

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/23 /HAR /2022-23

दिनांक: 04/11/2022

Tender Number: IUAC/NIT/23 /HAR/2022-23

Dated: 04/11/2022

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 " 3 पेटा फ्लोप डाटा सेंटर व् हाइड्रोलिक लिफ्ट लगाने हेतु सिविल कार्य" की आपूर्ति के लिए ऑनलाइन बोलियां आमंत्रित करता है।

Inter - University Accelerator Centre (IUAC) invites online bids on behalf of the Director IUAC, New Delhi through e-procurement Portal under two bid system, viz., and Technical and financial bids, from eligible / experienced parties for the work/supply "Civil works for setting-up of 3PF Data Centre and Hydraulic Lift at IUAC, Aruna Asaf Ali Marg, New Delhi".

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>. Tenderer / Contractors / Bidders are advised to follow the instructions provided in the e-procurement portal. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned documents.

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

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

IUAC in this regard will be binding on all the bidders.

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

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

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

Bidders are advised to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard .XLS BOQ Format with the tender document, then the same is to be downloaded and to be filled and submitted online without modifying the format. **If the BOQ file is found to be modified by the bidder, the bid will be rejected.**

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

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

E-TENDER DOCUMENT

Name of Work	<u>Name of work:</u> “Civil works for setting-up of 3PF Data Centre and Hydraulic Lift at IUAC, Aruna Asaf Ali Marg, New Delhi”.
Tender No.	TENDER NO: IUAC/NIT/23/HAR/2022-23
Tender Value/Estimate	Rs. 19,00,000/- (Rupees Nineteen Lakh only)
Earnest Money Deposit	Rs. 38,000/-
Online payment of EMD	https://services.sabpaisa.in/pages/iuac.html
Bid Submission End Date	24/11/2022 at 3.00 p.m.
Technical Bid Opening Date	25/11/2022 at 3.30 p.m.
Price Bid Opening Date	To be intimated later.
Contact Person	Administrative Officer (S&P)/ Mr. Harshwardhan E-mail: iuacstores@gmail.com / harshpandit24u@gmail.com > Phone: 011-24126018, 24126022.

GENERAL INFORMATION

1	Accepting Authority	Director, IUAC New Delhi.
2	Reference Book	As per CPWD specifications & as given in tender
3	Performance Security	The successful bidder shall be required to deposit an amount equal to 3% of the tendered value of the contract as Performance Security within 15 days after notification of the award and it should remain valid for a period of 60 (sixty) days beyond the date of completion of all contractual obligations of the contractor, including Defect Liability Period (DLP). Performance security may be accepted as FDR/Bank Guarantee/e-Bank Guarantee of scheduled Banks and State Bank of India.
4	Authority competent to grant extension of time	Director or authorized person by Director,
5	Tools & plants	To be arranged by contractor
6	Schedule of Minimum wages	As per notification issued by Govt. of NCT.
7	Authority competent to reduce the compensation amount	Director, IUAC
8	Defect Liability Period	Twelve (12) months from the date of acceptance of completion by the Institute.
9	Release of Performance Security Deposit	The performance security shall be refunded to the contractor without interest after successful completion of the work in all respects.
10	Authority Competent to Appoint Arbitrator	Director, IUAC

(Seal & Signature of bidder)

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.
Bidder who registered already may skip the registration process and login to site through their user ID/Password
2. As part of the enrollment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
4. Upon 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.
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 DSCs to others which may lead to misuse.
6. Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

7. 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.
8. 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.
9. 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

10. 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.
11. 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.
12. 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, GST Certificate 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.
Note: Bidder should take into account any corrigendum published on the tender document before submitting their bids.

SUBMISSION OF BIDS

1. The tender shall be submitted online in two parts, viz., technical bid and financial bid.
2. The offers submitted by hand/Post/Fax/email shall not be considered. No correspondence will be entertained in this matter.
3. All the pages of bid being submitted must be sequentially numbered by the bidder irrespective of nature and content of the documents before uploading.

4. 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.
5. 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.
6. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
7. 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 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.
8. 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.
9. 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.
10. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
11. 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.
12. 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.

13. Code of Integrity for Public Procurement

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

Sr. No.	Term	Meaning
(a)	Corrupt practice	The offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution.
(b)	Fraudulent practice	A misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract.
(c)	Collusive practice	Means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels.
(d)	Coercive practice	Means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract.
(e)	Anti-competitive practice	any collusion, bid rigging or anti-competitive arrangement, or any other practice coming under the purview of the Competition Act, 2002, between two or more bidders, with or without the knowledge of the purchaser, that may impair the transparency, fairness and the progress of the procurement process or to establish bid prices at artificial, non-competitive levels

(f)	Conflict of interest	participation by a bidding firm or any of its affiliates that are either involved in the consultancy contract to which this procurement is linked; or if they are part of more than one bid in the procurement; or if the bidding firm or their personnel have relationships or financial or business transactions with any official of purchaser who are directly or indirectly related to tender or execution process of contract; or improper use of information obtained by the (prospective) bidder from the purchaser with an intent to gain unfair advantage in the procurement process or for personal gain
(g)	Obstructive Practice	materially impede the purchaser's investigation into allegations of one or more of the above mentioned prohibited practices either by deliberately destroying, falsifying, altering; or by concealing of evidence material to the investigation; or by making false statements to investigators and/or by threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or by impeding the purchaser's Entity's rights of audit or access to information.

Instructions for Online Bid Submission

1. The tender documents are available on our website www.iuac.res.in & www.eprocure.gov.in.
2. Tender documents may be downloaded from IUAC's website www.iuac.res.in and CPPP site <https://eprocure.gov.in/eprocure/app> as per the schedule as given in the tender document.
3. Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app>. Tenderer/Contractors are advised to follow the instructions provided in the 'Instructions to the Contractors/Tenderer for the e-submission of the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>'. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.

