



TenderNo.11(5)/2022-MMG/01

**STRUCTURAL AND ELECTRICAL REQUIREMENTS
FOR COE LAB SETUP AT C-DAC, ACADEMIC
BLOCK, B-30, SECTOR 62,NOIDA-201309(U.P.)**

**Centre for Development of Advanced Computing
(A Scientific Society of Ministry of Electronics and Information Technol
ogy, Govt. of India),
Anusandhan Bhawan, C-56/1, Institutional Area Sector-
62, Noida-201309.**

CONTENTS

1.	NOTICE INVITING E-TENDER (NIT)	3
2.	IMPORTANT TENDER DETAILS	4
3.	SCOPE OF WORK, TECHNICAL SPECIFICATION & BOQ	5-9
4.	PREPARATION OF BIDS AND ON-LINE BIDS SUBMISSION	10-11
5.	PART NO. I (TECHNICAL BID)	12
6.	PART - II (FINANCIAL BID)	12-13
7.	INSTRUCTIONS TO BIDDERS (GENERAL)	14-18
8.	ANNEXURE A - CHECK LIST / ELIGIBILITY CRITERIA	19-21
9.	ANNEXURE B - BID SECURING DECLARATION LETTER	22
10.	ANNEXURE C - LOCAL CONTENT DECLARATION LETTER	23
11.	ANNEXURE D - NON-BLACK LISTING LETTER	24
12.	ANNEXURE E - GENERAL PARTICULARS OF BIDDER	25
13.	ANNEXURE F - TENDER ACCEPTANCE LETTER	26
14.	ANNEXURE G - PRE-BID INSPECTION REPORT	27
15.	ANNEXURE H - TECHNICAL SPECIFICATIONS	28-32
16.	SHARES A LAND BORDER WITH INDIA	33
17.	ANNEXURE 3 : LAB LAYOUT SHEET	34

1. NOTICE INVITING e-TENDER (NIT)

C-DAC Noida, a Scientific Society under the Ministry of Electronics & Information Technology, Govt. of India, invites electronic bids in Two Bid Systems for **“STRUCTURAL AND ELECTRICAL REQUIREMENTS FOR COE LAB SETUP UNDER THE PROJECT ENTITLED “ESTABLISHMENT OF CENTRE FOR EXCELLENCE (COE) FOR PRODUCTS BASED ON LI-ION CELLS (POST-CELL)” AT CDAC, ACADEMIC BLOCK, B-30, SECTOR 62, NOIDA - 201309 (U.P.)”** from the agencies having adequate experience and have successfully executed similar type of work for a government department/organization/reputed companies during past three years as per details given in Scope of Work/Technical Specification.

Tender document can be downloaded from the link: <https://eprocure.gov.in/eprocure/apporhttps://www.cdac.in>.

GC(MMG)

Ph: 0120-2210823/824

2. IMPORTANT TENDER DETAILS

Date of commencement of downloading Tender document	05.08.2022
Date & time of Pre-Bid Meeting- Through online VC	08.08.2022 at 11:30 HRS based on e-mail enquiries
Bid Securing Declaration letter in lieu of EMD- In referencetowith GFR-Clause 170(iii).	Bid Securing Declaration letter to be submitted by the bidder as per Annexure-B .
Public Procurement (Preference to Make in India) Order 2017:	This tender is in compliance with the DPIIT Order dated 15.07.2017 and subsequent amendments thereof for "Public Procurement Preference & PROVISION FOR LOCAL SUPPLIERS TOWARDS PREFERENCE TO MAKE IN INDIA. Accordingly, the class-I (Local content 50% above) and class-II (Local Content between 20%-50%) will be allowed to participate in the subject tender. The bidder required to declare the percentage of Local content for the offered service as per Annexure-C and submit the same with the Technical Bid.
Restrictions on procurement from a bidder of a countries which shares a land border with India:	In line with OM.NO.6/18/2019-PPD dated 23.07.2020 OF PUBLIC PROCUREMENT DIVISION, DEPARTMENT OF EXPENDITURE, MINISTRY OF FINANCE for RESTRICTION ON PROCUREMENT from a bidder of COUNTRIES WHICH SHARES A LAND BORDER WITH INDIA, necessary declaration need to be provided by the bidders as Annexure-D
Last date and time for online Tender submission	16.08.2022 at 15:00 HRS
Mode of Tender Submission	Tender documents shall be submitted in electronic mode using digital signature of the bidder through Central Public Procurement Portal www.eprocure.gov.in
Opening of Technical Bids	Technical Bid shall be opened through online on 17.08.2022 at 15:30 HRS
Date & Time for opening of Financial Bid	Shall be conveyed separately.
Validity of Bid	120 days from the specified date of closing of bid.
Contact to Bidders and the authority to whom the bids are to be addressed	GC(MMG) CDAC, Anusandhan Bhawan, C-56/1, Sector-62, Noida-201309, Tel. 0120-2210823/824 Email- badmmg-noida@cdac.in

Note: Bidders can view the tender opening and evaluation status by logging onto e-procurement site.

3. SCOPE OF WORK, TECHNICAL SPECIFICATION AND BILL OF QUANTITY

A. SCOPE OF WORK

Supply, Installation, Testing and Commissioning of Electrical and Civil work as mentioned in the Bill of Quantity (BoQ)

B. TECHNICAL SPECIFICATIONS

All items of work contracted for shall be executed strictly in accordance with the description of the item in the Bill of Material; specifications read in conjunction with the appropriate Indian Standard specifications and conditions of the contract and established Engineering practices.

1 ALUMINIUM

1.1 Aluminium Sections

Aluminium sections for partitions frame work & for fixed/open able windows, ventilators, doors etc. shall be suitable for use to meet architectural designs to relevant works and shall be subject to approval of the Engineer-in-Charge for technical, structural, functional and visual considerations. The aluminium extruded sections shall conform to IS 733 and IS 1285 for chemical composition and mechanical properties. The stainless steel screws shall be of grade AISI 304. The permissible dimensional tolerances of the extruded sections shall be as per IS 6477 and shall be such as not to impair the proper and smooth functioning/operation and appearance of door and Windows Aluminium glazed doors, windows etc. shall be of sizes, sections and details as shown in the drawings. The details shown in the drawings may be varied slightly to suit the standards adopted by the manufacturers of the aluminium work, with the approval of Engineer-in-Charge. Before proceeding with any fabrication work, the contractor shall prepare and submit, complete fabrication and installation drawings for each type of glazing doors, windows, ventilators and partition etc. for the approval of the Engineer-in-Charge. If the sections are varied, the contractor shall obtain prior approval of Engineer-in-Charge and nothing extra shall be paid on this account.

1.2 Fixing of Aluminium Partitioning Frames

Partitions in Aluminium frame work shall be consisting of floor and ceiling standard Aluminium sections 2½" X 1½" of 14 gauge / or approved sections at the spacing of 610 mm center to center horizontal and vertically with suitable anchor dash fastener fixed flush to walls including Aluminium L Angle, cleats, S.S. Screws etc. and making base frame for fixing medium density fiber (MDF) board to Aluminium Partition frames on both faces in paneling with C.P. brass/ stainless steel screws.

1.3 Powder Coating

1.3.1 Material: The powder used for powder coating shall be Epoxy/polyester powder of make approved by the Engineer-in-Charge. The contractor shall give detailed program for powder coating in advance, to facilitate the in section by Engineer-in-Charge or his authorized representative.

1.3.2 Pre-treatment: Each aluminium alloy extrusion or performed section shall be thoroughly cleaned by alkaline or acidic solutions under the conditions specified by chemical conversion coating supplier and then rinsed. A chemical conversion coating shall be applied by treatment with a solution containing essentially chromate ions or chromate and phosphate ions as the active components as applicable. The amount of the conversion coating deposited depends on the type Used by the conversion coating chemical supplier. The conversion coating shall be thoroughly rinsed either with the solution specified by the conversion coating chemical supplier or with de-mineralized water and then dried at the temperature for the time specified by the conversion coating chemical supplier. The contractor shall submit the detail specifications and application procedure for application of conversion coating for approval of Engineer-in-Charge. The metal surface after the conversion coating pretreatment and prior to the application of the coating shall be free from dust or powdery deposits.

