

INTER-UNIVERSITY ACCELERATOR CENTRE

(An Autonomous Centre of UGC)
Aruna Asaf Ali Marg, New Delhi-110 067

NOTICE INVITING E-TENDER

TENDER NO: IUAC/NIT/68/HAR/ 2019-20

Dated: 03/03/2020

Instructions for Online Bid Submission:

Inter-University Accelerator Centre (IUAC), invites online bids through e-Procurement Portal under two bid system, viz., Technical and Financial bids, from eligible and experienced parties for the work of “**Painting & Epoxy Coating works**” in various locations at IUAC Campus .

Tender Documents may be downloaded from Central Public Procurement Portal <http://eprocure.gov.in/eprocure/app> and www.iuac.res.in

Aspiring Bidders who have not enrolled/registered in e-Procurement Portal should enroll/ register before participating through the website <http://eprocure.gov.in/eprocure/app>.

Bids shall be submitted online only at CPPP website: <http://eprocure.gov.in/eprocure/app>. Tenderers /Contractors 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 document.

IUAC reserves the right to accept / reject any/all tenders in part/full without assigning any reasons thereof.

Bidder has to select the payment option as “offline” to pay the tender fee and EMD as applicable. The Earnest Money Deposit and tender fee shall be in the form of demand draft issued in favour of “Inter-University Accelerator Centre, New Delhi” and it should be deposited in IUAC before the bid opening. Bidders registered with MSME/NSIC are exempted from payments of EMD & tender fee. Copy of valid registration certificate should be uploaded.

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 and submit it 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> only. Bidders should take into account any corrigendum published on the tender document before submitting their bids.

E-TENDER DOCUMENT

Name of Work	Painting & Epoxy Coating Works in various locations at IUAC campus
Tender No.	IUAC/NIT/68/HAR/2019-20
Tender Value/Estimate only	Rs. 31,85,000/- (Rupees Thirty one lacs Eighty five thousand)
Earnest Money Deposit	Rs 64,000 /-(Rupees Sixty four thousand only)
Tender Fee	Rs.500/- (Five hundred only)
Bid Submission End Date	March 19, 2020 at 3.00 p.m.
Technical Bid Opening Date	March 20, 2020 at 3.30 p.m.
Price Bid Opening Date	To be intimated later.
Contact Persons	Administrative Officer (S&P) e-mail: joseph@iuac.res.in Engineer, Civil e-mail: harshpandit24u@gmail.com Phone: 011-24126018 & 24126022

SCOPE OF WORK

Scope of work will includes: Painting & Epoxy coating works of the following areas in IUAC campus :

- (i) P/A internal painting of Old Guest House
- (ii) P/A internal painting of Stairs area (up to 6th floor) of Main Lab Building
- (iii) P/A Floor concrete tile painting surrounding O.G.H & canteen area
- (iv) P/A Internal painting of walls, ceiling of G. floor of BH III (HCI area) & workshop area (including misc. minor area of Lab Building & Beam Hall etc)
- (v) P/A Epoxy coating on existing G. floor of BH III (HCI area) & workshop

GENERAL TERMS & CONDITIONS

1. **Submission of Tender:** Tenders should be uploaded in two Parts i.e. “Technical bid” (Part-A) and “Price bid” (Part-B). No other mode of submission will be accepted.
2. **Technical Bid (Part-A)** : In this bid, the bidder shall upload the scan copies of the following:
 - i. Covering letter on Company’s Letter Head
 - ii. Biodata of company (Company profile, organizational setup, credentials, list of plant,

machinery & tools in his possession).

- iii. Copies of PAN no., GST Reg. no.
- iv. Copies of work orders and completion certificates of similar type of painting works including epoxy coating work executed successfully during the last 7 yrs. in Govt., Public sector, Autonomous body or reputed Public Ltd. Company, with at least one work of value not less than Rs. 25.48 lakh or two similar works, each of value not less than Rs. 15.93 lakh or three similar works, each of value not less than Rs. 12.74 lakh.
- 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

3. **Price Bid (Part-B):** In this bid, the bidder is required to quote his item rates in the BOQ format 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**, levies & taxes, transport/cartage of materials/labour and all other expenses not specifically mentioned but reasonably implied. Nothing over and above these rates shall be payable to contractor. Further, nothing extra in rates will be considered due to any site difficulties. It is mandatory for bidder to quote all items rate as asked for in the BOQ/ PRICE schedule. Failure in not filling some item rates will lead to rejection of tender. The bidders should quote unconditional rates. IUAC is exempted from GST. Necessary Exemption certificate shall be provided by IUAC wherever applicable.

4. **Earnest Money:** An earnest money deposit (EMD) of 64,000/- (Rupees Sixty four thousand) has to be submitted before opening of the technical bid (Part-A). The EMD shall be only in the form of Bank Draft /Banker's cheque in favour of "Inter-University Accelerator Centre", payable at New Delhi. No Cheque/Cash shall be accepted as EMD. The refund of EMD to the technically disqualified & lowest 4th bidders onwards shall be made within 15 days from the date of opening of price bid. The refund of EMD of the 2nd & 3rd lowest bidders shall be made after award of work and site mobilization by the successful bidder. The EMD of the successful lowest bidder (L1) shall be adjusted against Security deposit.

