

**INTER-UNIVERSITY ACCELERATOR CENTRE (IUAC)
NEW DELHI**

TENDER NO: IUAC / NIT /18 / HAR / 2021-22

TENDER DOCUMENTS FOR

Providing Services for Conducting of Structural Analysis, STAAD modeling including Non-Destructive Tests for Beam Hall-I & Load Assessment Analysis for BH-III in IUAC

**INTER-UNIVERSITY ACCELERATOR CENTRE (IUAC)
ARUNA ASAF ALI MARG
NEW DELHI – 110 067**

INTER - UNIVERSITY ACCELERATOR CENTRE

(An Autonomous Centre of UGC)

Aruna Asaf Ali Marg, New Delhi - 110067

NOTICE INVITING E - TENDER

Tender Number: IUAC/NIT/18 /HAR /2021-22

Dated: 02/09/2021

1 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., Technical and Financial bids, from eligible / experienced parties for the work/supply of **Providing Services for Conducting of Structural Analysis, STAAD modeling including Non- Destructive Tests for Beam Hall-I & Load Assessment Analysis for BH-III in IUAC**

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

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.

The bids will be accepted in respect of those contractors having successfully completed with at least one work of value not less than Rs. 9.95 lakh or two similar works, each of value not less than Rs. 6.22 lakh or three similar works, each of value not less than Rs. 4.97 lakh during the last 7 years ending 31st March, 2021. Similar works means "Working experience of Civil works in Government organizations, Govt. Autonomous organizations OR Public limited Company / organizations. Experience in Pvt. Limited Companies and Societies not accepted.

As per notification no. F/9/4/2020-PPD dated 12.11.2020 issued by Ministry of Finance, Department of Expenditure, Govt. of India, bidders have to submit "Bid Security Declaration" accepting that if they withdraw or modify their bids during period of validity etc., they will be suspended for the time specified in the tender documents". Tenderers registered with MSME/NSIC (the unit being registered for the item/work tendered) are required to upload copy of valid registration certificate in the website <https://eprocure.gov.in/eprocure/app> along with technical bid.

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.**

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 / Supply	Providing Services for Conducting of Structural Analysis, STAAD modeling including Non- Destructive Tests for Beam Hall-I & Load Assessment Analysis for BH-III in IUAC''
Tender Number	IUAC/NIT/18/HAR/2021-22
Tender Value / Estimate only	Rs. 5,90,000/-
Earnest Money Deposit	NIL
Tender Document Fee	NIL
Bid Submission End Date and Time (Part - A and Part - B)	23/09/ 2021 at 03:00 P.M.
Technical Bid Opening Date (Part - A)	24/09/2021 at 03:30 P.M.
Price Bid Opening Date (Part - B)	To be intimated later on to the technically qualified bidders
Contact Person	Administrative Officer (S&P) E-mail: iuacstores@gmail.com Phone: 011-24126018, 24126022.

TENDER FORM

To

The Director
IUAC,
Aruna Asaf Ali Marg,
New Delhi 110067

Dear Sir,

I/We have read and examined the following Tender Documents relating to the MS platform cum connecting corridor with door openings from R. No. 111 Main Lab Building (Proposed FEL Control Room) to BH III G.Floor (towards FEL Lab) in IUAC Campus at Inter-University Accelerator Centre, Aruna Asaf Ali Marg, New Delhi -110067

- General information
- **MEMORANDUM**
- REGISTRATION PROCESS ON CPP PORTAL FOR ONLINE BIDDING, SEARCHING FOR TENDER DOCUMENTS , PREPARATION OF BIDS , SUBMISSION OF BIDS & ASSISTANCE TO BIDDERS
- Instructions for Online Bid Submission
- Special Instructions to Bidders for Registration with Competent Authority
- Scope of work
- General TERMS & Conditions
- Special Terms and conditions of Contract
- Drawing
- Annexure I , II ,III ,IV ,V & VI
- Price Bid

I/We hereby offer to execute the work complete in all respects specified in the underwritten Memorandum within the time specified therein, at the rates specified in the Price Bid and in accordance with the specifications, designs, drawings and instruction in writing referred to in the condition of tender.