1.3.3 Process: The polyester powder shall be applied by electrostatic powder spray method. Before start of powder coating the contractor shall submit detail specification for application of polyester powder from manufacturer of the polyester powder for approval of Engineer-in-Charge. The powder coating shall be

applied as per the specification approved by Engineer-in-Charge.

1.3.4 Thickness: The thickness of the finished polyester powder coating measured by micron meter shall not be less than 50 micron nor more than 120 micron at any point.

1.3.5 Performance Requirements for the Finish

(i) **Surface appearance:** The finish on significant surfaces shall show no scratches when illuminated and is examined at an oblique angle, no blisters, craters; pinholes or scratches shall be visible from a distance of about 1 m. There shall not be any visible variation in the colour of finished surfaces of different sections and between the colours of different surfaces of same section.

(ii) **Adhesion:** When a coated test piece is tested using a spacing of 2 mm between each of the six parallel cuts (the cut is made through the full depth of powder coating so that metal surface is visible) and a piece of adhesive tape, approximately 25 mm x 150 mm approved by the Engineer-in-Charge is applied firmly to the cut area and then removed rapidly by pulling at right angles to the test area, no pieces of the finish other than debris from the cutting operation shall be removed from the surface of the finish.

1.3.6 Protection of Powder Coated / Anodizing Finish:

It is mandatory that all aluminium members shall be wrapped with self adhesive non-staining PVC tape, approved by Engineer-in-Charge.

1.4 Measurement:

All the aluminium sections including snap beading, Aluminium L- Brackets, cleats fixed in place shall be measured in running meter along the outer periphery of composite section correct to a millimeter. The weight calculated on the basis of actual average (average of five samples) weight of composite section in kilogram correct to the second place of decimal shall be taken for payment. (Weight shall be taken after anodizing). The weight of Aluminium L- Brackets, cleat shall be added for payment. Neither any deduction nor anything extra shall be paid for skew cuts.

1.5 Rate: The rate shall include the cost of all the materials, labours involved in all the operations as described in nomenclature of item and particular specification.

2. PARTITIONS

2.1 Materials

(i) Gypsum Board conforming to IS 2095 (Pt.-I)

(ii) Non asbestos multi-purpose cement board conforming to IS 14862

(iii) Tapered edge calcium silicate board

Tapered Edge Calcium Silicate Boards are manufactured from Siliceous and Calcareous materials reinforced with fibers. The boards are made in a laminar process and then autoclaved to give a stable crystalline structure. It is lightweight and can be fixed to either side of timber, aluminum or lightweight galvanized metal sections. The partitions are non-load bearing and can easily be assembled at site.

2.2 Installation

The G.I. frame and board partitions shall be fixed as per nomenclature of the item and directions of Engineer-in-Charge as shown in fig.

2.3 Jointing & Finishing

Joints of the boards are finished with specially formulated Jointing compound and fibre tape to provide seamless finish. Board surface can be decorated with any type of paint, wall paper, wood veneer & hard laminates. Services should be incorporated before commencement of board fixing.

2.4 Fitting and Fixtures

It should be easy and simple to attach different fittings to wall paneling boards. Inclined nails can be fixed to the boards itself for light materials. For heavier materials the fastening should be centered on internal stud work or steel or wood frame behind the boards, fixed before boarding. Services should be incorporated before commencement of board fixing.

2.5 Tolerance

Tolerance in dimensions shall be + 5 mm.

2.6 Measurements

2.6.1 Length and breadth of superficial area of the finished work shall be measured correct to a cm. Area shall be calculated in square meter correct to two places of decimal. No deduction will be made of openings of areas up to 0.40 sqm nor shall extra payment be made either for any extra material or labour involved in

forming such openings.

2.7 For openings exceeding 0.40 sqm. in area, deduction in measurements shall be made but no extra will be payable for any extra material or labour involved in making such openings.

2.8 Rate

The rate shall include the cost of all materials and labour involved in all the operations described above including all scaffolding, staging etc.

Fig. Plan Details

DETAILS		
Board	12/ 12.5 mm Thick	One layer board on each side of studs
Board Fillets	60 / 100 mm	On each side of all studs and channels
Floor/Ceiling Channel	50 x 32 x 32 x 0.55 mm	Top and bottom perimeter of the partition
Stud	48 x 50 x 48 x 0.55 mm	Vertically at 610 mm c/c
Bracing Member	45 x 15 x 15 x 0.9 mm	At horizontal board joint on both side
Screws(C/S head)	25&35 mm long, self with under head cutter - drilling	12mm from the edge & 40mm from the corner of the board at 200 mm c/c.

3. Medium Density Fibre Board: Medium density fibre board used for panels shall conform to exterior grade as per IS 12406 made from agro-forest products or agricultural wastes or natural fibers.

3.1 Jointing & Finishing

Medium density fibre board shall be fixed to Aluminium Partition frames in paneling with C.P. brass/stainless steel screws @ 200 mm centre to centre, joints of the boards shall be finished with specially formulated Jointing edges with PVC edge bending tape 2.00 mm thick of approved brand, including providing and fixing teak wood beadings at all edges and top to provide seamless finish. Board surface shall be finished smooth so that it can be decorated with any type of paint, wall paper, wood veneer & hard laminates. Services should be incorporated before commencement of board fixing.

3.2 Tolerance

Tolerance in dimensions shall be + 5 mm.

3.3 Measurements

3.3.1 Length and breadth of superficial area of the finished work shall be measured correct to a cm. Area shall be calculated in square meter correct to two places of decimal. No deduction will be made of openings of areas up to 0.40 sqm nor shall extra payment be made either for any extra material or labor involved in forming such openings.

3.4 Rate

The rate shall include the cost of all materials and labour involved in all the operations described above including all scaffolding, staging etc.

4. WALL PAINTING WITH PLASTIC EMULSION PAINT

4.1 The plastic emulsion Paint is not suitable for application on external, wood and iron surface and surfaces which are liable to heavy condensation. These Paints are to be used on internal surfaces except wooden and steel.

4.2 Plastic Emulsion Paint as per IS 5411 of approved brand and manufacture and of the required shade shall be used.

4.3 Painting on New Surface

4.4 The surface shall be thoroughly cleaned and dusted off. All rust, dirt, scales, smoke splashes, mortar droppings and grease shall be thoroughly removed before painting is started. The prepared surface shall have received the approval of the Engineer-in-Charge after inspection, before painting is commenced.

4.5 Application: The number of coats shall be as stipulated in the item. The Paint will be applied in the usual manner with brush, spray or roller. The Paint dries by evaporation of the water content and as soon as the water has evaporated the film gets hard and the next coat can be applied. The time of drying varies from one hour on absorbent surfaces to 2 to 3 hours on non-absorbent surfaces. The thinning of emulsion is to be done with water and not with turpentine. Thinning with water will be particularly required for the under coat which is applied on the absorbent surface. The quantity of water to be added shall be as per manufacturer's instructions. The surface on finishing shall present a flat velvety smooth finish. If necessary more coats will be applied till the surface presents a uniform appearance.

4.6 Precautions

(a) Old brushes if they are to be used with emulsion Paints, should be completely dried of turpentine or oil Paints by washing in warm soap water. Brushes should be quickly washed in water immediately after use and kept immersed in water during break periods to prevent the Paint from hardening on the brush.

(b) In the preparation of wall for plastic emulsion painting, no oil base putties shall be used in filling cracks, holes etc.

(c) Splashes on floors etc. shall be cleaned out without delay as they will be difficult to remove after hardening.

(d) Washing of surfaces treated with emulsion Paints shall not be done within 3 to 4 weeks of application.

4.7 Painting on Old Surface

4.8 Preparation of Surface: The surface shall ordinarily not be painted until it has dried completely. Trial patches of primer shall be laid at intervals and where drying is satisfactory, painting shall then be taken in hand. Before primer is applied, holes and undulations shall be filled up with plaster of paris and rubbed smooth before application of Paint to get the proper flat velvety finish after painting.

4.9 Application: The number of coats to be applied shall be as in description of item. The application shall

be as specified in 5.5 except that thinning with water shall not normally be required.