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.

Tenderer Signature with Seal

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:

5) 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;

6) 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;

7) 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;

8) 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;

9) 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 formats (as given in annexure VI) on their registered Company's letter heads.**

Tenderer Signature with Seal

SCOPE OF WORK

Scope of work will include following jobs/sub works as per detailed terms condition of tender & BOQ items:

1. **Civil works for setting-up of 3PF Data Centre at IUAC, Aruna Asaf Ali Marg, New Delhi.**

A Data Centre (3.0 PF Capacity) is proposed to install Under National Super Computing mission (NSM) Phase-3 at Material Science Building, IUAC. For setup of same necessary civil works is to be carried out under this tender scope as detailed in BOQ items. The following are the sub works/major items which is to be carried out:

Inside Building /Space Proposed for Data Centre installation

- a. Removal of existing wall and doors of corridor.
- b. Removal of false ceiling, AC duct and other items like cable tray, cables, CCTV etc in corridor.
- c. Removal of hoist and its travelling rail from room no. 106.
- d. Removal of existing light fittings, smoke detectors, general power cable tray etc. from all space
- e. Removal of door towards LEIBF HV deck, room no. 105A & 106 and providing fire rated wall at door locations.
- f. Removal of water lines in room no. 106.
- g. Replacement of main entry door to the building and corridor entry door.
- h. Providing floor tiles in room no. 106.
- i. Overall cleaning, painting and finishing of all space with required misc. civil work

On roof top of Building /Space Proposed for Cooling Items installation

- j. Removal of mud phaska and marking of all utilities plan.
- k. Providing water proofing, column bracing & structural platform at roof for installation of water tanks, adiabatic coolers, pumps etc.

Outside of Building /Front side

- l. Providing paver tiles at main entry floor of the building.
- m. Providing ACP sheet paneling on pipe bridge and column on south side of building.
- n. Filling of open well type structure backside of Building.
- o. Misc. civil cleaning and beautification works.

Porta cabin adjoining to building to be used for setup of Utilities

- p. Replacement of roof GI sheets and false ceiling of Porta Cabin.
- q. Providing flush doors between battery section and electrical panel section in Porta Cabin.
- r. Providing LED lighting in false ceiling in Porta Cabin.
- s. Providing partition above false ceiling at entry gate no. 2.

2. **Civil works for setting-up of Hydraulic Lift at IUAC, Aruna Asaf Ali Marg, New Delhi**

A Hydraulic lift is proposed to be installed at Low Energy Ion Beam (LEIB) Building, IUAC. For setup of same necessary civil works are to be carried out by under this tender scope as detailed in tender documents BOQ items.

The following are the sub works/major items which is to be carried out

- a. Suitable ramp from roadside to lift platform with suitable slope for approach up to platform
- b. Wall opening, Door provision for lift opening at first floor
- c. Relocating the existing service lines of rain water, drain water etc.

Above scope of work is tentative and brief summary of the work. The necessary works and detail of individual items may differ from above and contractor is bound to do all the work which is in BOQ and listed above and may require during execution of works.

GENERAL TERMS & CONDITIONS

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

2. Detail of Bids:

2.1 Technical Bid (Part-A): In this bid, the bidder shall upload the scan copies of the following: The following essential documents are required for Technical Qualification:

- i Covering letter on Company's Letter Head
- ii **Copies of work orders and completion certificates of similar type of works** (similar type of works means Civil & Structural works of building construction executed successfully during the last 7 yrs. (ending on the last day of submission of bids) in Government organizations, Govt. Autonomous organizations, public sector units of Central and State Governments, with at least **one work of value not less than Rs. 15.20 lakh** or **two similar works, each of value not less than Rs. 9.50 lakh** or **three similar works, each of value not less than Rs. 7.60 lakh.**
- iii Copies of the audited balance sheets /average turnover certificates duly certified by CA (more than 30% of the estimated tender cost) of the past three financial years along with copies of ITRs
- iv Copies of PAN no., GST Reg. no
- v Tender acceptance letter (as per annexure - I of tender document) on bidder's letter head duly signed & stamped by the bidder as acceptance of all terms & condition of tender.
- vi Undertaking for Site Visit has to be submitted as per Annexure – II
- vii Bid Security Declaration for MSME as per Annexure – III on the Letter Head of the Bidder
- viii Undertaking On the Letter Head of the Bidder as per Annexure IV
- ix Declaration by the Bidder for Code of Integrity & conflict of interest On the Letter Head of the Bidder as per the Format given in ANNEXURE-V
- x Declaration by the Bidder Certificate for Tenders involving procurement (On Bidder's letterhead) as per the Format given in ANNEXURE-VI
- xi Profile of company (organizational setup, credentials, list of plant, machinery & tools in his possession, contact detail along with email address) as per Annexure – VII
- xii Check-list for pre-qualification bid as per the Format given in ANNEXURE-VIII.

2.2 Price Bid (Part-B): In this bid, the tenderer 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, ladders & scaffolding required for work, freight, Insurance, and all applicable Govt. Duties, **excluding GST (payable separately as/if applicable)**, levies & taxes, transport / cartage of materials and all other expenses not specifically mentioned but reasonably implied. Nothing over and above these rates shall be payable to contractor. However, if any fresh taxes are imposed by State/Central/Statuary bodies during the currency of contract, the same shall be borne by Institute. 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 rejection of Bid. No further compensation on that item can be considered later. The bidders should quote unconditional rates.

3. Validity of Tender: 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 opening of Price bid. No tenderer can withdraw/or modify his tender or revoke the same within the said period of 90 days. If a tenderer on his 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. 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.

4. Earnest Money Deposit: 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) 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.

