



INTER-UNIVERSITY ACCELERATOR CENTRE

[Formerly known as Nuclear Science Centre]

[An Autonomous Inter-University Centre of UGC]

Aruna Asaf Ali Marg, Post Box No. 10502, New Delhi-110 067

Ph # 011-24126022/24-26/44/45, Web: www.iuac.res.in

Tender /E publishing Ref: IUAC/E Publish/ Civil / HAR/I.420

Date: 15 July, 2026

Indent Number: 420

To,

ENQUIRY LETTER THROUGH E-PUBLISHING

Inter University Accelerator Centre (IUAC) invites quotations for **Renovation/Upgradation of Room No. 128 and Beam Hall Corridor Area in the IUAC Campus for Establishment of the Clover HPGe Detector Servicing Facility, including Necessary Civil and Electrical Works** with the following **Scope of Work, General Terms & Condition** as given in **Annexure – A**. Special Terms & conditions are given in **Annexure – B**. Profile of the Tenderer is given in **Annexure –C**. Declaration of local content is given in **Annexure -D**. Undertaking by the Bidders is given in Annexure – E. BID Securing Declaration Form is given in Annexure – F. SITE VISIT DECLARATION is given in Annexure -G **&** Bill of quantities is given in **Annexure -H**.

You are requested to submit your hard copy sealed offer addressed to **Administrative Officer (S&P)** for above work along with required documents with attaching the profile of your firm/company on your company letter head through post or courier latest by **August 06, 2026 up to 3.00 pm**. **Please also mention the indent no. 420 along with name of work on top envelope.**

Yours faithfully,

A.O. (S&P)

IUAC, New Delhi

SCOPE OF WORK

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

BOQ items: The following tasks/items are proposed under this scope in IUAC campus, situated at Aruna Asaf Ali Marg, New Delhi with strict access control and limited working hours due to scientific laboratory along administrative office area:

Renovation/Upgradation of Room No. 128 and Beam Hall Corridor Area in the IUAC Campus for Establishment of the Clover HPGe Detector Servicing Facility, including Necessary Civil and Electrical Works:

- (i) Removal of existing air ducts and allied accessories & blanking off of existing duct openings.
- (ii) Dismantling of false ceiling, doors, windows, pipes and miscellaneous fixtures.
- (iii) Providing epoxy flooring in the laboratory.
- (iv) Replacement of existing doors and windows with new uPVC units.
- (v) Providing heavy-duty aluminium door in Beam Hall Corridor.
- (vi) Providing new uPVC door for HYRA Electronics Room.
- (vii) Repair and finishing of slab and existing almirahs.
- (viii) Construction of aluminium-glass cabin for creating Clean Room/cabin inside of room.
- (ix) Providing PVC strip curtains at required locations.
- (x) Painting and finishing of the complete room.
- (xi) Upgradation/modification of existing store room.
- (xii) Providing door closers and other door hardware.
- (xiii) Upgradation of existing almirahs with new shutters.
- (xiv) Providing and fixing fire-rated door with frame and panic bar in the corridor.
- (xv) Internal electrical works including LED lighting, switches, sockets, wiring, MCBs and AC power points.
- (xvi) Any other Miscellaneous civil, electrical, fabrication and finishing works required for the facility.

Note: The above items are indicative only. Any other allied, miscellaneous civil, electrical, fabrication, repair, finishing or installation works required within campus and within the scope of the BOQ shall also be executed as directed by the Engineer-in-Charge.

(ii) The bidder should have a site visit to take assessment of actual site condition before quoting / filing his rate in the tender. After quoting of rate, there will not be any claim regarding site difficulties and rate enhancement to be considered.

General Terms & Conditions

The bidder is required to ***agree*** on the following terms and conditions for successful submission of bid:

Technical specifications: All the works to be carried out as per CPWD specifications. The bidder should agree on the technical specifications as mentioned in Annexure-A and provide all the necessary documents supporting the specifications mentioned in the table.

1. Quotation currency: Price of the item should be quoted as unit price in Indian Rupee (INR) only. Freight and Packing Charges, if any, should be provided along with the quotation.