LIST OF BUREAU OF INDIAN STANDARD CODES

S. No.	IS No.	Subject
1.	IS 2095	Specification for gypsum plaster board
2.	IS 12406	Specification for medium density fibre board
3.	IS 12817	Specification for stainless steel Butt Hinges
4.	IS 14900	Specifications for transparent float glass
5.	IS 1341	Specification for steel butt hinges
6.	IS 2046 -do-	Decorative thermosetting synthetic resin bonded laminated sheet

Annexure-A

PARTITIONS

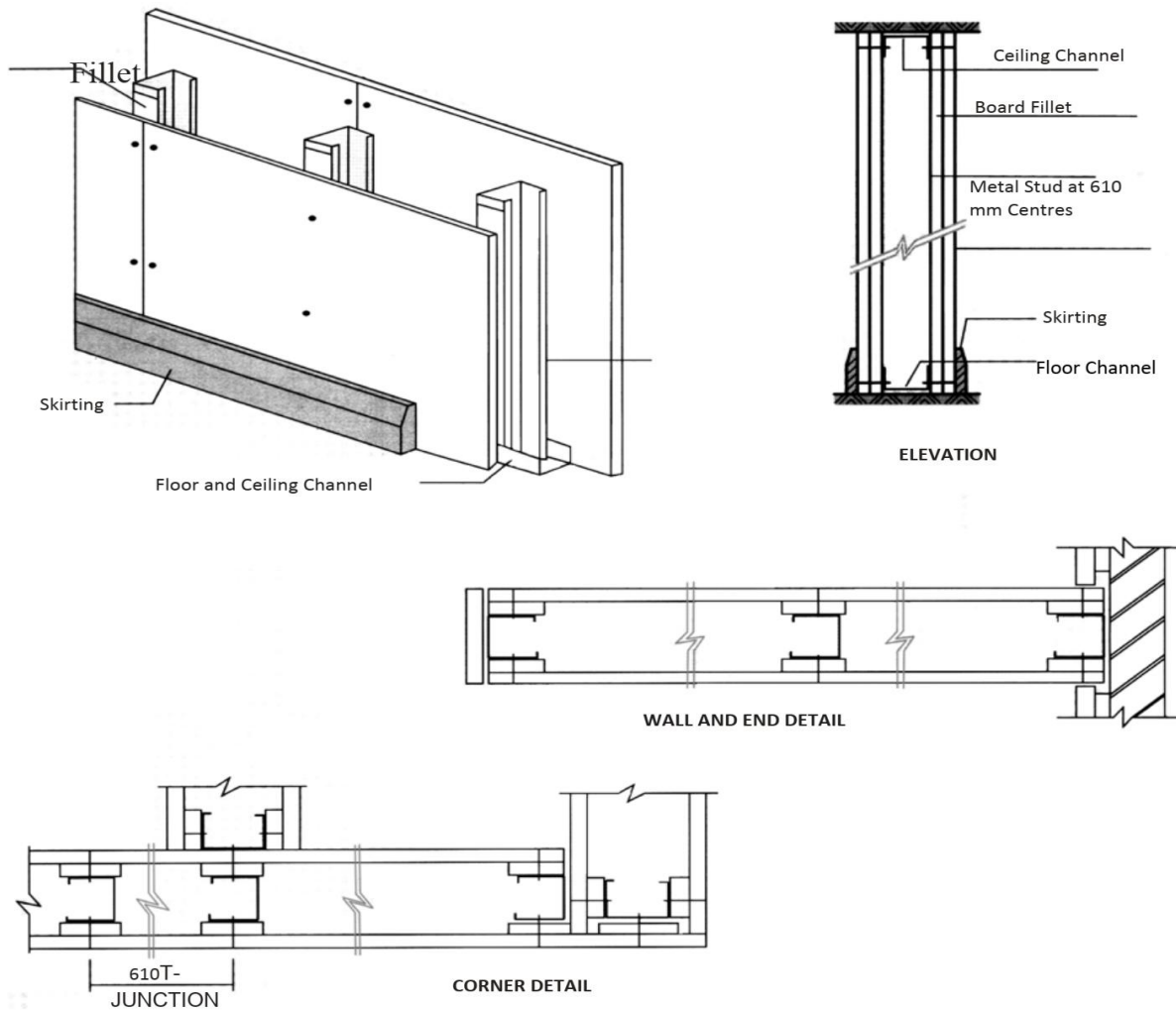


Fig.: Partitions

Bill of Quantity(approx)

S. No.	Description of Item	Quantity(Approx.)	Unit
1	<p>GENERAL : All items of work contracted for shall be executed strictly in accordance with the description of the item in the Bill of Material; specifications read in conjunction with the appropriate Indian Standard specifications and conditions of the contract and established Engineering practice. The repair work shall be done by the contractor in case, any damage is done to the existing structure during the job work”</p>		
1.01	<p>Providing and fixing aluminum work with powder coated aluminum (minimum thickness of polyester powder coating 50 micron ivory color) for partitions in aluminum frame work consisting of floor, ceiling and intermediate Aluminum sections 2½” X 1½” of 14 gauge at the spacing of 610 mm center to center horizontal and vertically with suitable anchor dash fastener fixed flush to walls including Aluminum L Angle, cleats, S.S. Screws etc. and for doors, windows, ventilators and 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. Aluminum sections shall be smooth, rust free, straight, mired and jointed mechanically wherever required including cleat angle, Aluminum snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete including making provision for fixing of fittings wherever required and as per the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately).</p>	100	Kg
1.02	<p>Providing and fixing S.S. dash Fasteners in brick/ RCC wall of appropriate 100mm size (4 nos on each vertical partition member and @ 600mm c/c for flooring member including Cost of dash fasteners etc. complete.</p>	40	Each
1.03	<p>Providing and fixing etching / line design glazing with float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm) in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge (Cost of aluminium snap beading shall be paid in basic item).</p>	3	Sq. M.
1.04	<p>Providing and fixing 12 mm thick pre-laminated particle board with decorative lamination on both sides, flat pressed three layer or graded wood particle board conforming to IS:12823 Grade I Type II, in paneling fixed in aluminum doors, windows shutters and partition frames with C.P. brass/stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.</p>	3	Sq. M
1.05	<p>Providing and fixing Aluminium handle (powder coated) 450 mm long with C.P. brass / stainless steel screws etc. complete for aluminum door.</p>	4	Each
1.06	<p>Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI,</p>	2	Each

S. No.	Description of Item	Quantity(Appox.)	Unit
	IS : 3564,embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000mm), with double speed adjustment with necessary accessories and C.P. brass / stainless steel screws etc. complete for aluminum door.		
1.07	Labor charges for fixing Aluminum door with Aluminum frame of approximate size 3' X 7' in position along with hydraulic door closer including fixing Brass 100mm mortise and cylinder latch and lock with 6 levers, pair of handles including labour charges for opening the Aluminium frame and glass panel, removing old rubber gasket, providing and fixing new EPDM rubber/neoprene gasket for filling up the gaps at junctions, i.e. at top, bottom and both sides with required, providing and fixing necessary C.P. brass / stainless steel screws / dash fasteners of required sizes including minor repairs, making good in all respect, fixing new Aluminum snap beading for glazing / paneling wherever required etc. complete. Note: i) Aluminum door with frame and hydraulic door closer will be supplied free of cost ii) Aluminum snap beading for glazing / paneling shall be paid separately in weight bases under relevant item iii) Providing and fixing new Brass 100mm mortise and cylinder latch and lock with 6 levers if required shall be paid separately as per actual quantity under relevant item iv) Providing and fixing new hinges if required shall be paid separately as per actual quantity under relevant item.	2	Each
1.08	<p>GYPSUM BOARD PARTITIONS</p> <p>Providing and fixing 75mm overall thickness partition with 12.5 mm thick double skin tapered edged plain Gypsum plaster board both faces conforming: to IS 2095: (part 1) : 1996 (Board with BIS certification marks) up to ceiling height consisting of G.I. frame and required board, including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with zinc coating of 120 gms/sqm (both side inclusive), consisting of floor and ceiling channel 50mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm center to center with dash fastener of 12.5 mm diameter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to center by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm center to center, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm center to center. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, Galvanized M.S. fixing channel of 99 mm width(0.9 mm thick having two flanges of 9.5 mm each with zinc coating of 120gms/sqm (both side inclusive)) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush</p>	50	Sq. M

