

INTER-UNIVERSITY ACCELERATOR CENTRE

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

NOTICE INVITING E-TENDER

TENDER NO: IUAC/NIT/44/HAR/2018-19

Dated: 07/03/2019

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/supply of **“Providing & Fixing Shed with Polycarbonate Sheet supported on M.S tubular framework over Beam Hall –I roof, IUAC”**.

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/EMD as applicable. The Earnest Money Deposit 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 IUAC website www.iuac.res.in and 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	Providing & Fixing Shed with Polycarbonate Sheet supported on M.S tubular framework over Beam Hall –I roof, IUAC”.
Tender No.	IUAC/NIT/44/HAR/2018-19
Tender Value/Estimate	Rs.13,90,000/- (Rupees Thirteen lacs ninety thousand)
Earnest Money Deposit	Rs 28,000/-(Rupees Twenty Eight thousand only) in the form of D.D.
Bid Submission End Date	28/03/2019 at 3.00 p.m.
Technical Bid Opening Date	29/03/2019 at 3.30 p.m.
Price Bid Opening Date	To be intimated later.
Contact Person	M. B. Joseph, Administrative Officer (S&P) e-mail: joseph@iuac.res.in Phone: 011-24126018 & 24126022

SCOPE OF WORK

Scope of work will include Providing & Fixing shed with polycarbonate sheet supported on M.S tubular framework over Beam Hall –I roof **of IUAC as per General terms and condition, technical specification, drawings & mentioned in items of enclosed BOQ.**

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 uploaded the scan copies of 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 7 yrs. in Govt., Public sector, Autonomous body or reputed Public Ltd. Company, with at least one work of value not less than Rs 11.12 lakh or two similar works,

each of value not less than Rs. 6.95 lakh or three similar works, each of value not less than Rs. 5.56 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.)

Based on above mentioned criteria /documents, the contractor will be qualified for Price bid.

4. **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,
5. **Earnest Money:** An earnest money deposit (EMD) of Rs 28000 /= (Rupees twenty eight thousand only) 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 favor 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.
6. **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.
7. **Escalation:** No escalation over and above items rates quoted by the bidder shall be paid during the execution of contract.
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 **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.

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 Workman'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 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 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. Contractor should depute a technically qualified supervisor (with **minimum Diploma /Degree in civil /Mechanical Engg with relevant experience**) dedicated for this work, which will monitor and coordinate work from contractor's side and interact with the IUAC Engineers, responsible for supervision of work, on regular basis. In case of non –deployment of same, recovery for non –deployment of supervisor will be one thousand (Rs. 1000) per day.
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.
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 him to accept the lowest tender.**

Accepted

(Signature of
bidder)

