

(Technical Bid – Part A)

**TENDER DOCUMENTS FOR BALANCE CIVIL WORKS FOR
COVERING OF VACANT SPACE BEHIND BEAM HALL-II & III**

NIT No: IUAC/NIT/ 13 / HAR/ 2018-19

Date of Opening: 31 -10 - 2018

INTER-UNIVERSITY ACCELERATOR CENTRE

ARUNA ASAF ALI MARG

POST BOX NO. 10502

NEW DELHI-110067

**INTER UNIVERSITY ACCELERATOR CENTRE (IUAC)
(AN AUTONOMOUS CENTRE OF UNIVERSITY GRANT
COMMISSION) New Delhi**

NOTICE INVITING TENDER NO: IUAC/NIT/13/HAR/2018-19

Director, IUAC invites sealed tenders from contractors who fulfill Qualifying Criteria stipulated in tender documents for the work **“Balance Civil works for covering of vacant space behind Beam Hall-II & Beam Hall-III”**

Estimated cost of work	: Rs.9.33Lakh
Completion Time	: 2 Months
Earnest Money Deposit	: Rs. 18,660 /= in the form of D.D./Banker’s cheque
Last Date and Time of Submission of Tender	: 31 / 10 / 2018 at 3:00 PM.
Date & Time for opening of Tender (Technical bid – Part-A)	: 31 /10 / 2018 at 3:30 PM.
Date & Time for opening of Tender (Price bid – Part-B)	: To be intimated later on to Technically qualified bidders
Address for submission of tender	: A.O. (S&P), IUAC (Address below)
Place of Opening of the Tender	: Committee Room (Room No-222), IUAC Main Building

Tender Document can be purchased from Administrative Officer (S&P), Inter University Accelerator Centre, Aruna Asaf Ali Marg, Near Vasant Kunj, New Delhi-110067 (Tel No. 011-24126024/25/26) at a cost of **Rs. 500/-** by cash or by submitting a Demand draft in favour of “Director, IUAC” , payable at New Delhi, from **15 -10-2018 to 30-10 -2018** (except Sat, Sunday) & Public Holidays) from 10: 00 AM to 4:00PM. The tender documents can also be down loaded from IUAC web site “www.iuac.res.in”. Bidders who have downloaded the tender documents are exempted from payment of tender fee. Any clarifications / amendments / corrigenda etc. to NIT before last date of submission of tender will only be available on IUAC website. Therefore, Bidders are requested to keep visiting the web site.

GENERAL TERMS & CONDITIONS

1. **Submission of Tender:** Tenders should be submitted in two Parts i.e. “Technical bid” (Part-A) and “Price bid” (Part-B) in two separate sealed envelopes. Both the parts should be further put in a single sealed envelope super scribing NIT No. & name of work, due date for opening, bidder’s name & address. The tender duly filled in may be sent to above mentioned address either by post or hand delivered in the **tender box kept in the reception area near west side entrance, after ensuring that due entries are made in the tender register kept at the counter. It should not be handed over to any employee of the centre. No tender shall be accepted later than the time schedule specified above.**

2. **Technical Bid (Part-A)** : In this bid, the bidder shall submit the following:
 - a. Covering letter on Company’s Letter Head
 - b. Biodata of company (Company profile, organizational setup, credentials, list of plant, machinery & tools in his possession).
 - c. Earnest Money Deposit.
 - d. Copies of PAN no., GST Reg. no.
 - e. Copies of work orders and completion certificates of similar type of Civil works executed successfully during the last 5 yrs. in Govt., Public sector, Autonomous body or reputed Public Ltd. Company, with at least one work of value not less than Rs. 7.46 lakh or two similar works, each of value not less than Rs. 4.66 lakh or three similar works, each of value not less than Rs. 3.73 lakh.
 - f. Entire NIT (except Price bid) duly signed & stamped by the bidder.
(Note - 1. All documents submitted by the bidder should be self-attested along with stamp and should be valid up to the last date of validity of tender.)

3. **Price Bid (Part-B)**: In this bid, the bidder is required to quote his item rates in the BOQ attached 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, CGST, SGST, IGST and all applicable Govt. Duties, 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 for any variations in tender quantities or 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, neatly written without any overwriting and all pages should be duly signed & stamped.