S. No.	Description of Item	Quantity(Appox.)	Unit
	<p>finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x 0.5 mm), joint finisher and two coats of primer suitable for board as per manufacture's specification and direction of engineer in charge all complete.</p> <p>Mode of measurements: -i) The length and height shall be measured correct to a cm. and area shall be calculated in square meters correct to two place of decimal. No deduction will be made for openings of areas upto 0.40 sqm and for openings exceeding 0.40 sqm. in area, deduction in measurements shall be made i.e. for doors and glazed windows etc. as per actual. ii) No extra payment for material or labour involved in forming such openings shall be made.</p>		
1.09	<p>Providing and fixing 12mm thick medium density fiber (MDF) board exterior grade (Grade-I) IS 12406: 2003 marked of approved brand and manufacture, to Aluminium Partition frames in paneling with C.P. brass/stainless steel screws @ 200 mm center to center, edges to be sealed with PVC edge bending tape 2.00 mm thick of approved brand, including providing and fixing wooden beadings at all edges and top, finishing etc. complete all as directed</p>	25	Sq. M
1.10	<p>Providing and fixing 1 mm thick decorative laminates of approved brand and manufacture on both sides mdf partitions walls in required color and shade using approved adhesives using Fevicol HEATX or equivalent, fixed flat and shall have smooth and level surface, pressing hard without any bubbling etc. complete all as directed. (Makes: MARINO, FORMICA, GREENLAM OR DURO, DURIAN AND VENTURA)</p>	25	Sq. M
1.11	<p>Providing and applying acrylic emulsion paint of approved brand and manufacture in two or more coats on new work for Gypsum walls / old Masonry walls including preparing the surfaces, scrapping the masonry walls, applying putty, sand papering etc. to give an even shade.</p>	830	Sq. M
1.12	<p>Labour charges for dismantling laminated gypsum wall/ wooden / glazed partition carefully, disposing of the scrap materials with in a lead of 50M and handing over the serviceable materials etc. complete all as directed.</p>	40	Sq. M
1.13	<p>Providing and fixing 12 mm thick toughened glass door shutter of approved brand and manufacture comprising of double leaf glass door shutters each of approximate size 6'-7½"X3'-0" including providing and fixing teak wood frame of appropriate approved section (as per the measurement/requirement), S.S. Door handles (Four Nos.) of long size from inside and outside, Godrej locks (Two Nos.), S.S. Hinges (Eight Nos.) and aluminum tubular type universal hydraulic door closer heavy quality for each door of approved brand and manufacture, making provision of access control mechanism for both door and the wooden frame by providing and fixing wooden framing on the outer edges of glass doors on three sides (top, bottom and one vertical)) comprising of total 50mm thickness; 150mm wide wooden frame finished smooth with teak veneer, polishing all wood work including</p>	15	Sq. M.

S. No.	Description of Item	Quantity(Appox.)	Unit
	<p>Etching on two glass door (any art like flower etc.) commissioning the system etc. complete all as per sample and as directed</p> <p>Note: The Contractor shall take actual measurement for 12 mm thick toughened glass door shutters for all the four doors and fixed panels as per site requirement including making provision fittings and fixtures, handles etc., before toughening of glass.</p> <p>Mode of Measurements: Net Actual Area of all the glass doors in Sq.M. shall be measured for payment duly certified by C-DAC Representative. The quoted rate shall inclusive all the materials, fittings & fixtures, cartage and labour charges etc. complete.</p> <p>Mode of Measurements: Net Actual Area of all the glass doors in Sq.M. shall be measured for payment duly certified by C-DAC Representative. The quoted rate shall inclusive all the materials, fittings & fixtures, cartage and labour charges etc. complete.</p>		
1.14	<p>Providing and fixing etching / line design glazing With float glass panes of 12 mm thickness above glass door inside wooden frame with EPDM rubber / neoprene gasket etc.(if required)each of approximate size 6 ft x 2 ftcomplete as per the architectural drawings and the directions of engineer-in-charge.</p> <p>Glass must have etching of “Centre of Excellence”and design will be provided to the contract awardees.</p>	5	Sq. M.
2. Electrical Work:			
2.01	<p>Making of dedicated earthing with copper earth plate 600x600x3mm thick, earthing conductor 25x5mm thick copper strip including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 4.2meter long etc. with charcoal/ coke and salt as required.</p> <p>Note:1. “Earth Resistance <1.0 ohm” and Neutral to Earth Voltage of up to 2% (i.e., 0.5V) 2. Cost of digging, refilling of earth and finishing etc. will be included in the scope of work.</p>	04	Each
2.02	<p>Supplying, laying and connecting ofdedicated earthing wire of 1x6 sq.mm FRLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit as required.</p> <p>Note: Cost of thimble, accessories and hardware etc. will be included in the scope of work.</p>	400	Runing Meter
2.03	<p>Supply, installation, testing and Commissioning of Isolation transformer complete with all standard accessories as per relevant standards and specification given below.</p> <ol style="list-style-type: none"> 1. Type - Dry type, Floor mounted, Indoor application 2. type of cooling - Naturally air cooled 3. Type of connection - Delta / star 4. Primary / Secondary voltage - 1:1 5. Regulation - < 3.5% 6. Duty cycle - Continuous 7. Class of insulation - class F 8. Type of lamination - CRGO 	01	Each

S. No.	Description of Item	Quantity(Appox.)	Unit																								
	9. Type of winding - Copper 10. Ambient temperature - 50°C 11. Humidity - > 95% RH 12. DC Galvanic Isolation - > 1000 MΩ 13. Dielectric voltage - 2500V for 2 min 14. Leakage current - < 20 micro amps 15. Coupling capacitance - 0.001PF 16. CMNRR - > 100 dB 17. Degree of protection - IP 31 18. Construction standard - As per IS: 2026 Part I & II 19. Power Factor - 0.75 Lagging to 0.75 Leading 20. KVA rating - 15 KVA Isolation Transformers shall be all complete as per specifications, relevant standards Note: 1. Cost of unloading, shifting and placing etc. will be included in the scope of work. 2. Cost for termination of cable (material &labour) will be included in the scope of work.																										
2.04	Supply and laying of one number dedicated 1.1kV grade, 4 core 10 sq.mm. XLPE insulated, FRLS, Copper conductor, galvanized steel tape armoured power cable as per specifications. The cable shall be laid on wall/ceiling surface as required. The cable shall be clamped at regular intervals to the supports on wall using clamps and fasteners as per technical specifications and relevant standards (For Raw power from ground floor till room no: 228). Note: Cost of accessories like thimble, double compression brass glands, clamps and hardware etc. will be included in the scope of work.	50	Running Meter																								
2.05	ESD Flooring in room No: 226 & 227 with the following specifications: <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Material</td> <td>Conductive vinyl</td> </tr> <tr> <td>Thickness</td> <td>2mm</td> </tr> <tr> <td>Layer</td> <td>3 layered</td> </tr> <tr> <td>Surface</td> <td>Non-shining</td> </tr> <tr> <td>Hardness (ISO 7619)</td> <td>75 ± 5 shore A</td> </tr> <tr> <td>Abrasion Resistance (ISO 4649, method A)</td> <td><+200 mm³</td> </tr> <tr> <td>Cigarette burning resistance (EN1399)</td> <td>No burn</td> </tr> <tr> <td>Chemical resistance (EN423)</td> <td>Resistant to chemical agents normally used for maintenance</td> </tr> <tr> <td>Dimensional Stability (EN424-6h/80°C)</td> <td><= 0.4%</td> </tr> <tr> <td>Surface Resistance Top Layer (EN 100015.1-IEC61340)</td> <td>About 108 ohm</td> </tr> <tr> <td>Surface Resistance Bottom Layer (EN 100015.1-IEC61340)</td> <td>About 105ohm</td> </tr> <tr> <td>Anti static Cotton Apron (Blue color)</td> <td>Size:XL; Qty:10 no.</td> </tr> </table>	Material	Conductive vinyl	Thickness	2mm	Layer	3 layered	Surface	Non-shining	Hardness (ISO 7619)	75 ± 5 shore A	Abrasion Resistance (ISO 4649, method A)	<+200 mm ³	Cigarette burning resistance (EN1399)	No burn	Chemical resistance (EN423)	Resistant to chemical agents normally used for maintenance	Dimensional Stability (EN424-6h/80°C)	<= 0.4%	Surface Resistance Top Layer (EN 100015.1-IEC61340)	About 108 ohm	Surface Resistance Bottom Layer (EN 100015.1-IEC61340)	About 105ohm	Anti static Cotton Apron (Blue color)	Size:XL; Qty:10 no.	85	Sq. M.
Material	Conductive vinyl																										
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Anti static Cotton Apron (Blue color)	Size:XL; Qty:10 no.																										