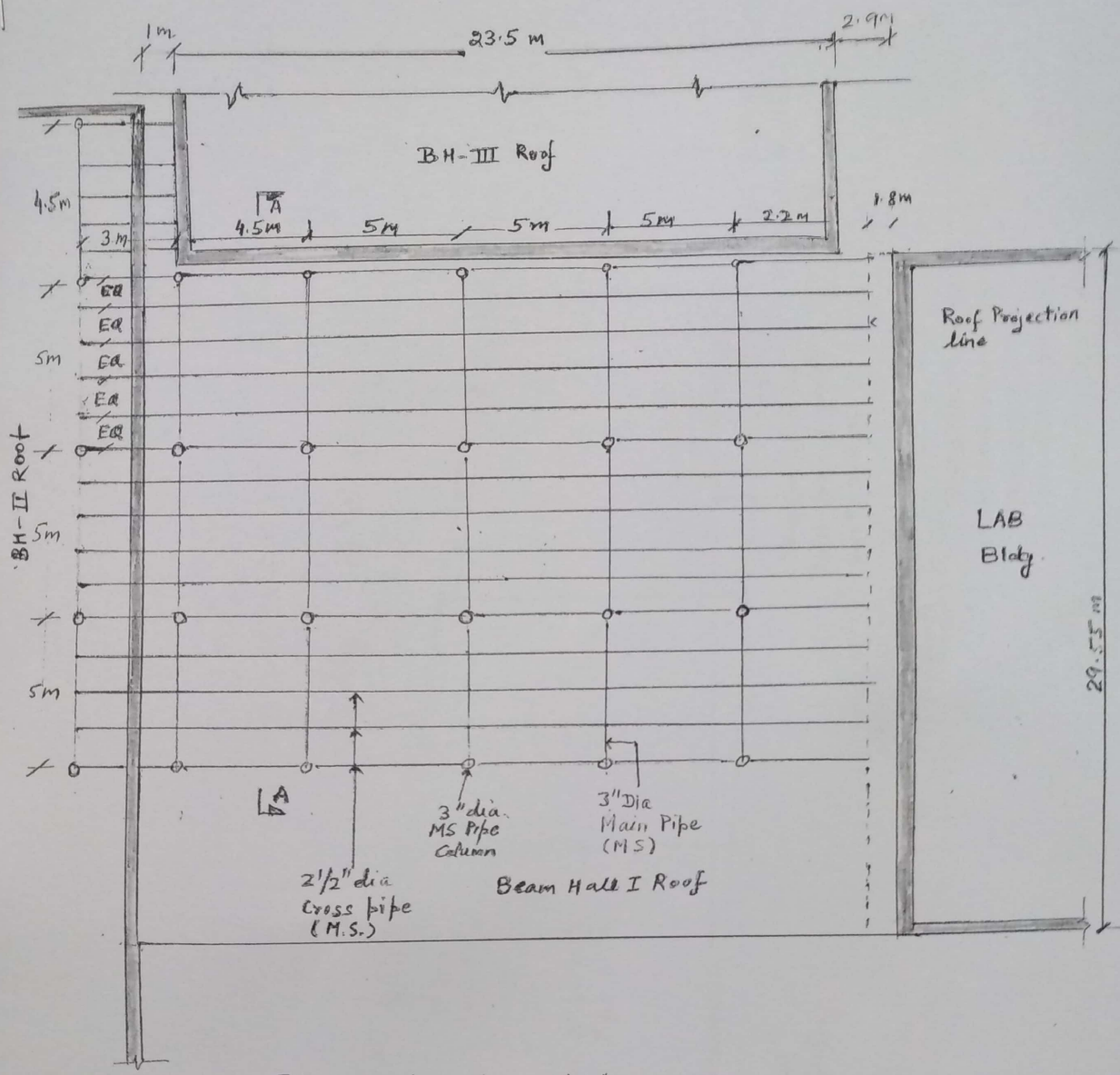
Note: - Entire NIT (except price bid) is to be uploaded with 'Technical bid (Part-A)'
duly signed & stamped by the bidder

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) All M.S tubular section used for work will be of Heavy (C class) UOS
- (iii) Payment for structural steel work will be made to contractor based on weights of sections indicated in BIS handbooks.
- (iv) Rates of concrete work will include mixing of concrete in Diesel mixer, compaction by Nozzle vibrator, finishing and curing for specified number of days.
- (v) Rates of brickwork and plaster will include curing for a specified number of days.
- (vi) 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.