5. 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.

6. Clarification of Bids and shortfall documents

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

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

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

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

8. Performance Security Deposit: The successful bidder shall be required to deposit an amount equal to 3% of the tendered value of the contract as Performance Security within 15 days after notification of the award/LOI and it should remain valid for a period of 60 (sixty) days beyond the date of completion of all contractual obligations of the contractor, including Defect Liability Period (DLP).

Performance security may be accepted as FDR/Bank Guarantee/e-Bank Guarantee of scheduled Banks and State Bank of India. If tenderer fails to deposit the said performance security within the period as indicated, the LOI may automatically stand cancelled without any notice to the tenderer and without prejudice to any other right.

9. Completion time: 90 days (will be reckoned from 15th day of issue of LOI): The time shall be the essence of this contract and entire work as titled above is to be completed in all respects within a period of 90 days. The time allowed for the commencement of work to be reckoned from the 15th day after the date of issuance of LOI. Any delay in completing the work

for reasons attributable to the Contractor is liable for liquidated damages as per clause 17 of General Terms & Conditions. Under the force-majeure conditions, IUAC may grant suitable time extension without penalty for which the contractor has to request along with the justification/ reasons well in advance to 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 Director, IUAC regarding time extension will be final and binding on the contractor.

However, in case the works are delayed beyond the scheduled completion period, IUAC reserves the right to get the work done by any other contractor/agency at the risk and cost of the bidder and amount to this affect will be deductible from tenderer's bills/dues with an additional amount @ 10% as departmental charges.

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

11. Site Conditions: Contractor shall acquaint himself fully with the site conditions and the working environment of IUAC before quoting his rates. 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 –II enclosed in tender).

12. Security Deposit: A security deposit equal to five (5) % of the value of work (excluding of GST) will be deducted from Contractor's bills and shall be refunded after the completion of defect liability period of one year after ensuring successful performance of the system executed by the contractor.

13. Terms of Payment: The payment shall be made after completion of works on submission of the bills in proper format by the contractor after due certification by the IUAC engineer responsible for supervision of the work. Contractor can submit two interim or running bills and one final bill after completion of work for claiming payment based on actual quantities of items of work executed & measured as per BOQ, drawings and Engineer's site instructions.

14. Defect Liability period: Defect liability period shall be **one year** from the date of completion & handing over (whichever later) of work. Any defect arising in this period due to contractor's fault will be rectified by him at his own cost. Failure to do so shall lead to forfeiture of security deposit.

15. Labour Laws: The contractor will abide by all the rules and regulations related to labour laws, accident, workmen compensation act, workmen insurance 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 have his own arrangement to escort the labour to the nearest hospital for treatment in case any injury happens to any worker during execution.

16. Rules governing the Contractor's employees working in the IUAC Premises: 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 workman's part will be recoverable from the contractor's bills. Manpower deployed by the contractor at site for carrying out contract work is strictly prohibited being associated with any other works on the campus.

17. 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 @ 0.5% of the contract value (except GST) per week will be deducted subject to a maximum of 10% of contract value (except GST).

However, in case the works are delayed beyond the scheduled completion/ contract period, IUAC reserves the right to get the work/part work done by any other contractor/agency at the risk and cost of the bidder and amount to this affect will be deductible from tenderer's bills/dues with an additional amount @ 10% as departmental charges.

18. Extra or substituted item- If any extra or substituted item appears in the work, contractor shall submit its rate analysis supported with documents which shall be approved by IUAC. If required, IUAC can make its own analysis based on DSR

document of CPWD or based on market rates for determining item rate and pay to contractor accordingly.

19. Tenderer to satisfy himself of site conditions:

Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tender regarding nature of the site conditions, the means of access of the site, the accommodation they may require and in general obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender in any manner. A tenderer 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.

20. Tender liable to rejection:

Tenderers which do not fulfill 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: -

21. Tenders containing remarks uncalled for.
 - Conditional tenders
 - Tenders not submitted on prescribed Performa.
 - Telegraphic / Fax/ Postal tenders.
 - Tenders submitted late
 - Tenders with NIL consideration
 - Not submitted required documents as per tender

22. Water /Electricity for Execution of Works:

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

- (i) **The Electricity and water charges @ 1% and 1 % respectively shall be recovered on gross amount (excluding of GST) of the work done.**
 - (ii) The contractor(s) shall make his/their own arrangement of electricity and water connection by laying of electric cable / pipelines from existing main of source of electric/water supply. (iii) The Department do not guarantee to maintain uninterrupted supply of electricity / water and it will be incumbent on the contractor(s) to make alternative arrangements for electricity /water at his/ their own cost in the event of any temporary break down in the Government electric/ water main so that the progress of his/their work is not held up for want of electricity and water. No claim of damage or refund of charges will be entertained on account of such incident.

23. **Force Majeure:** The right of the contractor 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, including not limited to acts of God, or of the public enemy, restraints of a sovereign state, firms, floods, pandemic/epidemic and war.

24. **Termination of Contract:** - The Director, IUAC reserves the right to terminate the contract on account of poor workmanship, failure to mobilize site within ten (10) 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 Performance Security Deposit/Security Deposit held with Centre shall be forfeited by IUAC.

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

26. **Dispute Settlement:** It is mutually agreed that all differences and disputes arising out of or in connection with these agreements shall be settled by mutual discussions and negotiations if such disputes and differences cannot be settled and resolved by discussions and negotiations then the same shall be referred to the sole Arbitrator appointed by the Director, IUAC whose decision shall be final and binding on both the parties. The contract shall be governed by laws and procedures

established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such commercial dealings/ processing.

27. Negotiations: Normally, there shall not be any negotiation. Negotiations, if at all, shall be an exception and only in the case of items with limited source of supply. Negotiations shall be held with the lowest evaluated responsive bidder. Counter offers tantamount to negotiations, shall be treated at par with negotiations.