S. No.	Description of Item	Quantity(Appox.)	Unit
	Wrist band with cord(button)	10 no.	
	ESD Slipper	10 no.	
	Latex Gloves	1 packet	
	ESD Round cap	10	
	Note: ESD Floor should be properly connected to ESD earthing		

4. ELIGIBILITY CRITERIA :

All the required documents mentioned in Annexure A will be submit alongwith technical bids.

5. PREPARATION OF BIDS AND ON-LINE BIDS SUBMISSION

Before submission of the bid, the bidders must verify the eligibility criteria and also ensure fulfilling all the items and conditions. In the absence of scanned uploaded copies of documents/certificates under eligibility criteria above, the bid is liable to be rejected. The bidders are required to submit soft copies of their bids electronically on the CPP Portal (<https://eprocure.gov.in/eprocure/app>), using valid Digital Signature Certificates. More information for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>

- a) Bidders should take into account any corrigendum published on the tender document before submitting their bids.
- b) Bidders should go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of documents have to be submitted including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- c) Bidder, in advance, should get the bid documents ready to be submitted as indicated in the tender document/schedule and they should be in PDF format.
- d) Bidder should log in to the site well in advance for bid submission so that the bid can be uploaded in time i.e. on or before the last date and time for bid submission. Bidder will be responsible for any delay due to any issues.
- e) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bid set. The bidders should follow this time during bid submission.
- f) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- g) Upon the successful and timely submission of bids, the portal will give a successful bid submission message and a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- h) The CPPP portal is maintained by National Informatics Centre (NIC). Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24*7 CPP Portal Helpdesk. The contact number for the helpdesk is 0120- 4200462, 0120-4001002, 0120-4001005, and 0120-6277787. C-DAC shall not be responsible for any technical issues/errors relating to the portal.
- i) The Technical bids must be uploaded on-line (pdf format) and price bid in excel sheet format in through <https://eprocure.gov.in/eprocure/app>, as explained below:

Note

- All the documents must be signed in ink by the authorized signatory of the bidder/digitally signed with the DSC of authorized signatory.
- The bid documents must be properly arranged in sequence.
- C-DAC reserves the right to reject the bid, if any of the above listed documents are not submitted.

REGISTRATION

1. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <http://eprocure.gov.in/eprocure/app>) by clicking on the link – Click here to Enroll. Enrolment on the CPP Portal is free of charge.
2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify/TCS/nCode/eMudhra etc.), with their profile.
5. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC to others which may lead to misuse.
6. Bidder then logs into the site through the secured log-in by entering their user ID/ password and the password of the DSC /Token.
7. The CPP Portal also has a user manual with detailed guidelines on enrolment and participation in the online bidding process. Any queries related to process of online bids or queries related to CPP Portal may be directed to the 24x7 CPP Portal Helpdesk

6. PARTNO.1(TECHNICALBID)

Technical Bid uploaded shall contain the documents mentioned in the Eligibility Criteria Section as per the details given below:

Annexure		
S.No	DocumentsType	Format
1	ChecklistalongwithEligibility Criteria documentsasperAnnexure A	Annexure-A
2	BidSecuringDeclarationLetter	Annexure-B
3	PublicProcurement(PreferencetoMakeinIndia)Order2017-LocalContentDeclaration	Annexure-C
4	Non-BlacklistingDeclarationLetter	Annexure-D
5	Generalparticularsofthebidder	Annexure-E
6	TenderAcceptanceletter	Annexure-F
7	Pre-bidInspectionreport	Annexure-G
8	Share a Land Boarder with India	Annexure-H

- i) Anyotherrelevantinformationanddocumentspertainingtothesubjecttenderscopeof work can beuploaded.
- ii) Anydeviationinacceptanceofthegeneraltermsandconditionmayleadtotherejectionofthebid.

ImportantNote:

- a) **Ifthebidisincompleteand/ornon-responsiveitwillberejectedduringtechnicalevaluation.Sobiddersarerequestedtoensurethattheyprovideallnecessarilysubmittedbids.**
- b) **IfanypricedetailsarefoundintheTechnicalBid,theofferwillbesummarilyrejected.**

7. PART-II(PRICEBID):

- i. **Thepricebid(BOQ)inexcelsheetformatshallbeuploadedonlineonly.PRICEBIDSHOULDNOTBESUBMITTEDINASEALEVELOPE.**
- ii. ThePRICEPARTshallcontainonlyscheduleofratesdulyfilledin.Nostipulation,deviation, terms & conditions, presumptions etc. is permissible in price part of the bid.CDAC shall not take any cognizance of any such conditions and mayatits discretion rejectsuchpricebid.
- iii. PricesshouldbegiveninINRinfiguresonly.
- iv. BiddersareadvisedtofilltheBOQfileasperfollowinginstructions:
 - a) ThebidderhastodownloadtheBOQfilealongwith tender documents andsubsequentcorrigendum, ifany.
 - b) BiddertonotethatthereareGREYcells in BOQ file, which should not bemodified by the bidder. Bidders are advised to fill the GREY cells meant for the ratesandGSTamount.Whicharetobeenteredbythebidder.
 - c) BiddersareadvisedstrictlynottoalterorchangetheBOQformat/contents.BiddersarealsoadvisednottopasteanyimagefilewithBOQ.
 - d) The bidder shall submit the tender online on e-tendering site eprocure.gov.in on orbefore the due date & time of bid submission. Tender submitted by any other form(fax/email/courier/post/hardcopy)willnotbeaccepted.
 - e) Priceofferedbythebiddershallnot appear anywhere in any manner in

the technical bid.

- f) The bidders should quote GST amount in the price bid BOQ without fail and in case the GST amount is Nil the same need to be also mentioned. In case GST amount is not filled in the price bid BOQ, then the rate quoted shall be considered inclusive of GST and payment also accordingly settled

(C) Opening of Technical & Price Bid

Only the technical bids will be opened on scheduled date & time and the Price bids of short-listed/technically qualified bids would be opened on a later date & time under intimation to all successful bidders. No bidder is required to be present in CDAC office for any e-Tender opening process. Bidders can view the status & tender opening statement by logging on the e-procurement site of NIC.

Note: Bids complete in all respects should be uploaded at the given site above by the due date and time of bid submission.

8. INSTRUCTIONSTOBIDDERS(GENERAL)

Terms&Condition:

1. **Offer Validity:** Offers should be valid for minimum One Hundred Twenty (120) Days from the specified date of closing of bid. A bid, valid for a shorter period, is liable to be rejected. C-DAC, Noida may ask the bidder to extend the period of validity, if required.
2. **Price:** Price should be F.O.R. C-DAC, Noida valid for 120 days from the date of opening of the Bid. The rates should be quoted in Indian Rupees, IN FIGURES only. All the quoted prices shall be fixed and shall not be subject to escalation of any description during the bid validity period.
3. **TAX:** Govt. Levies like GST shall be paid at actual rates applicable on the date of submission of Bid. Rates should be quoted accordingly giving the basic price, GST.
4. **Work Completion Period:** Four Months from the date of issue of Purchase Order.
5. Evaluation of Bids- Bidder has to meet all eligibility criteria of BID. The bidder has to comply all required technical parameter. Bidder must quote for all products/services as per bid. The bids shall be evaluated on the basis of eligibility criteria given in the tender. The financial bid of the Bidders qualified in the Technical Bid shall be opened. The decision of the CDAC in this regard shall be final & binding on the bidders.
6. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any
7. E-tender bidders are requested to note that all communication will be made through procurement portal only. CDAC reserve the right not to take cognizance of the communication made outside procurement portal.
8. Contractor/Bidders are requested to quote all the cost inclusive of Taxes (Basic price + GST) per BOQ in the schedule of rate, required to complete the work in totality.
9. The Contractor /Bidders are advised to acquaint themselves fully with the location of the building/space and terms & conditions including all the provisions of the Tender Document before submission of their bid.
10. CDAC, however, reserves the right to terminate/curtail/cancel the contract at any time after serving notice of one week to the agency/bidder owing to deficiency of services, substandard quality of stores, breach of contract, etc. In such case successful Contractor/Bidder will not be admissible for any kind of compensation.
11. The selected Contractor/Bidder shall undertake to abide sincerely by all rules, regulations and laws of land for their responsibilities to run the services and shall agree to keep itself liable and responsible for any such violation directly or indirectly related to their responsibilities for the contract.
12. CDAC reserves the right to modify/relax any of the terms & conditions of the tender. CDAC also reserves the right to reject any or all of the bids or accept them in part or to reject lowest bid.
13. The successful agency/Contractor/Bidders shall not be allowed to transfer, assign, pledge or subcontract its right and liabilities under the contract to any other agency.
14. The Contractor/Bidder will be bound by the details furnished by him/her/them to CDAC while submitting the tender/bid or at subsequent stage. In case, any of such documents furnished by the

Contractor/Bidder or successful Contractor/Bidder found to be false at any stage, it would be deemed to be a breach of terms of contract making him/her/them liable for legal action besides termination of the contract.

