



**Tender No. 9(5)/2022-MMG**

**REPAIRS AND STRENGTHENING OF EXTERNAL  
STONE CLADDING INCLUDING EXTERNAL  
PLASTERING AND FIXING OF S.S. FRAME ANCHORS  
FOR ANUSANDHAN BHAWAN C-DAC AT PLOT NO.  
C-56/1, SECTOR 62, NOIDA - 201309 (U.P.)**

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

## CONTENTS

1.	NOTICE INVITINGE-TENDER (NIT) .....	3
2.	IMPORTANT TENDER DETAILS .....	4
3.	SCOPE OF WORK ,TECHNICAL SPECIFICATION & BOQ .....	5-9
4.	PREPARATION OF BIDS AND ON-LINE BID 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-BLACKLISTING LETTER .....	24
12.	ANNEXURE E–GENDERAL 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

**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 **“REPAIRS AND STRENGTHENING OF EXTERNAL STONE CLADDING INCLUDING EXTERNAL PLASTERING AND FIXING OF S.S. FRAME ANCHORS FOR ANUSANDHAN BHAWAN C-DAC AT PLOT NO. C-56/1, 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/app> or <https://www.cdac.in>.

GC (MMG)

Ph: 0120-2210823/824

## 2. IMPORTANT TENDER DETAILS

Date of commencement of downloading Tender document	<b>06.06.2022</b>
Date & time of Pre-Bid Meeting- Through online VC	<b>10.06.2022</b> at 11:00 HRS based on e-mail enquiries
Bid Securing Declaration letter in lieu of EMD- In reference to with GFR-Clause 170 (iii).	Bid Securing Declaration letter to be submitted by the bidder as per <b>Annexure-B</b> .
<b>Public Procurement (Preference to Make in India) Order 2017:</b>	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 <b>Annexure-C</b> and submit the same with the Technical Bid.
<b>Restrictions on procurement from a bidder of a countries which shares a land border with India:</b>	In line with OM.NO.6/18/2019-PPD dated 23.07.2020 OF PUBLIC PROCUREMENT DIVISION,DEPARTMENTOF EXPENDITURE, MINISTRY OF FINANCE for RESTRICTION ON PROCUREMENT from a bidder of COUNTRIES WHICH SHARES A LAND BORDER WITH INDIA, necessary declaration needs to be provided by the bidders as <b>Annexure-D</b>
Last date and time for online Tender submission	<b>27.06.2022</b> 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 <b><u>www.eprocure.gov.in</u></b>
Opening of Technical Bids	Technical Bids shall be opened through online on <b>28.06.2022</b> at 15:00 HRS
Date & Time for opening of Financial Bid	Shall be conveyed separately.
Validity of Bid	<b>120 days</b> 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- <b><u>hadmmg-noida@cdac.in</u></b>

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

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

#### **A. SCOPE WORK**

1. The scope of work includes Dismantling of entire Dholpur stone claddings above 1st floor window sill level but retaining inner faces of wall openings like windows / louvers in Chima pink granite stone
2. Carrying out water proof cement plastering for the external wall surfaces and parapet walls after erecting tubular scaffolding on external facades.
3. The stone cladding below 1st floor window sill level shall be retained and repaired including p/f S.S. Frame Anchors.
4. In order to maintain the original look, the external plastered wall surfaces shall be finished with texture paint of matching stone shade.
5. During dismantling operations of stone cladding from the wall surfaces all precautions shall be taken for controlling dust and disturbances.
6. Labors working on the scaffolding should be provided with safety belts, helmets and they should wear the same while working.
7. Suitable nylon of adequate strength nylon net around the working area of the building including curtain covering shall be fixed to catch any falling objects.
8. Providing two open-able ventilators with top hung and shutter in aluminum framework in the existing structural glazing at second floor including cutting / dismantling structural glazing glass at required locations with leak proof and water tight joints.