Tenderers Signature and Seal

GENERAL INFORMATION

1	Accepting Authority	Director, IUAC New Delhi.
2	Reference Book	As per specifications
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 the period prescribed for commencement of work in the letter of award issued to him. Performance security may be accepted as Bank Guarantee/DD/FDR 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 after successful completion of the work in all respects.
10	Authority Competent to Appoint Arbitrator	Director, IUAC

(Seal & Signature of bidder)

MEMORANDUM		
a)	Name of work	Providing Services for Conducting of Structural Analysis, STAAD modeling including Non- Destructive Tests for Beam Hall-I & Load Assessment Analysis for BH-III in IUAC
b)	Estimated cost	Rs. 5,90,000/- (Rupees Five lacs Ninety thousand only)
c)	Time allowed for the completion of work (to be reckoned from 10 th day after the date of issue of written order to commence work)	60 Days

Place

Date:

(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 Enrolment**” 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 enrolment 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 enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra/ 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 DSC’s 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

- 1** There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- 2** Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- 3** The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

- 1** 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.

- 2 Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 3 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 coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it 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 acknowledgement of the submission of the bid. This acknowledgement 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.

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 Helpdesk. The contact number for the helpdesk is 1800 3070 2232, 91-7878007972 and 91-7878007973.

Instructions for Online Bid Submission

- 2 The tender documents are available on our website www.iuac.res.in & www.eprocure.gov.in.
- 3 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>. Tenderers/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 eProcurement 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.

Tenderers 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:
 - 1) In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person(s), has a controlling ownership interest or who exercises control through other means.

Explanation:-

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

natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;

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

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

Sub-contracting in works contracts

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

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

Certificate for Tenders involving procurement

“I/We have read the clause regarding restrictions 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.]”

Tenderers Signature and seal

SCOPE OF WORK:

Scope of work

Scope of work will be to provide services for **conducting Structural Analysis, STAAD modeling including Non- Destructive Tests including laboratory tests for Beam Hall-I & load assessment analysis for BH-III** in IUAC with following sub head works:

(I) For Beam Hall- I Building

1. **Site visit and assessment of existing building/walls situation for making an opening of door size entry of size 1.5 meter x 2.1 meter finished cutting in one RCC wall (wall size approx. 0.9 meter thickness and approx. 8.0 meter height, made for radiation shielding purpose) of Beam Hall I building with following sub works/steps under detailed consultation/observation of Expert/ Consultant (already appointed by client for execution of same). Overall size of Beam Hall-I is 25 meter x 25 meter x 8 meters.**
 - (a) Site visit and assessment of site situation. (With initial discussion with Client/Consultant/ Expert)
 - (b) Thorough study of existing design, structural strength and design concept from available drawing (hardcopy) of building (with initial discussion with Client/consultant/Expert).
 - (c) Performing NDT s (as Rebound Hammer Test, UPV, Half-cell Potential Tests, Core Cutting Test for Compressive Strength, Ferro / Rebar Scan and Carbonation Test etc at various locations (to be suggested by Expert/Consultant) as detailed.
 - (d) Preparation of detailed structural mapping (STAAD modeling) and preparation of Structural Analysis report of whole building /structure as suggested by consultant/Expert.
 - (e) Providing the methodology, specifications and necessary drawings for the proposed opening in building wall in consultation of Consultant/Expert.
 - (f) Check the design furnished by the client input /with help of site assessment and available drawing to suggest the remedial solutions and modification in accordance with prevalent latest IS codes practices for the purpose of making door opening in the said RCC wall.
 - (g) Suggest modification as and where required in the design.
 - (h)Preparation of detailed estimate and scope of work including all details of specifications for proposed door opening and structural repairs/ restoration, rectification work of specialized nature with BOQ (Bill of Quantities).