15. The successful Contractor/Bidders shall attend all complaints and resolve the same in a timely manner.
16. The successful Bidders shall take all precautionary measures in order to ensure the safety of their staff/service engineers working at CDAC while executing the work.
17. **Security Deposit:** The successful bidder needs to submit 3% of total order value in the form of online payment RTGS/NEFT or DD or BG obtained from Nationalized Bank with 15 months validity towards Performance of work/supply/service order. BG may be extended as per project requirement. The Security Deposit to be submitted within 7 working days from the date of placing order. In case of any default (or) deviation in the agreed terms & condition (or) service mishaps (or) security breach activities, the work orders shall be cancelled with immediate effect including forfeiture of BG and taking appropriate legal actions as deemed fit.

The Security Deposit shall be released after the completion of the work pursuant to this contract based on the "Completion Certificate" issued by CDAC Noida stating that the Bidder has completed the work in all respects, satisfactorily. The Security Deposit, however, shall be released only after the expiry of the contract period and after clearance of the final bill based on "No Claim Certificate" to CDAC Noida. No advance payment shall be made.

18. **Terms of Payment:** The minimum value of running bills shall not be less than Rs.5.0 Lacs based on actual site measurements duly certified by the authorized representative of CDAC and payment of R.A. bills shall be released after duly checking by Finance and approval of competent authority. **Final Bill Payment:** The final bill @ 100% (including all R.A. Bills) of invoice value after satisfactory completion of work duly certified by C-DAC's authorized representative. GST amount to be paid after shown on GST Portal in GSTR2A. **Considering the nature of work involved in this tender, the contract value may vary upto +/- 20% based on the actual site conditions, measurements and requirement. The final bill amount may decrease or increase and will be settled, accordingly.**
19. **Defect liability period:** Defect liability period for materials supplied against design, Manufacturing or workmanship defects shall be 12 months from the date of commissioning. All the items covered in the schedule of work, shall carry one year on-site warranty including labour, maintenance etc. commencing from the date of completion of entire job by submitting a Work Completion Report and accepted by CDAC. During this Defect Liability period One Year, repairing/rectifications of any defect should be rectified free of cost at site.
20. **After Sales Service:** Within defect liability period, vendor shall render service for the items supplied.
21. **Responsibility of stock of all supplied items by the contractor:** The contractor will be responsible for proper maintenance and safety of all material lying in CDAC Noida premises.
22. **Consumables:** Supply of all consumables is within the scope of work.
23. **Tools & tackles:** All tools and tackles including cranes shall be arranged by the vendor.
24. **Freight:** Inclusive.
25. **Liquidated Damage:** Penalty shall be charged @ 0.5% of the total value per week shall be levied subject to a maximum of 10% of the balance order value in case of delay beyond the stipulated date.
26. Sample material shall be got approved before supply.

27. Shifting of the material on the proposed location is included in the scope of work.
28. C-DAC, Noida reserves the right to accept / reject the offer or cancel the whole tender proceedings without assigning any reason whatsoever. Late / Delayed offers shall not be accepted under any circumstances. Incomplete offers will be rejected. In case the specified date for the submission of offers being a holiday or declared holiday for C-DAC, the bid-closing deadline shall stand extended to the next working day up to the same time.
29. CDAC shall not be responsible for delayed submission or non-submission of bid due to any reason whatsoever. The bidders are requested to submit the bid online much before date & time of submission, failing which CDAC shall not be responsible for any such technical problem.
30. **E-tender bidders are requested to note that all communication will be made through procurement portal only. CDAC reserves the right not to take cognizance of the communication made outside procurement portal.**
31. Any attempt of direct or indirect negotiations on the part of the bidder with the authority to whom the bid has been submitted or authority who is competent to finally accept / reject the same after the bid been submitted or any endeavor to secure any interest for an actual or prospective bidder or to influence by any means the acceptance of a particular tender will render the tender liable to be rejected.
32. **Unsatisfactory Performance:** The Parties herein agree that C-DAC, Noida shall have the sole and discretionary right to assess the performance(s) of the Bidder component(s), either primary and or final, and C-DAC, Noida, without any liability whatsoever, either direct or indirect, may reject the system(s) component(s) provided by the Bidder, in part or in its entirety, without any explanation to the Bidder, either during the pre and or post test period should the same be unsatisfactory and not to the acceptance of C-DAC, Noida. The Bidder covenants to be bound by the decision of C-DAC, Noida without any demur in such an eventuality.
33. In case of the successful bidder fails to perform the order necessary action will be taken.
34. Contractor is fully responsible for all safety measures from the day on till completion of work and follow all the statutory compliance in r/o PF, ESI, Compensation if any during work as per provision of labour laws.
35. Responsibility of stock of all supplied item by the contractor. The contractor will be responsible for proper maintenance and safety of all furniture and fixture, materially in CDAC Noida premises.
36. **Disclaimer:** This Tender / Request for Proposal (RFP) is not an offer by C-DAC, Noida, but an invitation for bidder's response. No contractual obligation whatsoever shall arise from the RFP process.
37. **FALL CLAUSE:**
The Service Charges shall in no event exceed the lowest charges at which the party service machines of identical description to any other party during the period of this contract. If at any time, during the said period, the Maintenance Agency reduce the service charges of such system to any other customer, it shall be forthwith notified to C-DAC and the charges payable under the contract for the servicing done after the date of coming into force of such reduction of servicing charges shall stand correspondingly reduced.
38. **DISPUTE & ARBITRATION:**

If at any time, dispute or difference whatsoever arises between the Parties out of or relating to the construction, meaning, scope, operation or effect of this contract or the validity or breach thereof including the interpretation of its clauses or any other matter arising out of the

contract between the Parties, the same shall be resolved/ settled amicably. In case both the parties are unable to resolve the dispute amicably, it shall be then referred to the Sole arbitrator appointed by **C-DAC only**. And the arbitral proceedings shall be conducted strictly in accordance with the Arbitration and conciliation Act 1996, as amended up-to-date (including the statutory modifications thereof).

The venue and seat for the arbitration shall be Noida/New Delhi, India and language shall be English. The cost of Arbitration shall be shared equally by both the parties and the decision/interim orders passed by Sole Arbitrator shall be shared equally by both the parties and the decision /interim orders passed by the Sole Arbitrator. The Award given by the Arbitrator shall be final and binding on the Parties.

The rights and obligation of the parties shall remain in full force and effect, pending the result of any arbitration proceedings.

39. CANCELLATION OF CONTRACT:

C-DAC reserves the right to accept or reject the tender in full or in part at its Sole discretion without assigning any reason whatsoever.

40. FORCE MAJEURE:

Should any of the force majeure circumstances, namely act of God, natural calamity, fire, Government of India Policy, restrictions, strikes or lock-outs by workmen, war, military operations of any nature and blockades preventing the C-DAC/Successful Bidder from wholly or partially carrying out his contractual obligations, the period stipulated for the performance of the Contract shall be extended for as long as these circumstances prevail.

In the event of these circumstances continuing for more than three months, either party shall have the right to refuse to fulfill its contractual obligations without title to indemnification of any losses it may thereby sustain. The party unable to carry out its contractual obligations shall immediately advise the other party of the commencement and the termination of the circumstances preventing the performance of the contract. A certificate issued by the respective Chamber of Commerce shall be sufficient proof of the existence and duration of such circumstances.