**B. Technical specification** of Stone Cladding is given at **Annexure - H**.

**C. BILL OF QUANTITIES (APPROX.)**

S. No.	Description of Item	Unit	Quantity (approx.)
<b><u>Schedule of Quantities for Repairs and strengthening works</u></b>			
1.	<p>Providing and fixing double scaffolding system (cup lock type) on the exterior side of G + 6/ G + 4 storied building/structure up to 30 meter height above ground level, including additional rows of scaffolding in stepped manner as per requirement of site, made with 40mm diameter M.S. tube, placed 1.5 meter centre to centre, horizontal &amp; vertical tubes joint with cup &amp; lock system with M.S. Tubes, M.S. tube challis, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration for execution of work of cleaning and/ or pointing and/ or applying chemical and removing it thereafter. The scaffolding system shall be stiffened with bracings, runners, connecting with the building etc, wherever required, if feasible, for inspection of work at required locations with essential safety features for the workmen etc., complete as per directions and approval of Engineer-in- charge. The elevation area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding.</p> <p><b>Note:-</b></p> <ol style="list-style-type: none"> <li>1. This item to be used for maintenance work judicially, necessary deduction for scaffolding in the existing item to be done.</li> <li>2. The staging area of additional Tubular Frames for supporting double scaffolding system, if required shall not be measured for payment purpose.</li> <li>3. Labors working on the scaffolding should be provided with safety belts, helmets and they should wear the same while working.</li> <li>4. Suitable nylon of adequate strength nylon net around the working area of the building including curtain covering shall be fixed to catch any falling objects.</li> <li>5. Scaffolding shall be measured once only and the same shall be maintained till the work is completed.</li> <li>6. The building is up to G + 6 storied and hence the contractor has to observe all safety procedure while working on heights as per IS 3696 (Part-I)-1987.</li> </ol>	sq. m	2800.00
2.	<p>Dismantling the existing Dholpur or /Chima Pink Granite stone cladding in the exterior side of G + 6/ G + 4 storied building/structure up to 30 meter height above ground level, including window borders &amp; sides laid in cement mortar at all levels of building including stacking serviceable stones for reusing and disposal of unserviceable material within 50 meters lead.</p>	Sq. M.	2815.00

S. No.	Description of Item	Unit	Quantity (approx.)
3.	Removing cement mortar from serviceable stone slabs including cleaning the stones for reusing (net quantity of stacks of cleaned mortar materials will be measured)	Cu. M	8.00
4.	Dismantling filling mortar / materials / plaster of stone cladding from the external wall surfaces on the exterior side of G + 6/ G + 4 storied building/structure up to 30meter height above ground level, including raking out brick work joints, machine cutting cheema stone granite around windows, ventilators / structural glazing to match the plastering levels and cleaning the wall surfaces for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	Sq. M.	2815.00
5.	Stone work (machine cut edges) for wall lining etc. (vener work) at all levels up to 27 metre height, backing filled with a grout of average 40 mm thick or more to match the wall cladding level surfaces in cement mortar 1:3 (1 cement : 3 coarse sand) including pointing in white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment to match the shade of stone complete (The rate is inclusive of all materials & labours involved except scaffolding) for following:		
	i). Providing and fixing Dholpur Stone /Sand Stone matching with existing shade and finish - Exposed face machine cut and table rubbed with rough backing, 20 to 30 mm thick	Sq. M.	40.00
	ii). Providing and fixing Chima Pink Granite stone matching. with existing shade and finish - Exposed face machine cut and table rubbed with rough backing, 20 to 30 mm thick	Sq. M	90.00
	iii).Labour charges for fixing dismantled Serviceable Dholpur Stones including cutting to required sizes (Note: Dholpur stones will be issued free of cost).	Sq. M	50.00
	iv). Labour charges for fixing dismantled Serviceable Chima Pink Granite stone including cutting to required sizes(Note: Chima Pink Granite stone will be issued free of cost).	Sq. M	150.00

