUAC, New Delhi

Dear Sir,

I/We. The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Security Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification, if I am /We are in a breach of any obligation under the bid conditions, because I/We,

- a. have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
- b. having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or reuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Security Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) 28 days after the expiration of the validity of my/our Bid.

Name:

Signed:

Dated on \_\_\_\_\_ day of \_\_\_\_\_

Corporate Seal (where appropriate)

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



**(Undertaking on a Letter head for not having any dispute / blacklisted)**

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 Government 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 wilful 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.

Name & Signature with Seal of the  
Authorized  
Person of the Agency

Place: .....

Date: .....

**Format for Declaration by the Bidder for Code of Integrity & Conflict of Interest**

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 of 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 this affiliate which have 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 goods to be purchased under this Invitation of Bids/Tender.

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

- a
- b
- c

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

Thanking you,

Yours sincerely,

Signature  
(Name of the authorized signatory)  
Company Seal

**CHECK-LIST FOR PRE-QUALIFICATION BID**

<b>Sl. No.</b>	<b>Documents asked for</b>	<b>Page number at which document is placed</b>
1.	Tender Acceptance Letter	
2.	Bid Security Declaration (Annexure V)	
3.	Profile of the bidder	
4.	Undertaking on letter head (as per format prescribed in Annexure-VI) along with tender document.	
5.	Technical Specification/Scope of Work	
6.	Self-attested copy of the GSTIN & PAN card issued by the respective authorities.	
7.	Copies of work/supply orders as specified in the NIT along with satisfactory performance certificates from the concerned employers.	
8.	Annual turnover of last three financial years duly certified by the Statutory Auditors.	
9.	Declaration for Code of Integrity and Conflict of Interest (as per format prescribed in Annexure VII)	
10.	Site Visit Undertaking (Annexure IV)	
11.	Integrity pact (Annexure IX)	
12.	Copy of MSME/NSIC Registration Certificate.	
13.	Declaration of Local Content (Annexure X)	
14.	Any other documents, if required.	

Signature of the Bidder.....  
 (Name and Address of the Bidder)  
 Contact No.....

(For Works Contracts, including Turnkey contracts)

**Integrity Pact**

Tender Ref. No.....

Dated: \_\_\_\_\_

**CERTIFICATE**

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries and hereby certify that this bidder is not from such a country and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority.

OR (whichever is applicable)

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries and hereby certify that this bidder is from \_\_\_\_\_ (Name of Country) and has 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 also certify that this bidder fulfils all the requirements in this regard and is eligible to be considered.

*(Copy/ evidence of valid registration by the Competent Authority is to be attached)*

Signature of Bidder/ Agent

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization Name: \_\_\_\_\_

Contact No.: \_\_\_\_\_

**DECLARATION OF LOCAL CONTENT**

(To be given on Company Letter Head – For tender value below Rs.10 Crores)

(To be given by Statutory Auditor/ Cost Auditor/ Cost Accountant/ CA for tender value above Rs.10 Crores)

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

Subject: - Declaration of Local Content

Tender Reference No: \_\_\_\_\_

Name of Tender/ Work: \_\_\_\_\_

1. Country of Origin of Goods being offered: \_\_\_\_\_
2. We hereby declare that items offered has \_\_\_\_\_% local content
3. Details of the Location at which the Local Value Addition is made \_\_\_\_\_
4. Details of Local Content

“Local Content” means the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of the imported content in the item (including all customs duties) as a proportion of the total value, in percent.

***Bidders offering Imported products will fall under the category of Non-Local Suppliers. They cannot claim themselves as Class-I or Class –II Local Suppliers by claiming the services such as Transportation, Insurance, Installation, Commissioning, Training and After Sale Service Support like AMC/ CMC etc. as Local Value Addition.***

“\*False declaration will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law.”

Yours faithfully,

(Signature of the bidder, with Official Seal)

***Note: Preference shall be given to local suppliers as per revised Public Procurement (Preference to Make in India), Order 2017, No. P-45021/2/2017-PP (B.E-II) dated 16.09.2020 issued by DPIIT, Ministry of Commerce and Industry, Govt. of India. (Submit duly filled Declaration of Local Content for the same). The Declaration once submitted in the Technical Bid will be final. Submission of Revised Declaration will NOT be accepted.***