2. Validity of quotation: The period of validity of quotation should be 60 days

3.Completion time: The completion time of tendered works should be within 60 days from date of issue of purchase order.

4. Defect Liability period: Defect liability period for all the items executed under works from the date of completion of work at IUAC shall be 365 days. Any defect arising in the work 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.

5. Earnest Money Deposit: EMD of Rs. 18000 (Eighteen Thousand Rupees Only) is to be submitted along with the bid document in the form of Demand Draft in favour of IUAC, Delhi. Bid Security shall be refunded to the un-successful bidders on award of contract and to successful bidders on receipt of Performance Security. EMD is the mandatory requirement, however the MSMEs / NSIC registered with Government Agencies are exempted from payment of Earnest Money Deposit (EMD) and are required to submit Bid Security Declaration form subject to conditions given below: -

- (a) MSMEs participating in the tender must submit valid & authorized copy of certificate of registration. The MSME's Bidder to note and ensure that nature of services and goods / items manufactured mentioned in MSME's certificate matches with the nature of the services and goods / items to be supplied as per Tender.
- (b) The registration certificate issued by agencies must be valid as on Bid closing date of the tender. Bidder shall ensure validity of registration certificate in case bid closing date is extended.
- (c) The MSMEs who have applied for registration or renewal of registration with any of the authorized agencies / bodies but have not obtained the valid certificate as on close date of the tender, are not eligible for exemption / preference.

6. Performance Security: - The contractor/ supplier shall need to submit the Performance Security within 15 days on issue of Purchase Order in the form of irrevocable bank guarantee or FDR issued by any Indian Nationalized Bank for an amount which is 5% of the order value and should be kept beyond the delivery period. The Performance Security shall be refunded to the contractor/ supplier after the due certification by IUAC personnel.

7. Rates all inclusive: - Rates quoted by contractor will be all-inclusive i.e., they will include the cost of materials, labour tools, equipment, cartage, scaffolding, ladders, fuel, wastage, fixing charges, all types of taxes (**excluding GST**) and all other expenses not specifically mentioned but reasonably implied. Nothing over and above these rates shall be paid to the Contractor.

8. GST: Extra as applicable.

9. Escalation: No escalation in the accepted contract rates shall be admissible during the entire period of execution of the work, including any extension of time granted for any reason whatsoever. The quantities indicated in the BOQ are provisional and based on estimates and may vary by $\pm 25\%$ during actual execution, depending upon site requirements. Payment shall be made only for the actual quantities executed and measured at site, at the accepted contract rates, and no escalation, revision, or additional compensation shall be payable on account of such variation in quantities.

10. Security Deposit: - A security deposit equal to 5 % of the value of work (excluding GST) will be deducted from Contractor's bill and will be returned after the completion of defect liability Period, after ensuring successful performance of the system executed by the contractor.

11. Extra Item: - If any extra item appears in the work, the contractor shall submit its rate analysis supported with documents **which** shall be approved by IUAC. If required, IUAC can make its own rate analysis based on DSR 2023 document of CPWD or based on market rates and certify the bill accordingly and the same shall be binding and acceptable to the contractor.

12. 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 (except GST) per week will be deducted subject to a maximum of 10% of contract value (except GST). However, in case the works are delayed beyond the scheduled completion/ contract period, IUAC reserves the right either to pre close the contract or to get the work/part work done by any other contractor/agency at the risk and cost of the bidder and amount to this effect will be deductible from tenderer's bills/dues with an additional amount @ 10% as per departmental charges.

13. Water /Electricity for Execution of Works: -Water/Electricity required for execution (if required at any stage) will be provided by the client at free of cost at one point near to site.

14. Bills: -Contractor can submit two running bill and one **final bill** (after completion of work) as per the format approved by IUAC engineer. Payment will be made to him for various items of work at the rates quoted by him and for the actual quantities of work executed by him as per drgs. and engineer's instructions.