41. NO CONTRACTUAL OBLIGATION:

C-DAC is not bound contractually or in any other way to any prospective buyers to this tender. C-DAC is not liable for any costs of compensation in relation to expenditure incurred by the prospective buyer to this tender on whatsoever reasons/grounds whether or not C-DAC Terminates, varies, or suspends the tendering process or takes any other action permitted under this tender provision during the course of execution.

42. CONFIDENTIALITY

This Tender's provisions and existence, as well as any commercial data including price or technical data and any information provided in accordance herewith to the other party shall be considered as confidential. Such information shall not be disclosed to any third party unless required by any applicable law or authorized in writing by the other party. All such information shall be used by the other party only for the purposes of performance of this Tender. The restrictions here-in-above shall not apply to any information generally available to the public or received in good faith from a third party without restriction. The parties hereto agree to keep as confidential all documentation furnished or received by either party at any time in connection with this Tender. This provision, as far as practicable, shall apply to all the concerned officials of either party. Confidentiality will be maintained during existence of this Tender and even on termination/expiry.

43. INDEMNIFICATION:

The successful bidder shall fully indemnify, hold harmless and defend C-DAC and its officers etc., from and against all claims, liabilities, suits, damages including any criminal liability due to false declaration by the successful bidder with regard to the subject tender transaction etc., caused due to negligence/commission/omission of the Successful bidder or its agents and representatives or sub-contractors or any other person claiming or any other person claiming under this tender or under the applicable laws of India.

44. NON-DISCLOSURE OF INFORMATION

The bidder shall not communicate or use in advertising, publicity, sales releases or in any other medium any information/materials like description of the site, dimensions, photographs or any other information concerning the work under this contract which may come to its possession, without the prior written permission of the CDAC.

45. INDEMNIFICATION AGAINST INFRINGEMENT OF INTELLECTUAL PROPERTY RIGHTS (IPR) ETC.

The successful bidder/contractor shall indemnify, protect and save C-DAC against all claims, losses, costs, damages, expenses, action, suits and other proceeding, resulting from/arising out of:

- (a) Infringement of any law pertaining to intellectual property, patent, trademarks, copyright etc. by the bidder or
- (b) Such other statutory infringements in respect of all the equipments supplied by successful bidder, or
- (c) Caused due to any act/omission/performance/under or non or part performance/failure of the bidder.

46. JURISDICTION

The jurisdiction for the purpose of settlement of any dispute or difference whatsoever in respect of or relating to or arising out of or in any way touching this contract or the terms and conditions thereof the contraction/interpretation shall be that of the appropriate court in Gautam Budh Nagar U.P.

47. DECLARATION:

The bidder would be required to give a certificate as below in his commercial bid.

“I/WE UNDERSTAND THAT THE QUANTITY PROVIDED ABOVE IS SUBJECT TO CHANGE. I/WE AGREE THAT IN CASE OF ANY CHANGE IN THE QUANTITIES REQUIRED, I/WE WOULD BE SUPPLYING THE SAME AT THE RATES AS SPECIFIED IN THIS PRICE BID. I/WE AGREE TO ADHERE TO THE PRICES GIVEN ABOVE EVEN IF THE QUANTITIES UNDERGO CHANGE”.

SIGNATURE OF THE BIDDER WITH STAMP

CHECKLIST/ELIGIBILITY
CRITERIA OF DOCUMENTS SUBMITTED TO BE UPLOADED
ALONG WITH TECHNICAL BID

S. No	Qualifying Criteria	Mandatory Documentary Proof to be uploaded	Documents Enclosed Yes/No
1.	The bidding firm/entity should be registered legally under the rules & regulations issued by Government of India. The bidding firm/entity should be in existence in the relevant field minimum for the last 3 years (2018-19, 2019-20 & 2020-21).	Copy of valid Registration Certificate/Partnership Deed etc.	
2.	Bid Securing Declaration Letter	As per Annexure-B	
3.	MSME certificate for claiming relaxation on Turnover & Previous Experience- (This relaxation will be applicable only for the manufacturers / system integrators and not for the traders)	Valid MSME certificate	
4.	Average Annual turnover for last three financial years ending as on 31st March '2021 not less than Rs. 5 Lakh (2018-19, 2019-20 & 2020-21). Note: For MSME bidders the turnover will be considered as 50% i.e. Rs. 2.5 Lakhs	1. CA certificate. 2. Audited Accounts / balance sheet along with Profit & Loss account and Income Tax Return for three financial years ending 31st March 2021.	
5.	Previous Work Experience: Experience of having successfully completed similar work with		

	<p>Government and Private firms during the last 3 years (From 2018-2019, 2019-2020, 2020-21 and including current year) as prescribed below</p> <p>1. Three Similar works costing not less than the amount equal to Rs. 4 Lakhs</p> <p style="text-align: center;">OR</p> <p>2. Two similar work costing not less than the amount equal to Rs. 5 Lakhs</p> <p style="text-align: center;">OR</p> <p>3. One similar work costing not less than the amount equal to 8 Lakhs</p> <p>Note: In case of MSME/Startup firms, the bidder needs to have at least one similar work order duly executed equal to Rs. 5 Lakhs</p>	<p>Copy of work orders / client certificates for completion of projects/ invoices etc.</p>	
6.	Public Procurement (Preferenceto Make in India) Order 2017- Local Content Declaration	Annexure-C	
7.	Tender Acceptance Letter	Annexure-F	
8.	<p>Bidder should: - a) not be insolvent, in receivership, bankrupt or being wound up, not have its affairs administered by a court or a judicial officer, not have its business activities suspended and must not be the subject of legal proceedings for any of the foregoing reasons; b) not have, and their directors and officers not have, been convicted of any criminal offence related to their professional</p>	<p>A Self Declaration letter as per Annexure-D.</p>	

	<p>conductor themakingoffalsestatement sormisrepresentationsastotheirqualifi cationstoenterintoaprocurement contract within a period ofthreeyearsprecedingthecomme mentoftheprocurementprocess,ornoth avebeenotherwisedisqualifiedpursuan ttodebarmentproceedings;c)nothavea conflictinterest in the procurement in question asspecifiedinthebiddingdocument.d)c omplywiththecodeofintegrityasspecif iedinthebiddingdocument.f)should not have been blacklisted by orentangled in legal disputes with CentralGovernment(or)anyStateGove rment(or) any other Public sector undertaking(or)aCorporation(or)anyo therAutonomousorganizationofCentr al (or) State Government as on Bid submission date</p>		
09.	Generalparticularsofthebidder	Annexure-E	
10.	Pre – Bid Inspection Report	Annexure -G	
11.	Restrictions on procurement from a bidder of a countries which shares a land border with India	Annexure - H	

BID SECURING DECLARATION

TO

Centre for Development of Advanced Computing
Anusandhan Bhawan,
C-56/1 Institutional Area,
Sector-62, Noida-201309 (U.P.)

SUBJECT: BID SECURING DECLARATION: “STRUCTURAL AND ELECTRICAL REQUIREMENTS FOR COE LAB SETUP UNDER THE PROJECT ENTITLED “ESTABLISHMENT OF CENTRE FOR EXCELLENCE (COE) FOR PRODUCTS BASED ON LI-ION CELLS (POST-CELL)” AT CDAC, ACADEMIC BLOCK, B-30, SECTOR 62, NOIDA - 201309 (U.P.)”

Tender Reference No. 11(5)/2022-MMG

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

I/We accept that I/We may be disqualified from bidding for any contract with you from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or refuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

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

Signed: (insert signature of person whose name and capacity are shown) in the capacity of (insert legal capacity of person signing the Bid Securing Declaration)

Name: (insert complete name of person signing the Bid Securing Declaration) duly authorized to sign the bid for an on behalf of (insert complete name of Bidder)

Dated on _____ day of

_____ (insert date of signing) Corporate Seal (where appropriate)

(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid)

LOCALCONTENTDECLARATION

To
Centre for Development of Advanced Computing
Anusandhan Bhawan,
C-56/1 Institutional Area,
Sector-62, Noida-201309 (U.P.)