(II) For Beam Hall- III Building

Site visit and assessment of existing building/walls/slabs for structural assessment cum load taking capacity of floor cum slab at Ground Floor level of Beam Hall-III Building with following sub works/steps under detailed consultation/observation of Expert/ Consultant (already appointed by client for execution of same). Overall size of Beam Hall-III is 15 meter x 30 meter x 6 meters.

- (a) Site visit and assessment of site condition. (With initial discussion with Client/Consultant/ Expert).
- (b) Thorough study of existing design, structural strength and design concept from available drawing (hardcopy) of building (with initial discussion with Client/consultant/Expert).
- (c) **Performing NDT s (as Rebound Hammer Test, UPV, Half-cell Potential Tests, Core Cutting Test for Compressive Strength, Ferro / Rebar Scan and Carbonation Test etc at various locations (to be suggested by Expert/Consultant) as detailed.**

- (d) Preparation of detailed structural mapping and preparation of Structural Analysis report of whole building /structure as suggested by consultant/Expert.
- (e) Check the design furnished by the client input /with help of site assessment cum available drawing to suggest the remedial solutions for long term solutions of presently installed machine loads and modification in accordance with prevalent latest IS codes and practices.
- (f) Suggest modification as and where required in the design. Preparation of detailed estimate for proposed structural repairs/ restoration, rectification work of specialized nature with BOQ (Bill of Quantities).

Investigations:

- a** to determine the density and strength of concrete in a structure
- b** to determine the location of reinforcing bars and the cover over the bars
- c** to determine the number and size/diameter of reinforcing bars
- d** to determine the extent of defects such as corrosion
- e** to determine the location of in-built wiring, piping, ducting, etc.
- f** to determine whether internal defects such as voids, cracks, delamination's, honeycombing, lack of bonding with reinforcing bars, etc. exist in concrete
- g** to determine if there is a bond between epoxy bonded steel plates and concrete members.

OTHER WORKS

- 1** Structural audit shall be carried out as a qualitative assessment in accordance with latest guidelines of Indian Society of structural engineers. Visual health inspection of buildings covering internal, external and common areas using light tapping hammer, marking in floor plans all the visible defects, deterioration and quantification.
- 2** Assessment of damages of RCC members through NDT (Non-Destructive Testing) with calibration chart for the site. Initially digital rebound hammer test and if necessary Ultrasonic Pulse Velocity test, Half Cell Potential test, carbonation depth test, core test, chemical test etc. Necessity of which will be decided after inspection.
- 3** Finding the probable causes of damages, seepage / leakages and status of external plumbing installations.
- 4** Preparation of detailed report based on visual inspection, NDT, suggesting/ phasing out priority wise repair/ remedial and retrofitting measures supported by photographs wherever necessary.
- 5** Preparation of detailed estimate for proposed structural repairs/ restoration, rectification work of specialized nature with BOQ (Bill of Quantities).
- 6** Preparation of specifications, scope of work, tender documents, drawings (main & working) etc., for proposed structural repairs/ restoration, rectification work. And assisting IUAC in respect of calling the tenders, evaluation of bids and recommendations.
- 7** Assistance for execution of repairs / renovation works through successful tenderer under their supervision, including main structure and all other connected services.
- 8** Attending meetings with IUAC officials, wherever required, in respect to above work regarding making addition/alteration in the drawings, specifications, make etc.
- 9** Quality check
- 10** Preparation of Final report on the restoration work executed.

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 (I) 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** Company profile, organizational setup, credentials, list of plant, machinery & tools in his possession).
- iii** Copy of the audited balance sheet / turnover certificate of the past three financial years including ITRs .
- iv** Copies of PAN no., GST Reg. no.
- v** Copies of work orders and completion certificates of similar type of works (**similar type means consultancy and conducting of Structural Audit, NDT of various Buildings**) executed successfully during the last 7 yrs. (ending on the last day of submission of bids) in Govt., Public sector, Autonomous body or reputed Public Ltd. Company, with at least one work of value not less than Rs. 4.72 lakh or two similar works, each of value not less than Rs. 2.95 lakh or three similar works, each of value not less than Rs. 2.36 lakh. Experience in Pvt. Limited Companies and Societies not accepted.
- vi** **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.
- vii** Undertaking for Site Visit has to be submitted as per Annexure – II & Bid Security Declaration 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** **CHECK-LIST FOR PRE-QUALIFICATION BID** as per the Format given in **ANNEXURE-VI**