15. Force majeure: IUAC may grant an extension of completion time of works/ items in case it is delayed by force majeure beyond the supplier's control. Force majeure is defined an event of effect that cannot reasonably be anticipated such as acts of God (like earthquakes, floods, tsunami etc.), the direct and indirect consequences of wars (declared or undeclared), national emergencies, pandemics/epidemics, quarantine restrictions, civil commotions and strikes (only those which exceeds a duration of ten continuous days) at successful Bidder's factory. Apart from the extension of the time limit, force majeure does not entitle the successful Bidder to any relaxation or to any compensation of damage or loss suffered. The decision of the Director, IUAC will be final and binding for the bidder.

16. Director, IUAC reserves the right to accept / reject any / all tenders in part / full without assigning any reason whatsoever and the decision of the IUAC in this regard will be binding on all the bidders. IUAC Director also reserves the right to disqualify any bidder and / or cancel the order at any point of time without assigning any reason whatsoever. **The decision of the IUAC Director will be final and binding on the bidder / supplier / contractor.**

17. Correspondence: All the correspondence in respect of bid / contractual obligation shall be made to "The Administrative Officer (S&P), Inter University Accelerator Centre, Aruna Asaf Ali Marg, New Delhi – 110067". E-mail: iuacstores@gmail.com, Telephone: +91-11-24126018, 24126022.

18.The contract shall be governed by the Indian Laws. Any dispute arising out of this contract will be subjected to jurisdiction of New Delhi / Delhi only.

19. Last date for submission: - The last date for submission of quotation (by hand/speed post/registered post) on company letter head **06/08/2026 at 3.00 pm** by mentioning **Indent No 420** on the sealed envelope.

(Signature of bidder along with official seal)

SPECIAL TERMS AND CONDITIONS

1. **Work Program:** After award of work, contractor will immediately make a work program in consultation with IUAC Engineer as to which activity is to be done in which sequence. Thereafter, contractor will carry out the work in that sequence.
2. Quantities mentioned in tender are approximate. Payment will be made to the contractor on the basis of actual quantities executed by him as per scope of work, dwgs. and Engineer's site instructions. Contractor's rates will remain firm for any variation in quantities.
3. Contractor will keep one qualified and experienced Supervisor at site at all times to look after the work and interact with IUAC Engineers for execution of work. If work at site is proceeding without proper supervision from contractor's side, that work may be rejected and may not be measured and paid.
4. Water and electricity can be provided to contractor at one point free of cost. From this point, contractor will arrange his own further distribution.
5. IUAC can make minor alterations in design/dwgs. /Scope of work during execution of work as per site conditions and new requirements. Contractor will have no extra claim in rates as well as time extension on this account. However, in case of major changes, suitable time extension can be given to contractor on the request of the letter.
6. Contractor will follow the provision of all prevalent labour laws, acts of central and local govt. and contractor shall be fully responsible for any violation in this regard. Contractor shall maintain proper attendance register, wage records and shall present them to the Centre whenever asked for. IUAC can recover money from contractor's bills if it has to incur some expenditure in this respect.
7. Contractor shall undertake all safety precautions during the execution of work as laid down in relevant I.S. codes and CPWD safety manual. In the case of injury to any person, contractor shall always have the arrangement to remove him to hospital for treatment at his own cost and he will solely be responsible for any consequences arising out of any violation of safety norms.
8. **Gate Passes:** Movement of materials in and out of campus will be through proper Gate passes signed by IUAC Engineer.
9. **Movement of Labour:** Contractor shall take written permission for entry of labour for the duration of the work of the said project. No unauthorized labour will be permitted inside the campus. For late working by labour and night stay, if required, separate permission should be taken.
10. Contractor will remove/dispose all malba and debris out of IUAC, arising in the process of work at his own cost. Unless work site is duly cleaned of above, contractor's bill will not be cleared.
11. Contractor will be solely responsible for the safety and security of his materials, tools and equipment's. No claim shall be entertained by IUAC for any loss/theft /damage of contractor's materials. If required, he may request IUAC engineer for a lockable store and if available, the same may be provided to him.
12. **Termination of work:** If in the opinion of IUAC Engineer, contractor is not performing the job properly in terms of quality and quantity, delaying the job considerably, not respecting the provisions of drawings, specifications, terms and conditions and Engineer's instructions, the Director on recommendation of the Engineer can terminate the work prematurely or else some portion of the work shall be withdrawn from the contractor and will be given to some other contractor at the risk and cost of existing contractor. In such cases, security deposit of the contractor deducted till then shall be forfeited and any further payment on running bills may be stopped till a suitable negotiated settlement is reached.