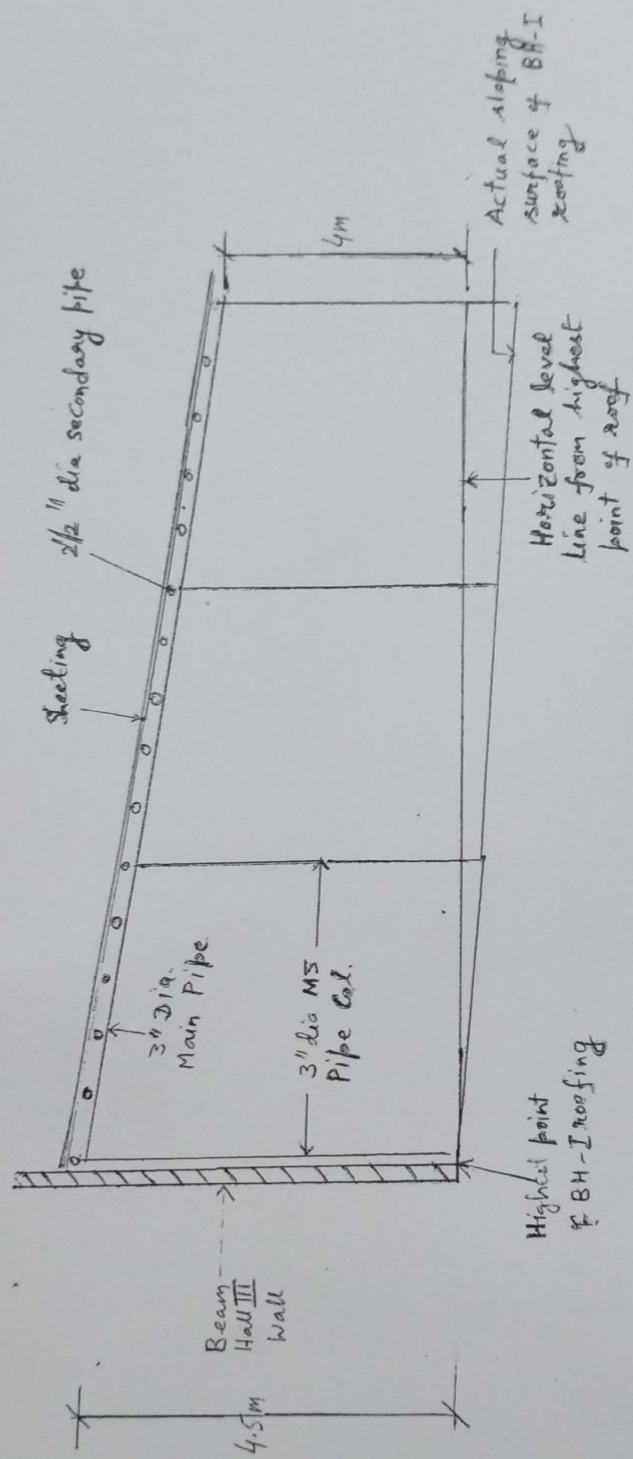
LIST OF APPROVED MAKES

- | | | | |
|----|---|---|--|
| 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, Asian |
| 6. | Polycarbonate sheet | : | Durotuff, Lexan, Gallina, Buildstar, Faisal lite, Tuflite |
| 7. | Structural Steel /MS Section | : | RANA, Jindal, SAIL, Mahavir, TATA, Barnala, RINL |
| 8. | Cement | : | ACC, Birla, JK, Shree, Ultratech Jaypee, Vikram |



Plan for providing sheeting over
Beam Hall I roof

Drawing Title : P/F polycarbonate sheet supported over M.S tubular framework over beam hall -I (Plan)
Drawing No. SK-2/2019
 February 2019 (Sheet 1 of 2)



SECTION A-A

Drawing Title: P/F polycarbonate sheet supported over
 M.S tubular framework over beam hall - I (Section A-A)
 Drawing No. SK-2/2019
 February 2019 (Sheet 2 of 2)

BOQ**Name of work : P/F shed with poly carbonate sheet over Beam Hall I roof**

S.No	Item description	Unit	Qty.	Rate	Amount
1	Supplying, fabricating and fixing in position M.S. tubes (Hot finished welded type tubes, Heavy class 'C') of various diameters, flats, square/circular bars, box sections, as required in horizontal/ vertical/ diagonal members as per drawing(s). All fixing accessories, cutting, bending, welding, grinding, drilling, tapping etc. on M.S. sections including aligning in position with necessary supports and painting with a coat of zinc chromate primer and 2 coat of PU Enamel paint of approved make and shade will be included in rate .	Kg	5550		
2	Cutting chase (1 " deep) in existing Beam Hall-III /Main Lab Building wall by mechanical cutter and inserting multi wall poly carbonate sheet in the chase, filling the gap with cement mortar 1:3 (1 cement :3 fine sand) and making gola 150 x150 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 plaster .	Rmtr	50		
3	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		
4	P/F misc. steel section e.g. angle iron, tee section ,M.S plate, Nut -Bolt etc for misc. works in shed fabrication etc including cutting, welding , hoisting, fixing in position and painting with a coat of zinc chromate primer including 2 Coats of PU enamel paint of approved make and shade .	Kg	780		
5	Providing and laying Cement concrete with 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) including centering /shuttering in pedestal below pipe coloumn and wherever directed.	Cum	2.5		
6	P/F 15 mm cement plaster of 1:4 (1 cement: 4 coarse sand) on brick wall	Sqm	70		
7	Extra for providing and mixing water proofing compound of approved make & quality in cement concrete /plaster wherever directed, as per manufacturer's specification	litre	8		

8	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	150		
9	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 upto height of 6 mtr.	Cum	2		
10	Providing and fixing 10 mm thick multiwall poly carbonate (clear/ brown/ Grey/green etc) structured sheets. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length up to 5 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, aluminum beading at end corner, complete up to any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and including cutting to size and shape wherever required. Complete, to ensure a water tight structure, as shown in Drawings and direction of Engineer-in-Charge. (Note : MS frame work shall be paid separately)	Sqm	500		
11	Providing and fixing on wall face unplasticised Rigid Single socketed pipes 110 mm dia. PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring, shoe, bend etc. conforming to IS : 5382, leaving 10 mm gap for thermal expansion,	Rmtr	30		
12	Cleaning of site (after execution of work) including disposal of moorum/ building rubbish/ malba/ similar unserviceable, dismantled or waste material by manual means / mechanical transport including loading, transporting, unloading to approved municipal dumping ground all lifts, complete as per directions of Engineer-in-Charge .	L.S	1		
	Total				