(ii) Price Bid (Part-B): In this bid, the bidder is required to quote his item rates in the BOQ formed in accordance with the scope of work, terms & conditions & technical specifications enclosed. The rates/price quoted by contractor should be all inclusive i.e. should include all material cost, labour, services, plant/machinery/tools & tackles, 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/labour 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/Statutory 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 be considered them as zero and accepted .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 Technical 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. Escalation:** No escalation over and above items rates quoted by the bidder shall be paid during the execution of contract.

- 5. Performance Bank Guarantee:** The successful bidder has to submit a performance bank guarantee /FDR of an amount equal to 3% of total contract value within a period of 10 days from the date of issue of LOI. Performance Bank Guarantee shall be valid for a minimum period of 60 days beyond the date of completion. If tenderer fails to deposit the said performance security within the period as indicated, the order will be automatically cancelled without any notice to the tenderer and without prejudice to any other right or remedy.

- 6. Completion time:** 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 **60 days**. The time allowed for the completion of work to be reckoned from the 10th day after the date of issuance of award letter/purchase order. Any delay in completing the work for reasons attributable to the Contractor is liable for liquidated damages as per clause 14 of NIT. 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.

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

- 8. 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 signed undertaking as per Annexure –II enclosed in tender)

- 9. Correspondence:** All the correspondence in respect of tender/award of work shall be made to A.O. (S&P), IUAC, Aruna Asaf Ali Marg, New Delhi-110067.

- 10. Terms of Payment:** The payment shall be made 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.

- 11. 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.

12. 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 workmen'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.

- 13. 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 @1 % of the contract value per week will be deducted subject to a maximum of 10 % of the contract value. However, during the delayed period, IUAC also reserves the right to get balance portion of work done by any other contractor at the risk and cost of the existing contractor and amount to that effect along with 10% overhead charges will be deductible from his bills/dues.

- 14. 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.

- 15. Defect Liability period:** Defect liability period shall be one year from the date of completion 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.

16. Water /Electricity Charge

Electricity /Water (if required for execution) will be supplied to the contractor by the department free of cost subject to the following conditions: - (i) The contractor(s) shall make his/their own arrangement of electricity / water connection and lying 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 electric/water.

17. Security Deposit

A security deposit equal to five (5) % of the value of work 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.

19. 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, unusually severe weather.

20. 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.

21. 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.

22. SAMPLES: After award of work of the tender contractor shall show the relevant samples 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.

23. TENDER LIABLE TO REJECTION: Tenders 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:-

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

24. 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.

25. **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.
26. **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.
27. IUAC will not pay any expense, whatsoever incurred by tenderer for the preparation and submission of tenders.
28. 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.
29. The notice inviting tender, will form part of the contract agreement to be executed by the successful tenderer with the IUAC.

30. Termination for Insolvency

IUAC may at any time terminate the Contract by giving written notice to the Supplier/contractor, if the Supplier/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.

31. **IUAC also reserves the right to change the quantities of the units while issuing the letter of award of work.**
32. **REFERENCE IN TENDER DOCUMENTS:** Director, IUAC, shall be referred as "Owner" in all the documents of Tender documents/contract agreement.
33. **OFFICER INCHARGE:** Where ever the word "In charge." occurs it shall mean the authorized Officer appointed by the IUAC for the superintendence of the execution or related work.

SPECIAL TERMS AND CONDITIONS OF CONTRACT /WORK

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 /National Code latest edition 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. NO WORK SHALL BE UNDERTAKEN WITHOUT APPROVED WORKING DRAWINGS:

No work shall be undertaken at site by the contractor until detailed approved working drawings marked "Good" for execution/construction is issued by the IUAC in writing. Any work done without the aforesaid working drawing shall be at the contractor's own risk and costs.