13. Contractor will use only approved makes of materials as listed below. Those materials for which makes are not specified, contractor will get the material approved by Engineer before incorporating in the work.
14. Contractor will maintain the required line and workmanship level while execute the job at site.
15. Detailed specification of various items of work with respect to materials and workmanship shall conform to relevant IS codes and CPWD specifications.
16. **Samples of material:** After award of work the contractor shall submit the relevant samples of all items at his own cost to IUAC and get them approved before start of work. These samples will be sealed by the IUAC in the presence of the contractor and shall remain in the custody of the IUAC for reference and comparison till the completion of work.

17. Approved makes:

1.	Acrylic / Oil bound distemper	: Asian, Jenson & Nicholson, Berger, Nerolac, ICI paints
2.	Premium Acrylic Emulsion Paint	: Shalimar, Asian, Jenson & Nicholson, Berger, ICI, Nerolac
3.	Enamel paint	: Do
4.	Epoxy Paint	: Do
5.	PU Enamel	: MRF, Berger, Asian, Jenson & Nicholson
6.	POP	: JK, Laxmi, Sakarni, Sri Ram, Nirman & Aadhar SHREE
7.	Wall Putty	: Birla, Trimurti, JK Wall Care, Asian
8.	Steel Reinforcement Bars	: RINL, TISCO, Sail, Jindal
9.	Cement	: OPC /PPC confirming to IS :1489 -ACC, Birla, AMBUJA, Jaypee, J.K Cement, Cement
10.	Flush Door	: Century, Ply Board, Duro, Alpro, Minimax, Greenply & Jain Door
11.	PTMT Sanitary fittings	: Pure Flow, Jal Bath, Prayag, Oriplast, Polytuf, Kindle, Marino, Ruby
12.	UPVC Windows/ Door	: Fencsta, Rehav Poly wood, Duroplast, Rajshri Plastiwood
13.	Wooden work	: Kitply, Greenply, Sarda, duroply
14.	Pre-coated iron galvanized profile sheet and accessories	Lloydeck, Trackdeck, Multiclad, TATA Bluescope, Dyna Roof, Bhushan Steel, Jidnal
15.	Water proofing compound	FOSROC, SIKA, CICO
16.	Wall putty	JK Wall putty, Birla putty
17.	Aluminium sections	Jindal, Hindalco, Indalco, Mahaveer
18.	White Cement	ACC Birla, Ultra-Tech
19.	Glass (float/ sheet)	Modiguard, Saint Gobian, TATA Continantal
20.	Vitreous china sanitary ware	Paryware, Hindustan Sanitary ware, CERA
21.	Plastic WC cover	Hindustan Sanitary ware, Commander
22.	Stainless Steel sink	Nilkanth, Nirali, Jayna, Crysil
23.	G.I pipes & MS section	Jindal, TATA, Prakash, Surya, Capital, Rana
24.	G.I fittings	Unik, ZOLOTO-M, DRP-M, Kent
25.	CPVC pipe	Astral, Ashirwad, SFMC

26	Rain water & PVC pipes & fittings	Prince, Supreme, Finolex, SFMC
27	Gunmetal valves	Leader, Sant
28	Upvc pipes & fittings	Supreme, Finolex, SFMC
29	Stoneware Pipes,	Gully Traps (IS 651) Pragati, Perfect, Burn, C&
30	False Ceiling	Saint Gobain, Gyproc, Armstrong, DEXUNE, USG Boral,
31	Any other material (not mentioned /available from above)	: Standard approved list as per CPWD or prior approval of Engineer in Charge

Annexure - C

PROFILE OF THE TENDERER (To be given on Company Letter Head)