28. Termination for Insolvency: IUAC may at any time terminate the Contract by giving written notice to the Contractor, if the Contractor 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.

29. Samples: After award of work of the tender contractor shall show the relevant samples of all items at his own cost to Institute before start of work. These samples will be sealed by the IUAC in the presence of the contractor, if he so desires and shall remain in the custody of the IUAC for reference and comparison till the completion of work.

30. Correspondence: Tender must mention their postal address and telephone number(s) of the Chief Executive/authorized agent or attorney in the tender. The tender submitted by the tenderer will be rejected if he or his agent cannot be contacted on the last known address or on the intimated telephone number(s) after reasonable search in which event earnest money may be forfeited by the IUAC.

31. IUAC not to assign any reason for rejection of tender: Director, IUAC hold absolute discretion to accept or reject the lowest or any other tender without assigning any reason. No claim on this account shall be entertained.

32. Amendment in tender documents: IUAC reserve the right to revise or amend the Bid Documents up to the date prior to the date notified for opening of the tenders and also the right to postpone the date of submission and opening of tenders without assigning any reason, whatsoever.

33. IUAC will not pay any expense, whatsoever incurred by tenderer for the preparation and submission of tenders.

34. 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.

35. The notice inviting tender, will form part of the contract agreement to be executed by the successful tenderer with the IUAC.

36. IUAC also reserves the right to change the quantities of the units while issuing the letter of award of work.

37. REFERENCE IN TENDER DOCUMENTS: Director, IUAC, shall be referred as "Owner" in all the documents of Tender documents/contract agreement.

38. OFFICER INCHARGE: Wherever the word "In charge." occurs it shall mean the authorized Officer appointed by the IUAC for the superintendence of the execution or related work.

Tenderer Signature with Seal

CARRYING OUT OF WORK

1. All the work shall be carried out in accordance strictly as per the specifications given in the tender to the total satisfaction of the Institute. In the case of an item for which specification are not available in the said specifications relevant to BIS /CPWD specifications applicable as on the date of tenders shall be followed.
2. The works shall be inspected by our IUAC Engineers or the person nominated by the Director IUAC. The contractor shall extend full co-operation and render all necessary facilities for inspection of the work to the inspecting authority without any additional cost to IUAC. It must be noted that any observations/ comments/ recommendations of the said technical consultants shall be binding on the contractor.

CONTRACTOR'S RESPONSIBILITY FOR THE MANNER OF EXECUTION OF WORKS

3. 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.

SPECIFICATIONS:

4. During execution of work, the contractor should follow all standard norms of safety measures/precautions as per relevant IS codes and CPWD specifications to avoid accidents/damages to man, machines and buildings, at his own cost.
5. 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.
6. The Director shall have the power to insist upon the contractor to purchase and use such materials of approved make which may in his opinion be necessary for proper and reasonable compliance with the specifications and execution of work.
7. **QUANTITIES AND OTHER ADDITIONS/ALTERATIONS/ DEVIATIONS:** Quantities in the B.O.Q. are estimated quantities which may vary during the execution of the work. Payment shall be made as per actual quantities executed without any change in the contracted rate due to variation in quantity, if any. The successful bidder shall have to make detailed estimation of required quantities before supplying the material at site.

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

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

10. SITE WORKING RULES AND REGULATIONS:

- i. The contractor shall furnish IUAC, the Power of Attorney name and signature of his authorized representative who will be in-charge of the execution of the works at site. The contractor shall also furnish the list of technically qualified persons employed by him for execution of the works.
- ii. Save as otherwise specifically provided in this Agreement the rates and prices herein, unless otherwise stipulated elsewhere in this Agreement, include all the costs, expenses and outlays of the contractor for executing the works and fulfilling all the obligations of the Contractor under this agreement.

11. INSPECTION OF WORK

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

AGENCY'S RISKS

- 12.** 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.
- 13. ACTION AND COMPENSATION PAYABLE IN CASE OF BAD WORK:** If it shall appear to IUAC, or our representatives, that any work has been executed with unsound, imperfect or unskillful workmanship or with materials of any inferior description or that any materials or articles provided by him for the execution of the work are unsound or of a quality inferior to the contracted for, or otherwise not in accordance with the contract and provide other and suitable materials or articles so specified at his own cost and in the event of his failing to do so within a period to be specified by the IUAC in his demand aforesaid, then the contractor shall be liable to pay compensation at the rate of one percent on the amount of the work order for every week not exceeding ten days while his failure to do so that continue and in the case of any such failure IUAC, may rectify or remove, and re-execute the work or remove and replace with other materials or articles complained of, as the case may be at risk and expenses in all respects of the contractor.
- 14.** Contractor should depute a technically qualified supervisor dedicated for this work, who will monitor and coordinate work from contractor's side and interact with the IUAC Engineers, responsible for supervision of work, on regular basis.
- 15.** The contractor will arrange all necessary materials, tools, equipment, access ladders & scaffolding, measuring instruments and working consumables etc. needed for execution of the works. Safe custody of all such material will be contractor's sole responsibility. No extra charges will be paid for the same. Watch and ward of all material till the system is taken over by IUAC shall be the sole responsibility of the contractor and pilferage etc. shall be entirely to his account.
- 16.** 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.
- 17.** 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.
- 18.** During execution of the work, contractor should dispose-off waste material on regular basis and should keep the area of work properly cordoned off and neat and clean as far as possible. After completion of work, contractor should clear the site completely of all unwanted and junk material before submitting his final bill.
- 19.** 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.
- 20.** During execution of work, Engineer can make minor changes in the scope of work as per site conditions or other reasons. Contractor will have no extra claim in his rates for the same.
- 21.** During execution of work, the contractor should follow all standard norms of safety measures/precautions as per relevant IS codes and CPWD specifications to avoid accidents/damages to man, machines and buildings, at his own cost. Contractor will have his own arrangement to escort the labour to the nearest hospital for treatment in case any injury happens to any worker during execution of work.
- 22.** Contractor will use only approved makes of materials as listed below and will get the samples of these materials approved by IUAC Engineer before incorporating in the work.
- 23.** Before working, in area all instrument /machines /system/furniture /electronic item to be covered with tarpaulin /polythene cover to ensure protection and to prevent dust entry. For this no extra payment to be made to contractor. He will do it on his own cost. The same shall be included in rate quoted in respective item
- 24.** Contractor may see the site before quoting rate to see the actual condition of work/site. No extra payment to be made later for work.
- 25.** Payment for executed work will be made to contractor based on actual measurement only.
- 26.** Detailed specification of various items of work with respect to materials and workmanship and method of measurements shall conform to relevant IS codes and CPWD specifications, UNO.