4. 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.

a) 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.

b) 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.

5. ADDITIONS/ALTERATIONS/ DEVIATIONS

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.

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.

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.

6. 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.

7. . SITE WORKING RULES AND REGULATIONS:

a) 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.

b) 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.

8. INSPECTION OF WORK

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.

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.

9. 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.

10. 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.

11. 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.

12. 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.

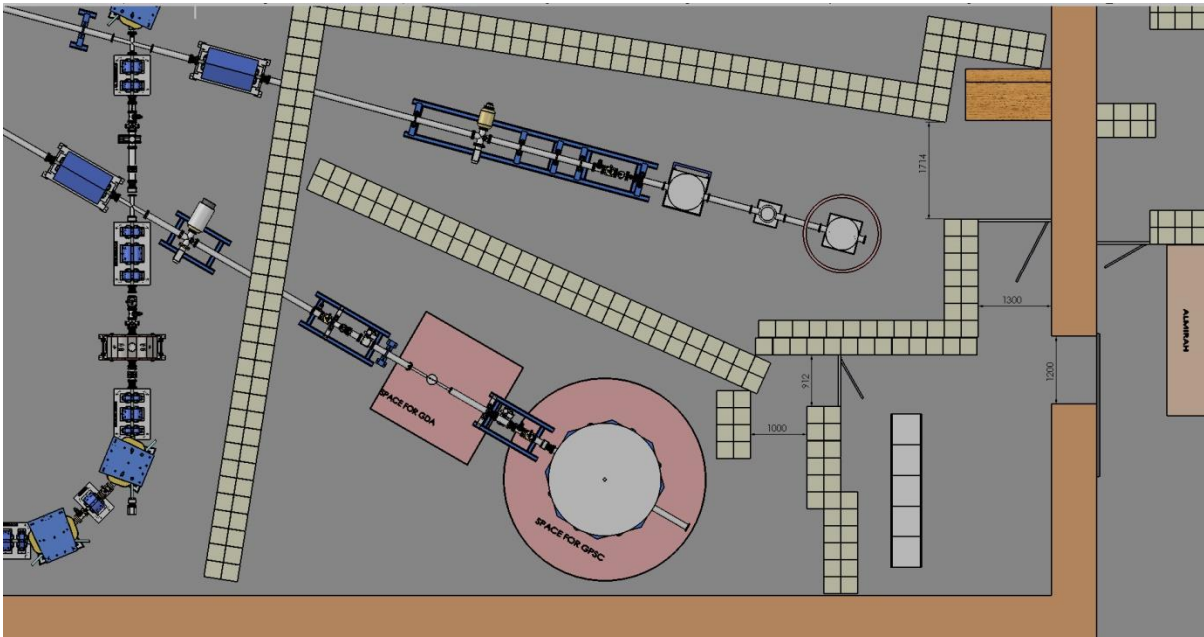
13. If during the execution of works, any damage is caused to IUAC property by contractor's

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.