4. **Earnest Money**: An earnest money deposit (EMD) of Rs 18,660 /= (Rupees eighteen thousand six hundred sixty only) has to be enclosed along with 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.
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. **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 two (2) 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 or delay due to reasons beyond control of the contractor, 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.
8. **Scope of Work**: Detailed scope of work, special terms & conditions, makes of materials and specifications etc. are enclosed with this NIT as per Annexure –I. Bidder must read them before filling rates.
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.
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 @1/2% of the contract value per week will be deducted subject to a maximum of 5% 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 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 EMD & 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 himself to accept the lowest tender.**

Accepted

(Signature of
bidder)

Note: - Entire NIT (except price bid) is to be attached with ‘Technical bid (Part-A)’ duly signed & stamped by the bidder

ANNEXURE-I

SCOPE OF WORK

Scope of work consists of doing necessary balance Civil works for covering the vacant space behind Beam Hall-II & Beam Hall-III in IUAC campus as per BOQ and necessary site instructions of IUAC Engineer.

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 structural steel work will be made to contractor based on weights of sections indicated in BIS handbooks.
- (iii) Rates of concrete work will include mixing of concrete in Diesel mixer, compaction by Nozzle vibrator, finishing and curing for specified number of days.
- (iv) Rates of brickwork and plaster will include curing for a specified number of days.
- (v) 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.

LIST OF APPROVED MAKES

1. Acrylic Exterior Paint : Shalimar , Asian , ICI , Berger , Nerolac
2. Synthetic Enamel Paint : Shalimar , Asian , ICI , Berger , Nerolac
3. Acrylic Emulsion (Interior) Paint : Shalimar ,Asian ici,Berger ,Nerolac
4. Cement /Steel Primer :Same as item no. 3
5. Wall care putty : JK,Birla,Sakrani
6. False Ceiling Material : Armstrong ,Gyprock
7. GI Corrugated Sheet : Durashine(Tata), Nippon,Jindal,Essar
8. Structural Steel /MS Section: RANA ,Jindal ,SAIL ,Mahavir ,TATA ,Barnala,RINL
9. Door Fittings : Everite , Mowjee, Hadima, Adarsh, Godrej, Harrison
10. Cement : ACC,Birla, JK, Shree, Ultratech, Jaypee, Vikram
11. ACP (Aluminium Composite Sheet : Indobond, Alstrong, Alucobond, Eurobond

PART B - PRICE BID

(Balance Civil work for covering of space behind BH-II & III)

(price bid to be kept in separate envelope)

Name of work : Balance Civil work for Covering of Space behind B.H II & III					
S.No	Description of Item	Unit	Qty.	Rate	Amount
1	Disposal of moorum/ building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead up to 25 km for all lifts, complete as per directions of Engineer-in-Charge	Cum	130		
2	Demolishing cement concrete {Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) } manually/ by mechanical means including disposal of material within 50 meters lead as per direction of Engineer - in - charge	Cum	5		
3	Earth work in excavation (all kind of soil) including backfilling of excavated earth around brick wall foundation in layers of 8 " each layer duly watered and compacted .	Cum	10		
4	Providing and laying in position cement concrete of 1:3:6 (1 cement: 3 coarse sand: 6 agg.) including the cost of centering and shuttering in plinth & foundation below brick work.	Cum	2		
5	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in cement mortar 1:4 (1 cement :4 coarse sand) in foundation and plinth	Cum	6		
6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 with Cement mortar 1:4 (1 cement: 4 coarse sand) in superstructure above plinth level up to height of 6 mtr.	Cum	6		
8	Supplying and filling in plinth with Jamuna sand under floors, including watering, ramming, consolidating and dressing complete.	Cum	30		
9	Filling existing boulders/stones ,concrete debris (available within lead of 250 mtr. from site) below plinth/ concrete floor etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering	Cum	10		
10	P/F 15 mm cement plaster of 1:4 (1 cement: 4 coarse sand) on brick wall	Sqm	170		

S.No	Description of Item	Unit	Qty.	Rate	Amount
11	62 mm thick cement concrete flooring with concrete hardener topping, under layer 50 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer 12mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate, 6mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacture's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.	Sqm	30		
12	Cement concrete with 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) at various locations wherever directed.	Cum	20		
13	Extra for providing and mixing water proofing compound of approved make & quality in cement concrete /plaster wherever directed, as per manufacturer's specification	litre	20		
16	Providing and fixing 5 mm thick Aluminium composite panel (4 mm thick core) , PVDF coating ,complete in all respect of approved make fixed in panels of aluminum fixed glazing shutters with suitable arrangement using aluminium snap beading screws etc. complete as per given drawings and directions of IUAC engineer (Cost of aluminium snap beading shall be paid in basic item).	Sqm	5		
17	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	550		
18	Providing and fixing 200x10 mm aluminium tower bolts, ISI marked, anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete.	Each	4		
19	Providing and fixing ISI marked oxidised M.S. tower bolt (250x10 mm) black finish, (Barrel type) with necessary screws etc. complete	Each	4		
20	Providing and fixing ISI marked oxidised M.S. sliding door bolts (of size 250x16 mm) , with nuts and screws etc. complete	Each	1		