SUBJECT: LOCALCONTENTDECLARATION-“STRUCTURAL AND ELECTRICAL REQUIREMENTS FOR COE LAB SETUP UNDER THE PROJECT ENTITLED “ESTABLISHMENT OF CENTRE FOR EXCELLENCE (COE) FOR PRODUCTS BASED ON LI-ION CELLS (POST-CELL)” AT CDAC, ACADEMIC BLOCK, B-30, SECTOR 62, NOIDA - 201309 (U.P.)

Tender Reference No.11(5)/2022-MMG

I _____ S/o, D/o, W/o _____, Resident of _____ do hereby solemnly affirm and declare as under that:

1. I will agree to abide by the terms and conditions of subject tender terms & conditions issued by CDAC.
2. The information furnished herein after is correct to best of my knowledge and belief and I undertake to produce relevant records on demand by C-DAC for the purpose of verifying the Local Content (LC).
3. The LC for all inputs which constitute the said Goods /Services/Works has been verified by me and I am responsible for the correctness of the claims made herewith against the subject tender participation.
4. In the event of the LC of the Goods/Services/Works mentioned herein is found to be incorrect and not meeting the prescribed LC norms, based on the verification by C-DAC (or) appropriate authority, I/my firm will be liable as under clause 9(f) of Public Procurement (Preferenceto Make in India) Order 2017.
5. I agree to maintain all information regarding my claim for LC in the Company's record for a period of 2 years and shall make this available for verification to any statutory authorities.

The details of LC claim:

- a) Goods/Services/Works for which the certificate is produced:
- b) Percentage of LC claimed %
- b) Type of Supplier (Class-I/Class-II):
- c) Name and contact details of the unit of the manufacturer/Service Station:

For and on behalf of _____ (Name of
firm/entity) Authorized signatory (To be duly authorized by the Board of Directors)

NON-BLACKLISTING/DEBARRING LETTER
(To be given in Company Letter Head)

To
Centre for Development of Advanced Computing
Anusandhan Bhawan,
C-56/1 Institutional Area,
Sector-62, Noida-201309 (U.P.)

SUBJECT: NON-BLACK LISTING/DEBARRING LETTER- “STRUCTURAL AND ELECTRICAL REQUIREMENTS FOR COE LAB SETUP UNDER THE PROJECT ENTITLED “ESTABLISHMENT OF CENTRE FOR EXCELLENCE (COE) FOR PRODUCTS BASED ON LI-ION CELLS (POST-CELL)” AT CDAC, ACADEMIC BLOCK, B-30, SECTOR 62, NOIDA - 201309 (U.P.)”

Tender Reference No. 11(5)/2022-MMG

I/we hereby certify that the above firm namely _____ is
neither blacklisted/debarred by any Central/State Government/Public Undertaking/Institute nor any criminal case registered/pending against the firm or its owner/partners anywhere in India (or) against any of its branches (or) partners abroad. I also certify that the above information is true and correct in any every respect and in any case at a later date it is found that any details provided above are incorrect, any contract given to the above firm may be summarily terminated and the firm blacklisted.

Yours faithfully,

Authorized Signatory.
(Signature of the Bidder, with official Seal) Email Id for correspondence.

ANNEXURE-E

GENERAL PARTICULARS OF BIDDER

Sl. No.	Particulars	To be filled in by the Bidder
1	Name of the Bidding Agency	
2	Date of establishment of the Agency (Attach a copy of Registration certificate)	
3	Address of the Agency in Delhi/NCR with office telephone number:	
4	PAN/TAN Number:	
5	GST Registration No:	
6	Authorized person for Contact: Name: Mobile number: Email Id:	
7	Company(Brochure /Business Profile attached Yes/No)	

Seal of the Bidder

**Signature:
(Authorized signatory of the Bidder)**

TENDER ACCEPTANCE LETTER
(To be given in Company Letter Head)

To
Centre for Development of Advanced Computing
Anusandhan Bhawan,
C-56/1 Institutional Area,
Sector-62, Noida-201309 (U.P.)

SUBJECT: ACCEPTANCE OF TERMS & CONDITIONS - “STRUCTURAL AND ELECTRICAL REQUIREMENTS FOR COE LAB SETUP UNDER THE PROJECT ENTITLED “ESTABLISHMENT OF CENTRE FOR EXCELLENCE (COE) FOR PRODUCTS BASED ON LI-ION CELLS (POST-CELL)” AT CDAC, ACADEMIC BLOCK, B-30, SECTOR 62, NOIDA - 201309 (U.P.)”

Tender Reference No: 11(5)/2022-MMG

1. I/We have downloaded/obtained the tender document(s) for the above mentioned Tender/Work from the website(s) namely: www.cdac.in/www.eprocure.gov.in etc; as per your NIT/ advertisement, given in the above-mentioned website(s).
2. I / We hereby certify that I / We have read the entire terms and conditions of the tender documents from **Page No.1 to 34** (including all documents like annexure(s), schedules (s), etc.), which form part of the contract agreement and I/we shall abide hereby by the terms/conditions/clauses contained therein.
3. The corrigendum(s) issued from time to time by your department / organization too has also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s)/corrigendum(s) in its totality/ entirety.
5. I /We do hereby declare that our firm has not been blacklisted / debarred by any Govt. Department/Public sector undertaking.
6. I /We certify that all information furnished by 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 therefor summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the fully said earnest money deposit absolutely.

Yours faithfully,

Authorized Signatory.
(Signature of the Bidder, with official Seal) Email Id for correspondence.

PRE-BID INSPECTION REPORT

To
Centre for Development of Advanced Computing
Anusandhan Bhawan,
C-56/1 Institutional Area,
Sector-62, Noida-201309 (U.P.)

SUBJECT: PRE-BID INSPECTION REPORT-“STRUCTURAL AND ELECTRICAL REQUIREMENTS FOR COE LAB SETUP UNDER THE PROJECT ENTITLED “ESTABLISHMENT OF CENTRE FOR EXCELLENCE (COE) FOR PRODUCTS BASED ON LI-ION CELLS (POST-CELL)” AT CDAC, ACADEMIC BLOCK, B-30, SECTOR 62, NOIDA - 201309 (U.P.)”

Tender Reference No: 11(5)/2022-MMG

I/we am/are willing to participate in the subject and accordingly on(Date), we have visited C-DAC and the inspected for the work of “**STRUCTURAL AND ELECTRICAL REQUIREMENTS FOR COE LAB SETUP UNDER THE PROJECT ENTITLED “ESTABLISHMENT OF CENTRE FOR EXCELLENCE (COE) FOR PRODUCTS BASED ON LI-ION CELLS (POST-CELL)” AT CDAC, ACADEMIC BLOCK, B-30, SECTOR 62, NOIDA - 201309 (U.P.)**” as mentioned in the Tender Ref. No: **11(5)/2022-MMG**. Further, we have done pre-bid inspection of all sites and completely satisfied ourselves before bidding.

Name of the representative participated in Inspection meeting:
Designation:
Company/Firm Name:
Mobile Number:
E-mail id:
Signature:

Certified by C-DAC Official

The above person has visited and inspected the above site on dt And completed the pre-bid Inspection.

Name of the Official:
Sign & Stamp Dated:

Signature of Authorized Signatory With stamp (Name of the person)

Note : Those who have already done pre-bid inspection during earlier tender can submit the same form and no need for second time inspection.

DECLARATION-LAND BORDER SHARING

To
Centre for Development of Advanced Computing
AnusandhanBhawan, C-56/1
Institutional Area, Sector-62,
Noida-201309 (U.P.)

**SUBJECT: DECLARATION-OM.NO.6/18/2019-PPD DATED 23.07.2020 OF PUBLIC
PROCUREMENTDIVISION, DEPARTMENT OF EXPENDITURE, MINISTRY OF FINANCE FOR
RESTRICTIONON PROCUREMENT FROM A BIDDER OF COUNTRIES WHICH SHARES A LAND
BORDER WITH INDIA**

Tender Reference No. 11(5)/2022-MMG

I have read the subject clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that our firm is not from such a country or, / if from such a county, that has been registered with the Competent Authority (copy of the Registration Certificate enclosed) .

Yours faithfully,

**Authorized Signatory.
(Signature of the Bidder, with official Seal)
Email Id for correspondence.**

JM - Dismantling C - Construction
 RC - Reconstruction DD - Double Door
 WD - Normal Door

Annexure: 3 - Lab layout sheet