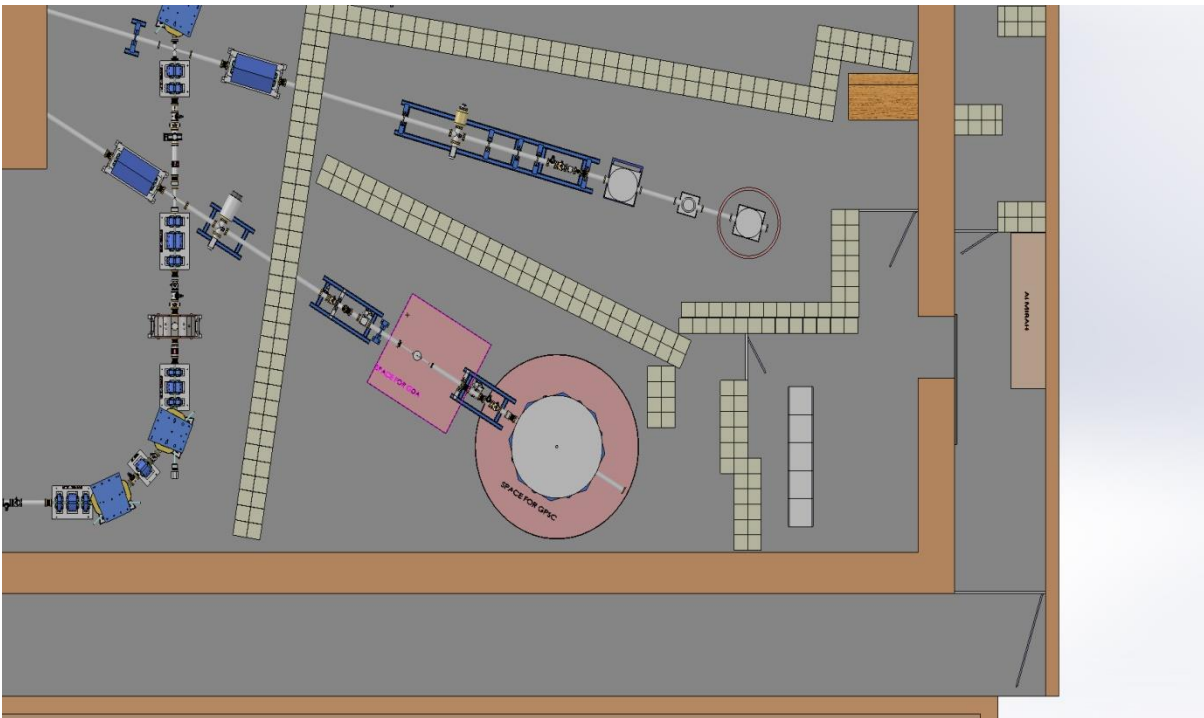
- 14.** No material belonging to the contractor whether consumable or non-consumable should be brought inside the IUAC campus without proper entry at the Main Gate nor any material should be taken out without proper gate pass issued by the authorized representatives of the Centre. Material delivery challans duly entered at the main gate shall to be submitted.
- 15.** 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.
- 16.** 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.
- 17.** 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.
- 18.** 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.
- 19.** 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.
- 20.** 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.
- 21.** Payment for executed work will be made to contractor based on actual measurement only.