1. Name of the Firm / Organization :
2. Address :
3. Telephone No. / Mobile No. & Name of the Contact Person :
4. Fax No. :
5. E-mail ID :
6. Month and Year of establishment :
7. Name of proprietor / partners/director :
8. No. of years of experience in this field, with Reference, Certificates :
9. Annual Turnover during the last three years
(Enclose copies of Audited Financial
Duly certified by CA)
 - 2022 – 23 :
 - 2023 – 24 :
 - 2024 _25 or latest :
10. Whether the firm is a Tax Assessee ? If so, please give the details of PAN and the copies of ITR files for the last three financial years :
11. Copy of GST Registration :
12. Name of the OEM and address (if applicable) :

Signature of the Tenderer & Seal

Annexure – D

DECLARATION OF LOCAL CONTENT

(To be given on Company Letter Head – For tender value below Rs.10 Crores) (To be given by Statutory Auditor / Cost Auditor / Cost Accountant / CA for tender value above Rs.10 Crores)

To,

The Director,

Inter University Accelerator Centre

Aruna Asaf Ali Marg New Delhi- 110 067

Subject: - Declaration of Local Content

Tender Reference No: -

Name of Tender/ Work: -

1. Country of Origin of Goods being offered: -

2. We hereby declare that items offered has % local content.

3. Details of the Location at which the Local Value Addition is made

4. Details of Local Content

* “Local Content” means the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of the imported content in the item (including all customs duties) as a proportion of the total value, in percent.

Bidders offering Imported products will fall under the category of Non-Local Suppliers. They cannot claim themselves as Class-I or Class –II Local Suppliers by claiming the services such as Transportation, Insurance, Installation, Commissioning, Training and After Sale Service Support like AMC/ CMC etc. as Local Value Addition.

“*False declaration will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law.”

Yours faithfully,

(Signature of the bidder, with Official Seal)

Note: Preference shall be given to local suppliers as per revised Public Procurement (Preference to Make in India), Order 2017, No. P-45021/2/2017-PP (B.E-II) dated 16.09.2020 issued by DPIIT, Ministry of Commerce and Industry, Govt. of India. (Submit duly filled Declaration of Local Content for the same). The Declaration once submitted in the Technical Bid will be final. Submission of Revised Declaration will NOT be accepted

(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 wilful 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.**

Place:

Date:

Seal and Signatures of the Authorized Person of the Agency

Name and designation of the Authorized Person of the Agency

BID SECURING DECLARATION FORM

(To be submitted by MSME / NSIC on Company's Letterhead)

Tender No.

Date:

To:

**The Director
IUAC
New Delhi-110067**

I / We, the undersigned, solemnly declare that:

I / We understand that, according to your conditions of this Tender document, bids must be supported by a Bid-Securing Declaration in lieu of Bid Security Deposit.

I / We unconditionally accept the condition of this Bid Security Declaration that I / We will automatically be disqualified / suspended from bidding for any contract with IUAC, New Delhi for a period of two years starting from the last date of receipt of this bid / tender, if I / We are in a breach of our obligation(s) under the bid conditions, if I / We:

(a) withdraw / modify / amend / impair / derogate, in my respect from our Bid during the period of bid validity specified in the Tender Notice.

(b) having been notified of the acceptance of our Bid by IUAC, New Delhi during the period of bid validity, (i) fail or refuse to execute the Contract, or (ii) fail or refuse to furnish the Performance Security, in accordance with terms and condition of the tender/bid.

I / We understand this Bid-Securing Declaration shall expire if I / We are not the successful Bidder, upon the earlier of

- (i) our receipt of your notification of the name of the successful Bidder; or**
- (ii) Forty-five days after the expiration of the validity of my / our Bid.**

**Name and Signatures of
the Bidder:**

**Registered Address of the
Company:**

Company seal

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.