Exemption from EMD: Unit registered with National Small Scale Industries Corporation (NSIC)/ Micro Small & Medium Enterprises (MSME) is exempted from payment of EMD, subjected to:

- i The unit being registered with NSIC for the items/work tendered.
- ii Self Attested copy of valid NSIC/MSME registration Certificate.
- iii Photocopy of application for registration at NSIC or for renewal of NSIC will not be acceptable. Such offers will be treated as offers received without EMD.

5. **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.

6. **Escalation:** No escalation over and above items rates quoted by the bidder shall be paid during the execution of contract.
7. **Performance Bank Guarantee:** The successful bidder has to submit a performance bank guarantee /FDR of an amount equal to 5% of total contract value valid for 5 months within a period of 10 days from the date of issue of LOI/Purchase Order, failing which LOI/Purchase Order shall be deemed to be cancelled and EMD of the bidder shall be forfeited. The same shall be released back after successfully completion of work to contractor.
8. **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 three (3) months from the date of issue of LOI /Purchase order by the Centre. Any delay in completing the work for reasons attributable to the Contractor is liable for liquidated damages as per clause 15 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.
9. **Deviations:** No deviation from the stipulated terms and conditions will be allowed. Tender will be unconditional.
10. **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)
11. **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.
12. **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 as per BOQ, drawings and Engineer's site instructions.
13. **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.
14. **Rules governing the Contractor's employees working in the IUAC Premises:**
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.
15. **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 or part thereof 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.

16. 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.

17. 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.

18. Security Deposit

A security deposit equal to ten (10) % 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. 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.
20. Contractor will take due permission for entry of all his workmen in IUAC. No unauthorized person will be allowed to work inside IUAC campus.
21. 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.
22. 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.
23. 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.
24. 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.
25. Manpower deployed by the contractor at site for carrying out contract work is strictly prohibited being associated with any other works on the campus.
26. 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.
27. 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.

28. IUAC will provide free water and electricity during execution of work at one point. The contractor has to make his own arrangements for supplying power and water from that point onwards as per his requirements.

29. Tender once submitted will remain with the Centre and will not be returned to the bidders.

30. Termination of Contract:- The Director, IUAC reserve the right to terminate the contract on account of poor workmanship, failure to mobilize site within 15days, non-compliance of specifications for the works, abnormal delay in progress of work, violation of any contract provisions by the contractor. In such case, contractor's EMD and security deposit deducted so far will be forfeited.

The contract can also be terminated on the request of contractor. In such cases the contractor is liable to pay Liquidated damages @ 5% of tendered value besides forfeiture of Performance Guarantee & security deposit recovered so far.

31. Any dispute arising out of this contract will be subjected to jurisdiction of New Delhi/Delhi.

32. Tenders not complying with any of the provisions stated in this tender document are liable to be rejected. **Director, IUAC also reserves the right to accept or reject any or all the tenders without assigning any reason and does not bind him to accept the lowest tender.**

Accepted

(Signature of bidder)

TECHNICAL SPECIFICATIONS & SPECIAL CONDITIONS

- (i) 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.
 - (ii) Payment for executed work will be made to contractor based on actual measurement only.
 - (iii) 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.
 - (iv) Epoxy colour theme will be decided in consultation with IUAC .No extra amount will be paid for using 2 or 3 colours at designated locations.
 - (V) Making yellow lines at designated places on Epoxy floor will be included at no extra cost.
 - (VI) Before painting/epoxy coating, in beam hall /guest house 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
 - (VII) Contractor may see the site before quoting rate to see the actual condition of work/site. The ceiling /wall height where repair/painting may be required is up to 7 mtr .No extra payment to be made later for special arrangement to be made at such height for work.
 - (VIII) The quantity of paints required theoretically shall be deposited with IUAC Engineer by contractor before execution of work. This is the minimum quantity required to be deposited with IUAC. However, to achieve good finish or to get an even shade, if required, contractor may have to arrange more painting material than the minimum quantity. The material shall be approved by IUAC Engineer before use. The following theoretical coefficient shall be considered for working theoretical quantities.
 - A) Synthetic Enamel Paint:-
 - (i) Two or more coats on new work – 1.16 Liter per 10 sqm
 - (ii) One or more coats on old work – .70 Liter per 10 sqm
 - B) Pink or grey primer - .75 liter per 10 sqm
 - C) Plastic Emulsion Paint
 - (i) Two or more coats on prepared surface – 1.21 Litre per 10 sqm
 - (ii) One or more coats on old work – .73 Litre per 10 sqm
 - D) Cement Primer - .70 liter per 10 sqm
8. Measurement: Area of surface covered shall be measured to be nearest Sq.cms
9. 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