Seal & Signature of Contractor

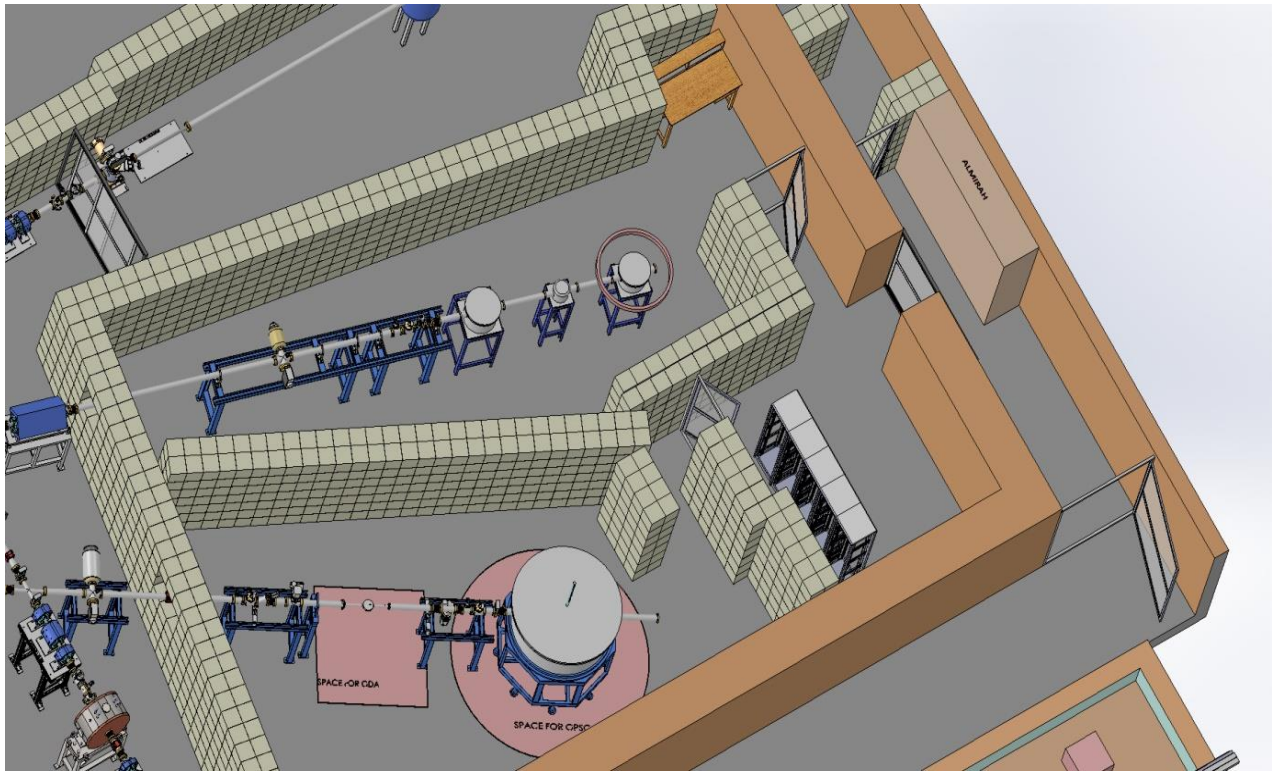
DRAWING



BIRD EYE VIEW OF BH-I & BH-III



PLAN SHOWING THE 'REQUIRED OPENING' IN BH-I



SECTIONAL VIEW SHOWING THE 'REQUIRED OPENING' IN BH -I

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 the 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 **Providing Services for Conducting of Structural Analysis, STAAD modeling including Non- Destructive Tests for Beam Hall-I & Load Assessment Analysis for BH-III in IUAC** works have to be done in IUAC lab complex on and assessed the actual situation & nature of site. We have also assessed the amount of work involved at site for tendered work before submitting our offer. We will be able to complete the above work within stipulated time as per site conditions.

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

(Signature of the Bidder, with Official Seal)

Annexure III
BID SECURING DECLARATION FORM

Tender/Bid No.:

Date:

To
The Director
IUAC, New Delhi

Dear Sir,

I/We, The undersigned, declare that:

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

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

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

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

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)

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

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

Seal and Signatures of the Authorized
Person of the Agency

Name and designation of the
Authorized Person of the Agency

Place:

Date:

Annexure -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

CHECK-LIST FOR PRE-QUALIFICATION BID FOR

Providing Services for Conducting of Structural Analysis, STAAD modeling including Non- Destructive Tests for Beam Hall-I & Load Assessment Analysis for BH-III in IUAC

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.	Copy of the audited balance sheet / turnover certificate of the past three financial years including ITR	
4.	Copies of PAN no., GST Reg. no. (Self-attested)	
5.	Copies of work orders and completion certificates of similar type of works (similar type means consultancy and conducting of Structural Audit, NDT of various Buildings) executed successfully during the 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 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.	Copy of MSME/NSIC Registration Certificate (If any)	
12.	Any other document (If any)	

(Seal & Signatures of Contractor)

(Name and Address of the Bidder)

Telephone No.

Part-B

BOQ/PRICE BID

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

Tender Inviting Authority: INTER UNIVERSITY ACCELERATOR CENTRE

Name of Work/Supply: Providing Services for Conducting of Structural Analysis, STAAD modeling including Non- Destructive Tests for Beam Hall-I & Load Assessment Analysis for BH-III in IUAC.