Seal & Signature of Contractor

TECHNICAL SPECIFICATIONS & SPECIAL CONDITIONS OF CONTRACT

1. CARRYING OUT 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. In the case of an item for which specification are not available in the said specifications relevant to BIS /CPWD specifications applicable as on the date of tenders shall be followed.

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

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

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

3. SPECIFICATIONS:

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

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.

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

In the event of any variation/discrepancy in the drawings, specification and tender documents the decision of the Institute shall be final binding and conclusive on the contractor.

As required by IUAC, or his representative, the contractor shall provide all facilities at site or at manufacturer's works or an approved laboratory for testing of materials and/or workmanship. All the expenditure in respect of this shall be borne by the contractor wherever applicable. The contractor shall, when required to do so by IUAC, submit manufacturer's certificate that the materials have been tested in accordance with requirements of the specifications.

Neither the omission by IUAC, to test neither the materials nor the production of manufacturer's certificate etc., as aforesaid shall affect the right of the IUAC to reject after delivery the materials found not in accordance with the specifications.

4. QUANTITIES AND OTHER ADDITIONS/ALTERATIONS/ DEVIATIONS

Quantities in the B.O.Q. are estimated quantities which can vary up to $\pm 25\%$ during the execution of the work. Payment shall be made as per actual quantities executed without any change in the contracted rate due to variation in quantity, if any. The successful bidder shall have to make detailed estimation of required quantities before supplying the material at site.

5. **Final payment** will only be made against the actual quantities installed and not on the basis of items supplied. For this a joint measurement by IUAC engineer 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.

6. Minor civil works like making holes/openings in walls, support grouting, filling of opening etc shall be in the bidder's scope and nothing extra shall be payable to bidder on this account.

7. QUANTITY OF PAINT TO BE BROUGHT AT SITE AND ACTUAL QUANTITY TO BE USED

Contractor has to bring and deposit a minimum quantity of all types of paints at IUAC site before starting the work. This minimum quantity shall be worked out using standard paint coverage formula and CPWD standards as per BOQ quantities and in consultation with Engineer In-charge. However, to achieve good finish or to get an even shade, the contractor has to arrange more painting material than the minimum quantity as per requirement of site.

8. The IUAC shall have power to make any alterations or omissions or additions or substitutions in the original specifications, drawings, designs and instructions that may appear to be necessary or advisable during the progress of the work, and the contractor shall be bound to carry out the work in accordance with any instructions which may be given to him in writing signed by the IUAC and such alterations, additions or substitutions shall not invalidate the contract and any altered, additional or substituted work which the contractor may be directed to carry out in the manner above specified as part of the

work shall be carried out by the contractor on same conditions in all respects on which he agreed to do the main work. The time for the completion of the work shall may be extended on request of bidder before completion of work, in proportion that the altered additional or substituted work has to the main work at the sole discretion of the IUAC, and his decision in this regard shall be final and binding on the contractor.

9. All tenderers are required to quote as per specifications stipulated hereunder. Rates for all items shall be quoted as specified hereunder. After the award of the contract, the work shall be carried out as per approved samples / drawings. For dimensional variation + - 1 inch may be considered at the completion stage, there shall not be any rate difference. If the dimensional changes are more than the above limit, modified rates shall be worked out derived from the quoted contract rates. Rates for extra/substituted items, should they become necessary during the execution of the work shall be settled on analysis of rate to be submitted by the contractor for such items.

10. QUALITY CONTROL OF MATERIAL

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

11. SITE WORKING RULES AND REGULATIONS:

- ii. The contractor shall furnish IUAC, the Power of Attorney name and signature of his authorized representative who will be in-charge of the execution of the works at site. The contractor shall also furnish the list of technically qualified persons employed by him for execution of the works.
- iii. Save as otherwise specifically provided in this Agreement the rates and prices herein, unless otherwise stipulated elsewhere in this Agreement, include all the costs, expenses and outlays of the contractor for executing the works and fulfilling all the obligations of the Contractor under this agreement.

14. INSPECTION OF WORK

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

13. AGENCY'S RISKS

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

14. ACTION AND COMPENSATION PAYABLE IN CASE OF BAD WORK:

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

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

16. The contractor will arrange all necessary materials, tools, equipment, access ladders & scaffolding, measuring instruments and working consumables etc. needed for execution of the works. Safe custody of all such material will be

contractor's sole responsibility. No extra charges will be paid for the same. Watch and ward of all material till the system is taken over by IUAC shall be the sole responsibility of the contractor and pilferage etc. shall be entirely to his account.

17. 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.

18. 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.

19. During execution of the work, contractor should dispose-off waste material on regular basis and should keep the area of work properly cordoned off and neat and clean as far as possible. After completion of work, contractor should clear the site completely of all unwanted and junk material before submitting his final bill.