SITE VISIT DECLARATION

(To be submitted by tenderer on Company's Letterhead)

Date:

To:
The Director
IUAC
New Delhi-110067

Subject: Site Visit Declaration for Tender No. [Insert Tender Number] [1, 2]

Work Name:

Dear Sir/Madam,

I/We, _____ (Name of the Bidder/Authorized Representative), representing the company/firm

_____ (Name of the Company),

hereby declare that:

1. Site Inspection: I/We have physically visited and inspected the project site located at _____ on / /20____ (Date of site visit) to assess the exact site conditions.
 2. Evaluation: I/We have carefully evaluated the location, topography, surrounding environment, accessibility, and all other factors that may affect the execution of the work.
 3. Understanding the Scope: I/We have fully understood the nature, scope, and requirements of the project as outlined in the tender documents.
 4. No Future Claims: I/We hereby confirm that we have submitted our bid after fully satisfying ourselves with the local conditions. We will not raise any claim, dispute, or ask for extra financial compensation in the future due to a lack of knowledge regarding site conditions or local constraints.
- Thanking you,

Yours faithfully,

(Signature of the Bidder / Authorized Representative)

Name: _____

Designation: _____

Company Name: _____

Contact No: _____

Email: _____

[Company Seal/Stamp]

Bill of Quantity

Name of work: Renovation/Upgradation of Room No. 128 and Beam Hall Corridor Area in the IUAC Campus for Establishment of the Clover HPGe Detector Servicing Facility, including Necessary Civil and Electrical Works

Sr. No.	Description of Item	Unit	Qty.	Rate	Amount
1	Dismantling doors, windows and clerestory windows (steel/wood/aluminium) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 250 metres lead as directed by IUAC Engineer	Sqm.	20.00		
2	Dismantling existing air duct of dia. /periphery of approx. 3 feet made up of steel sheet (2 mm thick) along with MS angle etc , complete work in sections including dismembering and stacking within 250 metres lead of GI sheet duct along with Channels, angles, tees complete as per direction of IUAC engineer .The height where duct is fix are approx. 3.4 meter from the from G.L .No extra payment to be made later for special arrangement to be made at such height for removal of duct and dispose /stacked of the same to existing central junk yard /store area within IUAC campus complete as per direction of IUAC Engineer. Note: Structural frame work for duct including MS angle frame is existing on site & weight of the ACP duct sheet along with MS section only shall be measured for payment). Note: Contractor may see the site before quoting rate to see the actual condition of work/site.	LS Job	1.00		
3	Dismantling existing false ceiling (made up of fibre mineral board and gypsum board) including runner and tee etc., and stacking the material within 250 metres lead of as directed by IUAC Engineer.	Sqm.	45.00		
4	Demolishing brick work (made up in cement mortar) manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.	cum	1.00		
5	P/L 15 mm cement plaster of 1:4 (1 cement: 4 coarse sand) on brick work complete as per direction of Engineer-in-charge	Sqm.	30.00		
6	Providing and laying in position cement concrete of 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources: 3 graded stone aggregate 20 mm nominal size derived from natural sources) grade including the cost of centring and shuttering.	Cum	1.00		
7	Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification.	Litre	4		

Sr. No.	Description of Item	Unit	Qty.	Rate	Amount
8	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer and including two coats of synaesthetic enamel paint all complete.	Kg	100.00		
9	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia. and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, panelling and dash fasteners to be paid for separately): Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)	Kg.	230		
10	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete: Upto 5mm depth and 5 mm width	metre	10		

Sr. No.	Description of Item	Unit	Qty.	Rate	Amount
11	Providing and fixing factory made uPVC white colour fixed glazed windows/ ventilators comprising of uPVC multi-chambered frame and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), , uPVC extruded glazing beads of appropriate dimension, EPDM gasket, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame shall be mitred cut and fusion welded at all corners; mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately). Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made.: Fixed window / ventilator made of (small series) frame 47 x 50 mm & mullion 47 x 68 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area up to 0.75 sqm.) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable.	Sqm.	4.00		