BILL OF QUANTITY			
Sr. No.	Description	Unit	Qty.
1	<p><u>For BH –I Building (where door opening is proposed)</u> Conducting detailed NDT's including required laboratory tests by following standard procedures/ specifications and instruction from client/ consultant /expert on concrete wall of size approx. 0.9 meter thickness, slab thickness of building is 1 meter and approx. 8.0 meter height made for radiation shielding for the purpose of door opening.</p> <p>1 Rebound Hammer test to assess the hardness of concrete and correlation with core compressive strength. Minimum Qty: 15 Nos.</p> <p>2 Ultrasonic Pulse Velocity (UPV) as per IS-13311 Part -I, measurements on the RCC elements. Minimum Qty: 10 Nos.</p> <p>3 Core cutting test for compressive strength: - Take out the sample of cylindrical concrete core and lab test. Minimum Qty: 3 Nos.</p> <p>4 Ferro Scanning / Rebar Scan: To locate the RCC element in wall and also check the steel bars & its details i.e. spacing, cover & its estimation of diameter. Minimum Qty: 20 Nos.</p> <p>5 Carbonation: - To check the corrosion in concrete. Minimum Qty: 3 Nos.</p> <p>6 Half-cell Potential Test to confirm the corrosion possibility in RCC members. Minimum Qty: 10 Nos.</p> <p>7 Preparation of NDT Test Report and Remedial suggestions etc.</p> <p>Note: The patch plastering/related repair work except for painting will have to be done by the bidder firm at their cost after conducting various tests, if any.</p>	LS	1
2	<p>2. Preparation of detailed STAAD Modeling. Structural mapping and preparation of Structural Analysis report of whole building /structure (Beam Hall I) as suggested by consultant/Expert. Overall Size of Beam Hall-I is 25 meter x 25 meter x 8 meters. The slab thickness of building is 1 meter approx.</p>	Job	1
3	<p>Preparation of all technical details, scope of work, bill of quantities, drawings, all work execution methodology and material specifications etc. as required for making proposed door entry in RCC wall of BH –I</p>	Job	1

4	<p>For BH –III Building (load assessment capacity of Slab /Floor is required). Conducting detailed visual survey of building (internally & Externally) by visual inspection to record observation of distressed part of building, level of deterioration, etc. and conducting following NDT's including required laboratory tests by following standard procedures/ specifications and instruction from client/ consultant /expert on RCC Floor/ slab of BH III for the purpose of finding load bearing capacity of floor. Overall size of Beam Hall-III is 15 meter x 30 meter x 6 meters.</p> <p>(I) Rebound Hammer test to assess the hardness of concrete and correlation with core compressive strength. Minimum Qty: 15 Nos.</p> <p>(II) Ultrasonic Pulse Velocity (UPV) as per IS-13311 Part -I, measurements on the RCC elements. Minimum Qty: 10 Nos.</p> <p>(III) Core cutting test for compressive strength: - Take out the sample of cylindrical concrete core and lab test. Minimum Qty: 3 Nos.</p> <p>(IV) Ferro Scanning / Rebar Scan: To locate the RCC element in wall and also check the steel bars & its details i.e. spacing, cover & its estimation of diameter. Minimum Qty: 20 Nos.</p> <p>(V) Carbonation: - To check the corrosion in concrete. Minimum Qty: 3 Nos.</p> <p>(VI) Half-cell Potential Test to confirm the corrosion possibility in RCC members. Minimum Qty: 10 Nos.</p> <p>(VII) Preparation of NDT Test Report, STAAD Modeling etc and Remedial suggestions etc.</p> <p>Note: The patch plastering/related repair work except for painting will have to be done by the bidder firm at their cost after conducting various tests, if any.</p>	Job	1
5	Preparation of detailed STAAD Modeling, structural mapping and preparation of Structural Analysis report of whole building /structure as suggested by consultant/Expert. Overall size of Beam Hall-III is 15 meter x 30 meter x 6 meters	Job	1
6	Preparation of all technical details, scope of work, bill of quantities, drawings, all work execution methodology and material specifications etc for structural safety purposes as required for making required modifications in BH-III floor slab for catering to installed and proposed machine loads. Overall size of Beam Hall-III is 15 meter x 30 meter x 6 meters	Job	1