20. 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.

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

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

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

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

25. Painting / Colour theme will be decided in consultation with IUAC. No extra amount will be paid for using 2 or 3 colors at designated locations.

26. Making yellow lines at designated places on Epoxy floor will be included at no extra cost.

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

28. Before starting of the work, a sample of required shade for paints /distemper will have to be prepared as per direction of Engineer-In Charge and got approved

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

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

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

32. Enamel colour theme will be decided in consultation with IUAC. No extra amount will be paid for using 2 or 3 colours at designated locations.

33. Measurement: Area of surface covered shall be measured to be nearest Sq.cms

34. Before starting of the work, a sample of required shade for paints /distemper will have to be prepared as per direction of Engineer-In Charge and got approved.

Seal & Signature of Contractor

LIST OF APPROVED MAKES

1. **Acrylic / Oil bound distemper:** Asian, Jenson & Nicholson, Berger
2. **Premium Acrylic Emulsion Paint:** Shalimar, Asian, Jenson & Nicholson, Berger, ICI, Nerolac
3. **Enamel paint:** : Do
4. **Epoxy Paint** : Do
5. **PU Enamel** : MRF ,Berger,Asian ,Jenson & Nicholson
6. **POP:** JK ,Laxmi,Sakarni ,Sri Ram ,Nirman & Aadhar SHREE
7. **Wall Putty:** Birla,Woodco ,JK Wall Care ,Asian
8. **MS pipe/ Sheet** : Jindal, Tata ,Mahavir ,
9. **Structural M.S. Sections** : Sail, Tisco, Jindal ,Rana, Tata, Capital
10. **Hot finished /ERW MS tubes:** TATA, Jindal ,Well SPUN, TTT, Jyoti, Appollo Tubes
11. **Silicon Sealant** : Pidilite, Fosroc, Tuffseal, Choksey chemical.
12. **Steel Reinforcement Bars** : RINL,TISCO, Sail ,Jindal
13. **Cement** : OPC /PPC confirming to IS :1489 -ACC,Birla, AMBUJA, Jaypee, J.K Cement,JK Cement
14. **Ceramic Tiles & Glazed Tile** : Varmora, Johnson, Kajaria, OASIS, Somany, Orient Bell, RAK
15. **Cheured CC Tile /Paver** : Nitco, K.K Manhole, Ultra ,Unistone , Terrafirma
16. **Flush Door:** Century ,Ply Board, Duro ,Alpro, Minimax , Greenply & Jain Door
17. **Aluminium Section:** Jindal ,Hindlco, Indal , Mahavir
18. **UPVC Windows/ Door** : Fencsta, Rehav Poly wood, Duroplast , Rajshri Plastiwood
19. **UPVC Pipe** : Kisan, Supreme, Prince ,Finolex, Duroplast
20. **GI pipe** : Jindal ,Tata
21. **Dash Fastener** : Hilti, Fisher, Bosch ,Canon
22. **ACP (Aluminium Composite Sheet** : Indobond, Alstrong, Alucobond, Eurobond
23. **False Ceiling Material:** Armstrong ,Gyprock
24. **Corrugated Sheet:** Durashine (Tata), Nippon, Jindal, Essar

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

Date: _____

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

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Name of Tender / Work: _____

Dear Sir,

1. We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely: as per your advertisement, given in the above-mentioned website(s).
2. We hereby certify that we have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s), etc ..), which form part of the contract agreement and we shall abide hereby by the terms / conditions / clauses Contained therein.
3. The corrigendum(s) issued from time to time by your department/ organizations too have also been taken into consideration, while submitting this acceptance letter.
4. We hereby unconditionally accept the tender conditions of above-mentioned tender document(s) / corrigendum(s) in its totality / entirety.
5. We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/ Public sector undertaking.
6. We certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

Annexure – II

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

Certificate/ Undertaking for site visit

This is to certify that we have visited the site where

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

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

(Signature of the Bidder, with Official Seal)

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
35. of cancellation of the entire tender process or rejection of all bids or
36. 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)

Annexure IV

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

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

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

Place:

Date:

Annexure V

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

(Name of the Authorized Signatory)

Company Seal

Annexure- VI

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

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

Tenderer Signature and seal

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

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

Tenderer Signature and seal

PROFILE OF THE BIDDER (on Bidder's letterhead)

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

Signature of the Bidder & Seal

Annexure- VIII

CHECK-LIST FOR PRE-QUALIFICATION BID FOR

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

(Seal & Signatures of Contractor)

(Name and Address of the Bidder)

Telephone No.

BOQ/PRICE BID

(Price of all the items should be quoted in the standard BOQ format of this tender, Incomplete price bid will be rejected)