S.No	Description of Item	Unit	Qty.	Rate	Amount
21	Wall painting with premium acrylic emulsion paint of interior grade with 2 or more coats , having VOC (Volatile Organic Compound) content less than 50 grams/ liter of approved brand and make, including applying additional coats wherever required to achieve even shade and colour including applying one coat of cement primer before applying paint and including removal /scrubbing of existing paint ,if any.	Sqm	550		
22	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying two or more coat of enamel paint including priming coat of approved steel primer to give an even shade all complete.	Kg	100		
23	Providing and fixing precoated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 meter or as desired by IUAC Engineer . The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete up to any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	Sqm	10		
24	Steel work in built up tubular Hot finished welded type tubes (round tubes) etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.	Kg	300		
25	P/F angle iron, tee section, M.S Sheet etc for door, window including frame etc including cutting, welding, hoisting, fixing in position all complete.	Kg	110		
26	Providing and fixing 25 mm thick Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade I Type II), having one side decorative lamination and other side balancing lamination, including 11nd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete for making shutters of cupboards.	sqm	105		
27	Providing and fixing teak wood edging /lipping (25 x 5 mm) with 2nd class teak wood on all exposed edges of wooden shutter	Rmtr	70		

S.No	Description of Item	Unit	Qty.	Rate	Amount
28	P/F Kiln seasoned and chemically treated hollock wood frame on brick work for fixing shutter including making rebate ,fixed with rawl plug ,drilling necessary holes for rawl plug and also including priming coat of wooden primer applying putty and 2 or more coats of enamel paint to give even finishing	Cum	0.5		
29	Providing and fixing Triple strip vertical type magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete	Each	32		
30	Providing and fixing special quality chromium plated brass cupboard locks (size 65 mm) with six levers of approved makes quality including necessary screws etc. complete	Each	15		
31	Providing and fixing 75 mm chromium plated brass handles with necessary screws etc. complete	Each	32		
32	Providing and fixing bright finished brass tower bolts 100 mm (barrel type) with necessary screws etc. complete :	Each	15		
33	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes (110 mm diameter) conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, Single socketed pipes including required moulded UPVC fittings such as coupler ,door bend , shoe etc	Rmtr	20		
34	Removing of existing steel door of size 3m. X4.1 m and refixing at nearby location as instructed by IUAC Engineer including providing misc. accessories as reqd. and any cutting/welding etc. Note: (1) Before quoting rate, bidder may see the actual condition at site.	L.S	1		
35	Providing and fixing False ceiling consisting of 2'x2' powder coated GI panels (20 gauge) and powder coated G.I framework (minimum thickness of powder coating 50 micron) consisting of tee/angle section of approved size and make including perimeter angle fixed to wall with stainless steel screws & rawl plugs @450 mm c/c and supporting the frame work with 6mm dia G.I level adjusting hangers including ceiling cleat, dash fasteners & necessary cadmium plated machine screw all complete as per direction of IUAC Engineer	Sqm	110		

S.No	Description of Item	Unit	Qty.	Rate	Amount
36	Cutting chase (1 " deep) in existing Beam Hall-II wall by mechanical cutter and inserting corrugated G.I sheet in the chase, filling the gap with cement mortar 1:3 (1 cement :3 fine sand) and making gola 75x75 mm in C.C. 1:2 :4 (1 cement :2 coarse sand : 4 graded stone agg.) over the end of sheet touching the wall and finishing gola with cement mortar .	Rmtr	18		
37	Providing and applying Premium acrylic smooth exterior paint mixed with silicon additives over existing cement plastered surface with 2 or more coats @ 1.43 ltr /10 sqm over and including priming coat of exterior primer applied @ 1.13 kg /10 sqm to give an even shade.	Sqm	110		
38	Painting with enamel paint (2 or more coats) on MS structure, door ,window etc with approved make and colour so as to give an even shade (surface area of all the pipes to be measured for payment)	Sq.m	120		
39	Supply and stacking of fresh soil (for horticulture uses) , including carriage, loading , unloading (measured stacks will be reduced by 20% for payment)	Cum	90		
40	Spreading/ Filling with available soil of item no. 39 and earth (excluding rock) in trenches or embankment in layers (each layer should not exceed 15 cm), as decided by Engineer -in-charge, including compacting each layer by rolling/ ramming and watering, all complete as per drawing and direction of Engineer -in - charge	Cum	90		
	Total				