Sr. No.	Description of Item	Unit	Qty.	Rate	Amount
12	Providing and fixing factory made uPVC white colour casement/ Casement cum fixed glazed door comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, zinc alloy (white powder coated) 3D hinges and one handle on each side of panels along with zinc plated mild steel multi point locking having transmission gear, cylinder with keeps and one side key, G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws, etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners; mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately). Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made.: Casement door with top hung ventilator with 3D and S.S. friction hinges (400 x 19 x 1.9 mm) made of (big series) frame 67 x 64 mm, sash 67 x 110 mm & mullion 67 x 80 mm all having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of door upto 2.10 sqm) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable.	Sqm.	8.00		
13	Providing and fixing aluminium handles of size 125mm, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS: 1868)	No.	4		
14	Providing and fixing aluminium hanging floor door stopper (twin rubber), ISI marked, anodised (anodic coating not less than grade AC 10 as per IS: 1868)	No.	3.00		
15	Providing and fixing bright finished 100 mm mortice lock with 6 levers of approved quality for doors, with necessary screws etc complete as per direction of Engineer- in-charge.	No.	3		

Sr. No.	Description of Item	Unit	Qty.	Rate	Amount
16	P/A EPU patching compound (Cipycrete or Cipy Polymenrs or equivalent of Asain, Sika, Fosrock) 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	50		
17	Providing and laying Epoxy floor coating to flooring and skirting surface in Lab/Room as per below mentioned items. (i) Chemical cleaning of the surfaces with Chemistic Florklin (or equivalent) mixed with water allowing 15-20 minutes for reaction time, then rinsing the area thoroughly and allowing to dry (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 Chemisol, Fosroc ,MRF or equivalent) mixed with silica sand and making it smooth and even to take the epoxy floor coating. (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 Chemisol, Fosroc, MRF or equivalent) on the prepared surface. (iv) Applying two coats of dust proof solvent free epoxy floor coating/screed in average 2 mm (1 mm + 1 mm) thickness (of reputed makes like Chemisol, Fosroc, MRF 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.	50		
18	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	Sqm.	150.00		
19	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.	150.00		
20	Providing and applying plaster of Paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm.	150.00		

Sr. No.	Description of Item	Unit	Qty.	Rate	Amount
21	Applying priming coats with water thinnable cement primer on wall surface having VOC content less than 50 grams/litr of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.	Sqm.	150.00		
22	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.	Sqm.	300.00		
23	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: One or more coats on old work	Sqm.	100.00		
24	Providing, fabricating, supplying installing and fixing in position Aluminium Composite Panel Cladding, of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. with open grooves for linear as well as curvilinear portions of the cabin , of approx 3 meter heights. Base frame work for ACP cladding is payable under the relevant aluminium items. The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete, as per the drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge. However, for the purpose of payment, only the actual area on the external face with Aluminium Composite Panel Cladding (including width of groove) shall be measured in sqm. up to two decimal places.	Sqm.	15.00		
25	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors/windows/partition frames with C.P. brass / stainless steel screws etc., complete as per drawings. Pre-laminated particle board with decorative lamination on one side and balancing lamination on the other side.	Sqm.	15.00		

Sr. No.	Description of Item	Unit	Qty.	Rate	Amount
26	Providing and fixing glazing in aluminium windows, ventilators and partition etc. with 6 mm thick clear float glass both sides, having 12 mm air gap, including providing EPDM gasket, perforated aluminium spacers, desiccants, sealant (Both primary and secondary sealant) etc. as per specifications, drawings and direction of Engineer-in-charge complete	Sqm.	8		
27	Providing and fixing bright /matt finished Stainless Steel handles 100mm of approved quality & make with necessary screws etc all complete.	each	4		
28	Providing and fixing magnetic catcher, triple strip vertical type of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete	each	4		
29	Providing and fixing heavy duty aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS: 3564, embossed on the body, door weight up to 35 kg and door width up to 700 mm), with necessary accessories and screws etc. complete.	each	3		
30	Providing and fixing aluminium tower bolts 200x10, ISI marked, anodised (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	10		
31	Providing and fixing SS 304 rod of 20 mm dia. Providing and fixing SS 304 curtain rod having wall thickness of 1.25mm with two SS 304 brackets fixed with C.P. brass screws and PVC sleeves etc., wherever necessary complete	Meter	10		
32	Welding by gas or electric plant including transportation of plant at site etc. complete as per direction of Engineer-in-Charge.	cm	100		
33	Credit for taking away old dismantled damaged MS doors /cupboard shutter, MS section, GS roofing sheet including other electrical, water supply material from dismantling shall be property of contractor, after dismantling weight to be measured before removing from the site in the presence of IUAC engineer /in charge or his authorised representative shall be taken for credit all complete. The all-tools tackles, labour for dismantling, stacking and transporting to be bear by the contractor for all this credit items.	Kg	300		