Tender Inviting Authority: INTER UNIVERSITY ACCELERATOR CENTRE

BILL OF QUANTITY					
Name of Work: Civil works for setting-up of 3PF Data Centre and Hydraulic Lift at IUAC, Aruna Asaf Ali Marg, New Delhi					
S. No	Item description	Unit	Qty.	Unit Rate	Total
1	Demolishing brick work laid in cement mortar manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 100 metres lead as instructed by Engineer.	Cum	15.0		
2	Dismantling doors, windows and clerestory windows (steel ,aluminium or wood) shutter of area 3 sq. metres and below including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead.	Each	30.0		
3	Dismantling false ceiling metal panel including MS grid/ supporting arrangement manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 100 metres lead as instructed by Engineer.	Sqm	230.0		
4	Dismantling steel work in single sections (R.S. Joists, MS pipes, Angles etc. including dismembering and stacking within 100 metres lead including 2 or more coat of PU enamel paint over primer coat all complete.	Kg	1100.0		
5	Dismantling G.I. pipes (external work) of any nominal bore including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 100 metres lead as per direction of Engineer-in-charge	Meter	65.0		
6	Dismantling PVC,C.I. or asbestos rain water pipe (dia. Ranging from 75 to 150 mm dia pipe with fittings and clamps including stacking the material within 100 metres lead or as per Engineer-in-Charge.	Meter	20.0		
7	Dismantling existing light, smoke detector, light fitting, general power cable within premises/ working site of Proposed Data Centre Building with ensuring safety of existing infrastructure, men, material including removing and refilling trenches after taking out the conduits/wires/cable, manually/ by mechanical means including stacking of serviceable material within 50 metres lead as per direction of Engineer-in-charge complete. Note : Contractor may see the site to see the actual condition and volume of work .No further claims for extra ,height etc. will be considered for this job	L.S	1.0		
8	Demolishing cement Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.	Cum	1.0		
9	Dismantling of flexible pavement (bituminous courses) by mechanical means and disposal of dismantled material up to a lead of 1 kilometre, as per direction of Engineer-in-charge.	Cum	2.0		
10	Demolishing brick tile covering in terracing including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	Sqm	20.0		
11	Demolishing mud phaska in terracing and disposal of material within 50 metres lead.	Cum	20.0		
12	Dismantling roofing made up of G.S. Sheet in complete respect and stacking the material within lead of 200 meter as per direction of Engineer:	sqm	90.0		
13	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material within 100 meters lead as directed by Engineer-in-charge	Sqm	185.0		

14	Earth work (All kinds of soil) in excavation by mechanical means (Hydraulic excavator)/ manual means including getting out, back filled & disposal of excavated earth lead up to 50 m and lift up to 1.5 m, as directed by Engineer-incharge.	cum	21.0		
15	Providing and laying in position cement concrete of 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size) grade :	cum	1.5		
16	Providing and laying in position cement concrete of 1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size) grade	cum	12.0		
17	Centring and shuttering including strutting, propping etc. and removal of form work for Foundations, footings, bases for columns	Sqm	2.0		
18	Steel reinforcement (Thermo-Mechanically Treated bars of grade Fe-500D or more.) for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.	Kg	180.0		
19	Centring and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers , Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	3.0		
20	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centring, shuttering, finishing and reinforcement :	Cum	2.0		
21	Random rubble masonry with hard stone in making side wall of ramp with Cement mortar 1:6 (1 cement : 6 coarse sand)and upto floor five level, including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) complete as direction of Engineer In Charge .	Cum	5.0		
22	Raised and cut pointing on stone work with cement mortar (1:3).	Sqm	30.0		
23	Brick work with common burnt clay F.P.S. (non modular) bricks in Cement mortar 1:6 (1 cement : 6 coarse sand)of class designation 7.5 in foundation and plinth.	cum	20.0		
24	Brick work with common burnt clay F.P.S. (non modular) bricks in Cement mortar 1:6 (1 cement : 6 coarse sand) of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :	cum	4.0		
25	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster/tile fixing including disposal of rubbish to the dumping ground within 100 metres lead.	sqm	30.0		
26	Repairs to plaster With cement mortar 1:4 (1cement: 4 coarse sand) of thickness 12 mm to 20 mm in patches of area 2.5 sq. Meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.	Sqm	15.0		
27	P/F 15 mm cement plaster of 1:4 (1 cement: 4 coarse sand) on brick work	sqm	50.0		
28	Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification	Litre	20.0		
29	Neat cement punning on cement/concrete surface	Sqm	30.0		
30	Pebble dash plaster up to 10 m height above ground level with a mixture of washed pebble or crushed stone 6 mm to 12.5 mm nominal size, dashed over and including fresh plaster in two layers under layer 12 mm cement plaster 1:4 (1 cement : 4 coarse sand) and top layer 10 mm cement plaster with cement mortar 1:3 (1 cement : 3 fine sand) mixed with 10% finely grounded hydrated lime by volume of cement.	Sqm	10.0		
31	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and including 2 or more coat of PU enamel paint over primer coat all complete.	Kg	2200.0		
32	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including Chequered/Plain MS plate including cutting, hoisting, fixing in position including 2 or more coat of PU enamel paint over primer coat all complete.	kg	1250.0		

33	P/F tubular (round /square/rectangular hollow shape) pipes Electric resi or butt welded tubes , including cutting, welding ,hoisting, fixing in position after making them oval/half round shape as per drawing and site instruction including applying a priming coat of approved steel primer and two coats of PU enamel paint of approved make and colour .	kg	1400.0		
34	Providing and fixing carbon steel galvanised (minimum coating 5 micron) dash fastener of 60 x 10 mm size double threaded 6.8 grade (yield strength 480 N/mm2), counter sunk head, comprising of 10 mm dia polyamide PA 6 grade sleeve, including drilling of hole in frame , concrete/ masonry, etc. as per direction of Engineer-in-charge.	Each	80.0		
35	Welding by gas or electric plant including transportation of machine / plant at site etc. complete.	Cm	500.0		
36	Providing and fixing on wall face M.S. pipes conforming to IS:1239 Part-1 (2004) with thickness not less than 5.5mm, including jointing/welding and making it all complete in respect including tee junction at top of rain water pipe, as per direction of Engineer-in-Charge. Dia. Of pipes may vary from 75mm to 150mm depending on site suitability & as per direction of Engineer-in-Charge.	Kg	100.0		
37	Providing and fixing M.S. clamps of approved design to rain water pipes embedded in and cost of cutting holes and making good the walls etc. for different dia of pipes at site, as per Engineer-in-Charge:	Each	15.0		
38	Providing and fixing precoated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns' epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 meter or as desired by Engineer in- charge. The sheet shall be fixed using self-drilling /self-tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required	sqm	90.0		
39	Chequered precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand).: Medium shade pigment using 50% white cement & 50% Grey cement	Sqm	50.0		
40	Providing and fixing precast GRC concrete tile , size 230 mm x75 mm ,(thickness to be specified by the manufacturer), of approved make, in all colours, shades as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	Sqm	30.0		
41	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	sqm	10.0		
42	Providing and laying Double charge vitrified tile polished finish of in floor in size of Tile 600 x 600 mm (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, Fixing glazed/ Ceramic/ Vitrified floor tiles with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477, in average 3mm thickness jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only. Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, levelling system and rubber	Sqm	35.0		