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. **Adhesive (for mixing in whitewash)** : DDL(M/S Pidlite), SDL(M/S Chemisol)
Mastercreeet(M/S Choksey)
5. **Cement Primer** : same as item 1
6. **Wall Putty (cement based)** : Birla, JK, Sakrani ,Asian
7. **Admixture for bonding** : Pidilite , Parex , Chemisol , Choksey
8. **Epoxy based putty / primer / coating** : Chemisol, Fosroc,MRF,Cipy ,Asian,Perma, Berger
9. **Chemical Floor cleaner:** : Chemisol, Fosroc,MRF,Cipy ,Asian,Perma, Berger

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

Date: _____

To
The Administrative Officer (S&P)
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)

This certificate shall be furnished duly signed & stamped with **Techno-commercial Bid.** **Annexure - II**

Certificate/ Undertaking

This is to certify that we have visited the site where Painting & Epoxy Coating 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)

**Bill of Quantity
(Rate should be quoted in Standard .XLS BOQ Format only)**

Name of work : Painting & Epoxy coating works in various locations at IUAC campus

S.N.	Description of Item	Unit	Qty.	Rate
1	Surface preparation by cleaning ,sandpapering and removing any loose paint including repairs /filling of holes, scratches by POP/cement based putty .Overall area to be measured	Sqm	6200	
2	Removing oil bound distemper in the entire wall wherever directed by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches by POP/cement based putty etc. complete	Sqm	1200	
3	Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge.	Sqm	70	
4	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	3350	
5	P/A Applying priming coats (one or more coat) with water thinnable cement primer on wall surface having VOC content less than 50 grams/liter of approved brand and manufacture, having low VOC (Volatile Organic Compound) content	Sqm	2350	
6	Finishing walls with 100% Premium acrylic emulsion paint (Two or more coats applied @ 1.43 litre/ 10 sqm. Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm) having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade with silicon additives.	Sqm	4900	
7	Painting on internal wall (toilet, bath) & all ceiling with white wash with 2 or more coat to give an even shade (old work)	Sqm	700	
9	Painting with synthetic enamel paint (Two or more coats) on new work of approved brand and manufacture to give an even shade	Sqm	1840	
8	Painting on doors, windows, cupboard, grills, railing with enamel paint of approved make and colour with two or more coats to give an even shade	Sqm	650	

10	French spirit polishing : Two or more coats on including a coat of wood filler, melamine coating on wooden door /wooden partition of lift opening	Sqm	270		
11	Floor painting with water based acrylic emulsion floor paint ' Apex Floor Guard of Asian brand ' (Two or more coats on new work) of approved brand and manufacture of required colour to give an even shade	Sqm	1000		
12	P/A EPU patching compound (Cipycrete of Cipy Polymers or equivalent of Asain ,Sika ,Fosrock, Chemisol, Fosroc ,MRF ,Berger or equivalent) for floor repair /crack after removing loose patches/glass strip of floor (which are not repair able by simple mortar /putty) before P/A epoxy coating wherever directed .	Sqm	500		
13	Providing and laying Epoxy floor coating to flooring and skirting surface on existing G. floor of BH III & workshop area (including misc. minor area of Lab Building etc) , as per below mentioned items .				
	(i) Chemical cleaning of the surfaces with Chemistic Florklin (or equivalent of Asain ,Sika ,Fosrock, Chemisol, Fosroc ,MRF ,Berger or equivalent) mixed with water allowing 15-20 minutes for reaction time, then rinsing the area thoroughly and allowing to dry	Sqm	1400		
	(ii) Cleaning the existing glass strips, joints and existing damaged concrete floor holes, patches etc. with wire brushes of dust and loose material and repairing the same with Epoxy putty (of reputed makes like of Asain ,Sika , Chemisol, Fosroc ,MRF ,Berger or equivalent) mixed with silica sand and making it smooth and even to take the epoxy floor coating.	Sqm	1400		
	(iii) Grinding with hand grinding machine to clean the the existing cement concrete flooring and removing any loose material and dust particle and applying one coat of Epoxy primer (of reputed makes like of Asain ,Sika , Chemisol, Fosroc ,MRF ,Berger or equivalent) on the prepared surface.	Sqm	1400		
	(iv) Applying two coats of dust proof solvent free epoxy floor coating/screed in average 2mm (1 mm + 1 mm) thickness(of reputed makes like of Asain ,Sika , Chemisol, Fosroc ,MRF ,Berger or equivalent) over the primed surface of approved colour to make the surface dust proof, water proof, chemical resistance and Abrasion resistance. Note (I) Bidder may visit the area and see the actual condition before quoting). (ii) Epoxy colour theme will be decided in consultation with IUAC .No extra will be paid for using 2 or 3 colours at designated locations. (iii) Making yellow lines at designated places will be included at no extra cost.	Sqm	1400		
	Total				

GST will be payable extra as applicable.