S. No.	Description of Item	Unit	Quantity (approx.)
6.	<p>Providing and fixing Fire Tested &amp; ETA approved Stainless Steel A2 (SS 304) frame Anchor of size 10x140mm, Counter sunk head, of Hitachi Koki India, Fischer or HRD-CR2 10 Hilti India for anchoring stone cladding with their sheaths comprising of 10 mm diameter Polyamide PA 6 grade sleeve and of 7 mm diameter double threaded 6.8 grade Hex head double threaded screw (sample to be pre-approved by the department) on external wall cladding of Anusandhan Bhawan Building comprising of G + 6 / G+4 upper floors for securing the existing Dholpur stone / Chima Pink stone of assorted sizes &amp; 50/65 mm thickness (avg. with base mortar) for cladding of external wall surfaces to the RCC/PCC/Masonry members of the main structure behind including mechanical drilling of holes using Dual- mode SDS rotary hammer (hammer drilling and drilling) Sturdy motor with high load rating for maximum reliability carefully using 10/12 mm dia. hammer drill bit with 4 carbide cutting edges for drilling anchor holes into concrete with rebar to full length of the bolt, cleaning the drill holes with compressed air for removing dust, dirt etc., installing the Frame Anchor set and mechanical driving of the bolts @ 2 Nos. per slab or as required, 150 mm from the nearest edge, in the pattern specified by the Department taking every care not to break the stone slabs in the process not to damage the bolt head grooves (due to frequent slipping) etc. Complete all as per specifications and as directed.</p>	Each	2090
7.	<p>Providing 18 mm cement plaster for exterior walls of G +. 6/ G + 4 storied building/structure up to 30 meter height above ground level, in two coats, under layer 12 mm thick cement plaster 1:5 (1 cement : 5 coarse sand) and a top layer 6 mm thick cement plaster 1:3 (1 cement : 3 coarse sand) finished rough with sponge including providing and mixing water proofing material in proportion recommended by the manufacturers</p>	Sq. M	2485.00
8.	<p>Demolishing cement concrete for coping of parapet wall manually/ by mechanical means including disposal of material within 50 meters lead as per direction of Engineer - in - charge.</p>	Cu. M.	1.00
9.	<p>Providing and laying cement concrete 1:1½:3 (1 cement : 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size) in parapets, coping, sills, fillets etc. up to sixth floor roof parapet level including the cost of centering, shuttering and finishing etc. complete.</p>	Cu. M.	2.00
10.	<p>Finishing walls with textured exterior paint on the exterior side of G + 6/ G + 4 storied building/structure up to 30 meter height above ground level, in required shade of approved brand and manufacture in two or more coats applied @ 3.28 ltr/10 sqm over and including priming coat of acrylic exterior primer applied @ 2.20kg/10 sq.m including thoroughly cleaning all mortar dropping, dirt dust, algae, fungus or moth, grease and other foreign matter of brushing and washing, pitting in plaster shall make good, repairing surface imperfections such as cracks, holes using white cement etc. complete.</p>	Sq. M.	2485.00