	mallet for placing the tiles gently and easily :				
43	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge.	Sqm	35.0		
44	Providing and fixing G.I. pipes 15 mm dia nominal bore complete with G.I. fittings including trenching and refilling etc.	Metre	5.0		
45	Providing and fixing fire resistant door frame of section 143 x 57 mm having built in rebate made out of 16 SWG G.I. sheet (zinc coating not less than 120 gm/sqm) duly filled with vermiculite based concrete mix, suitable for mounting 60 minutes' fire rated door shutters. The frame is fitted with intumescent fire seal strip of size 10x4 mm (minimum) around the frame and fixing with dash fastener of approved size and make, including applying a coat of approved brand fire resistant primer etc. complete as per direction of Engineer-in-charge (Dash fastener to be paid for separately)	Rmtr	14.0		
46	Providing and fixing 50 mm thick glazed fire resistant door shutters of 60 minutes fire rating conforming to IS:3614 (Part-II), tested and certified as per laboratory approved by Engineer-in-charge, with suitable mounting on door frame, consisting of vertical styles, lock rail, top rail 100 mm wide, bottom rail 200 mm wide, made out of 16 SWG G.I.sheet (zinc coating not less than 120 gm/m ²) duly filled FR insulation material and fixing with necessary stainless steel ball bearing hinges of approved make, including applying a coat of approved fire resistant primer etc. all complete as per direction of Engineer-in-charge (panelling to be paid for separately).	Sqm	6.0		
47	Providing and fixing panic bar / latch (Double point) fitted with a single body, Trim Latch & Lock on back side of the Panic Latch of reputed brand and manufacture to be approved by the Engineer- in- charge, all complete	Each	2.0		
48	Providing and fixing factory made uPVC white colour casement/ Casement cum fixed glazed door comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, zinc alloy (white powder coated) 3D hinges and one handle on each side of panels along with zinc plated mild steel multi point locking having transmission gear, cylinder with keeps and one side key, G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws, etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single glass panel 5.5 mm thick and silicon sealant shall be included and paid under in this items). Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made.: Casement door with top hung ventilator with 3D and S.S. friction hinges (400 x 19 x 1.9 mm) made of (big series) frame 67 x 64 mm, sash 67 x 110 mm & mullion 67 x 80 mm all having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of door upto 2.50 sqm) : For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable.	Sqm	8.0		
49	Filling available excavated earth (excluding rock)/malba in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 300 m and lift upto 1.5 m.	Cum	30.0		
50	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	Cum	7.0		

51	Excavating, supplying and filling of local earth (including royalty if any) by mechanical transport upto any lead also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	Cum	2.0		
52	Providing, fabricating, supplying installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. with open grooves for linear as well as curvilinear portions of the pipe racks, of 6 meter heights. Base frame work for ACP cladding is payable under the relevant MS items. The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete, as per the drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge. However, for the purpose of payment, only the actual area on the external face of the curtain wall with Aluminum Composite Panel Cladding (including width of groove) shall be measured in sqm. up to two decimal places.	sqm	140.0		
53	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm centre to centre and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x 1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm centre to centre along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge. :GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm, and 0.5 mm thick with 8 mm drop; made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.	Sqm	50.0		
54	Providing and fixing thermal insulation with Resin Bonded rock wool conforming to IS: 8183, having density 48 kg/m ³ , 50 mm thick, wrapped in 200 G Virgin Polythene Bags fixed to wall with screw, rawel plug & washers and held and in position by criss crossing GI wire etc. complete as per directions of Engineer in- Charge.	Sqm	50.0		
55	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	Sqm	500.0		
56	Providing and applying plaster of Paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	330.0		
57	Applying priming coats with water thinnable cement primer on wall surface having VOC content less than 50 grams/litr of approved brand and	Sqm	350.0		

	manufacture, having low VOC (Volatile Organic Compound) content.				
58	Finishing walls with Premium Acrylic Smooth exterior paint Old work (one or more coats applied @ 0.83 ltr/10 sqm). withSilicone additives of required shade	Sqm	500.0		
59	Painting with synthetic enamel paint (One or more coats on old work) of approved brand and manufacture of required colour to give an even shade :	sqm	120.0		
60	Supply and installation of 36/40 watt 2ftx2ft size surface mounted box type LED light fitting, 6500 Deg K. temperature of Crompton Greaves make in existing false ceiling	Each	20.0		
61	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	Kg	150.0		
62	Providing and fixing stainless steel (Grade 304) Steel Door with collapsible grill provision , design compatible / based on lift function /requirement made of Hollow tubes, channels, plates collapsible section etc., including welding, grinding, buffing, polishing and making design (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.). (detailed design to be given during execution)	Kg	50.0		
63	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	Cum	10.0		
64	Credit for taking away old dismantled damaged flush doors, cupboard shutter, light fittings, fitting fixtures, MS false ceiling MS roof sheet, MS section/pipe, door fitting hardware etc. The material received from dismantling shall be the property of contractor, after dismantling all material weight to be measured before removing from the site in presence of IUAC Engineer or his authorised presentative all complete.	kg	-(300)		
	Total				

Note: GST shall be paid separately as applicable.