Sr. No.	Description of Item	Unit	Qty.	Rate	Amount
34	Providing and fixing transparent PVC strip curtain made of vinyl plastic strips of minimum 3 mm thickness with necessary hangers, brackets and supporting arrangement for fixing above door openings, including cutting, overlapping, labour and all incidental works, complete for preventing dust entry while maintaining cross ventilation inside the room, as directed by Engineer-in-Charge, IUAC.	Sqft	200		
35	Providing and fixing 60 mm thick glazed fire resistant door shutters of 120 min Fire Rating confirming to IS:3614 (Part II) or EN1634-1:1999, tested and certified as per laboratory approved by Engineer-in-charge, with suitable mounting on door frame, consisting of vertical styles, top rail & side rail 60 mm x 60 mm wide and bottom rail of 110 mm x 60 mm made out of 1.6mm thick G.I. sheet (zinc coating not less than 120gm/m ²) duly filled mineral wool insulation having density min 96 kg/ m ³ and fixing with necessary stainless steel ball bearing hinges of size 100x89x3mm of approved make, including applying a coat of approved fire resistant primer or powder coating not less than 30 micron etc all complete as per direction of Engineer-in-charge (panelling not to be paid for separately).	Sqm	6		
36	Providing and fixing fire-resistant door frame of section 50 x 60 mm on horizontal side & 35 x 60 mm on vertical sides having built in rebate made out of 1.6 mm thick GI sheet (Zinc coating not less than 120gm/ m ²) suitable for mounting 120 min Fire Rated Glazed Door Shutters. The frame shall be filled with Mineral wool Insulation having density min 96Kg/m ³ . The frame will have a provision of G.I. Anchor fasteners 14 no's (5 each on vertical style & 4 on horizontal style of size M10 x 80) suitable for fixing in the opening along with Factory made Template for SS Ball Bearing Hinges of Size 100x89x3mm for fixing of fire rated glazed shutter. The frame shall be finished with an approved fire-resistant primer or Powder coating of not less than 30 microns in desired shade as per the directions of Engineer - in- charge. (Cost of SS ball bearing hinges is included).	metre	8		

Sr. No.	Description of Item	Unit	Qty.	Rate	Amount
37	Providing and fixing approved make Fire Rated Vertical Rod Panic Exit Device (Panic Bar/Crash Bar) suitable for double leaf, of fire rated steel door, conforming to EN 1125/UL 305 or equivalent standards, complete with top and bottom locking rods, horizontal touch bar, latch assembly, strike plates, dogging mechanism (where applicable), stainless steel lever/operating mechanism, all fixing screws, brackets, anchors, accessories, testing, commissioning and proper functioning, complete as per manufacturer's specifications and direction of Engineer-in-Charge. The rate shall include all labour, T&P, transportation, incidental charges and complete installation. Approved makes: Dormakaba/Godrej/Dorset/Ozone/ASSA ABLOY/Yale or equivalent approved. Warranty: Minimum 02 years.	Each set	1		
38	supplying, installation, testing and commissioning 595*595 mm (N.S) LED panel having greater than 4000 lumen, efficacy>110 lumens/watt suitable for 2'x2' cut out complete with all accessories and driver etc, l/c connection with 1.5sqmm PVC insulated copper conductor wire connector and suitably installed with the help of suspension wire/chain wherever required of make Phillips/Havells/Crompton/Bajaj, complete as required as per direction of Engineer-in-charge	Nos.	10		
	Total (Excluding GST)				

GST to be paid extra as applicable