S. No.	Description of Item	Unit	Quantity (approx.)
11.	Providing cement mortar band in cement mortar 1:4 (1Running cement : 4 fine sand) mixed with water proofing material in cement per bag of plaster work in proportion recommended by the manufacturers and applying cement slurry @ 4.4 kg/sqm mixed with water proofing compound including rounding off junction of stone cladding edge and vertical wall surface etc. complete all as directed.	Running Meter	105.00
12.	Disposal of building rubbish / malba / stone slabs or. similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead up to 10 km for all lifts, complete as per directions of Engineer-in-charge.  Note - Item to be applicable in urban areas having directions for restricted Hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more.	Cu. M	280.00
13.	Providing and fixing top hung ventilator (Outwards opening) in Aluminum framework to the existing structural glazing up to 4th floor level with Concealed integrated friction stays ensure an outward opening also for large size sashes, with a secure opening fixation in any position, all aluminum work with powder coated aluminum (minimum thickness of polyester powder coating 50 micron ivory color) in existing panels of overall inside clear size 3Ft.-1inch X 2Ft.-4 inches approximately, providing and fixing ventilators frame of size as required as per site conditions along with shutter panel made with powder coated aluminum (minimum thickness of polyester powder coating 50 micron ivory color of matching shade) with extruded built up standard tubular sections/appropriate sections 1¾" X1¾" for shutter, L-Angle frame 1"X1.5" for ventilator, 2½"X2¼" / or existing box section as per site conditions and as directed, Providing and fixing toughened reflective window glass panes 6 mm thick of sapphire blue colour / matching shade of Saint Globin or equivalent approved brand and manufacture for ventilator shutter in each windows, providing fixing aluminum grill and framework in round shape to restrict pigeon's entry in open position of ventilator including providing and filling joints between glass panels (6 to 8 mm) with two part pump filled, structural silicone sealant and one part weather silicone sealant compatible with the structural silicone sealant including double sided spacer tape so as to make the entire system fully water proof & dust proof including cost of all labour, T&P, Tubular M.S. Pipe double scaffolding, C.P. brass / stainless steel screws, dismantling carefully the existing glazing glass for ventilator locations and other incidental charges including wastage etc. repairs etc. complete all as directed.  Note: (i) The size as shown for toughened glass is approximate, the Contractor shall take actual measurement at site and also note down the color / shade of the existing glass, before starting the work. The quoted rate shall be inclusive of cost of toughened glasses. (ii) The contractor's workers shall follow all safety precautions while working at height. (iii) The quoted rate shall be inclusive of Tubular M.S. Pipe double scaffolding, dismantling and disposing off the existing damaged glazing glass, cost of all labour, T&P and other incidental charges including wastage etc. (iv) The mode of measurement of ventilators shall be as per actual area in elevation (Height X Breadth) fixed at site.	Sq. Ft.	18.00
	<b>TOTAL AMOUNT INCLUDING GST</b>		

#### **4. ELIGIBILITY CRITERIA :**

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

#### **5. PREPARATION OF BIDS AND ON-LINE BIDSUBMISSION**

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) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- b) Bidder 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 bids etc. 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 PublicProcurement 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 uniqueusername 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 DSCs to others which may lead to misuse.
5. Bidder then logs in to 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 user manual with detailed guidelines on enrollment and participation in the online bidding process. Any queries related to process of online bids or querie related to CPP Portal may be directed to the 24x7 CPP Portal Helpdesk

## 6. PART NO. 1 (TECHNICAL BID)

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

Annexure		
S. No	Documents Type	Format
1	Checklist along with Eligibility Criteria documents as per Annexure A	Annexure-A
2	Bid Securing Declaration Letter	Annexure-B
3	Public Procurement (Preference to Make in India) Order 2017-Local Content Declaration	Annexure-C
4	Non- Blacklisting Declaration Letter	Annexure-D
5	General particulars of the bidder	Annexure-E
6	Tender Acceptance letter	Annexure-F
7	Pre-bid Inspection report	Annexure-G
8	Technical Specification duly signed & stamped as a token of acceptance.	Annexure-H
9	Share a Land Boarder with India	Annexure-I

- i) Any other relevant information and documents pertaining to the subject tender scope of work can be uploaded.
- ii) Any deviation in acceptance of the general terms and condition may lead to the rejection of the bid.

### **Important Note:**

- a) **If the bid is incomplete and / or non-responsive it will be rejected during technical evaluation. So bidders are requested to ensure that they provide all necessarily details in the submitted bids.**
- b) **If any price details are found in the Technical Bid, the offer will be summarily rejected.**

## 7. PART-II (PRICE BID):

- i. **The price bid (BOQ) in excel sheet format shall be uploaded online only. PRICE BID SHOULD NOT BE SUBMITTED IN A SEALED ENVELOPE.**
- ii. The PRICE PART shall contain only schedule of rates duly filled in. NO stipulation, deviation, terms & conditions, presumptions etc. is permissible in price part of the bid. CDAC shall not take any cognizance of any such conditions and may at its discretion reject such price bid.
- iii. Prices should be given in INR in figures only.
- iv. Bidders are advised to fill the BOQ file as per following instructions:
  - a) The bidder has to download the BOQ file along with tender documents and subsequent corrigendum, if any.
  - b) Bidder to note that there are GREY cells in BOQ file, which should not be modified by the bidder. Bidders are advised to fill the GREY cells meant for the rates and GST amount. Which are to be entered by the bidder.
  - c) Bidders are advised strictly not to alter or change the BOQ format/contents. Bidders are also advised not to paste any image file with BOQ.

- d) The bidder shall submit the tender online on e-tendering site eprocure.gov.in on or before the due date & time of bid submission. Tender submitted by any other form (fax/email/courier/post/hard copy) will not be accepted.
- e) Price offered by the bidder shall not appear anywhere in any manner in the technical bid.
- f) The bidder should quote GST amount in the price bid BOQ without fail and incase 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 respect should be uploaded at the given site above by the duedate and time of bid submission.**

## **8. INSTRUCTIONS TO BIDDERS (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 bidders 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 æper 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 the irresponsilities 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/Bidder shall not be allowed to transfer, assign, pledge or sub contract 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/Bidder shall attend all complaints and resolve the same in timely manner.
16. The successful Bidder 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 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 order 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.10.0 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 up to +/- 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 material 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 onsite warranty including labour, maintenance etc. commencing from the date of completion of entire job by submitting a Work Completion Report and accepted by C-DAC. 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 item 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 crane 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 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 materials 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 dead line shall stand extended to the next working day upto 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 reserve 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 one 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, material lying 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 reduces 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 here to agree to keep as confidential all documentation furnished or received by either party at anytime 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, copyrights 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 there or 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 UNDER GO A CHANGE”.**

**SIGNATURE OF THE BIDDER WITH STAMP**

**CHECK LIST/ELIGIBILITY CRITERIA OF DOCUMENTS SUBMITTED TO BE UPLOADED ALONG WITH TECHNICAL BID**

<b>S. No</b>	<b>Qualifying Criteria</b>	<b>Mandatory Documentary Proof to be uploaded</b>	<b>Documents Enclosed Yes/No</b>
<b>1.</b>	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.	
<b>3.</b>	Bid Securing Declaration Letter	As per <b>Annexure-B</b>	
<b>4.</b>	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	
<b>5.</b>	Average Annual turnover for last three financial years ending as on 31st March' 2021 not less than Rs. 25 Lakh (2018-19, 2019-20 & 2020-21).  Note: For MSME bidders the turnover will be considered as 50% i.e. Rs. 12.5 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.	
<b>6.</b>	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. 20 Lakhs</p> <p style="text-align: center;">OR</p> <p>2. Two similar work costing not less than the amount equal to Rs. 25 Lakhs</p> <p style="text-align: center;">OR</p> <p>3. One similar work costing not less than the amount equal to 40 Lakhs</p> <p><b>Note: In case of MSME/Startups firms, the bidder needs to have at least one similar work order duly executed equal to Rs. 10Lakhs</b></p>	<p>Copy of work orders and client certificates for successful completion of projects.</p>	
7.	Public Procurement (Preference to Make in India) Order 2017- Local Content Declaration	<b>Annexure-C</b>	
8.	Tender Acceptance Letter	<b>Annexure-F</b>	
9.	<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 <b>Annexure-D</b>.</p>	

	conduct or the making of false statements or misrepresentations as to their qualifications to enter into a procurement contract within a period of three years preceding the commencement of the procurement process, or not have been otherwise disqualified pursuant to debarment proceedings; c) not have a conflict of interest in the procurement in question as specified in the bidding document. d) comply with the code of integrity as specified in the bidding document. f) should not have been blacklisted by or entangled in legal disputes with Central Government (or)any State Government (or) any other Public sector undertaking (or) a Corporation (or) any other Autonomous organization of Central (or) State Government as on Bid submission date		
<b>10.</b>	General particulars of the bidder	<b>Annexure-E</b>	
<b>11.</b>	Pre – Bid Inspection Report	<b>Annexure -G</b>	
<b>12.</b>	Technical Specification duly signed & stamped as a token of acceptance.	<b>Annexure-H</b>	
<b>13.</b>	Restrictions on procurement from a bidder of a countries which shares a land border with India	<b>Annexure - I</b>	

**BID SECURING DECLARATION**

**TO**

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

**SUBJECT: BIDS SECURING DECLARATION–“REPAIRS AND STRENGTHENING OF EXTERNAL STONE CLADDING INCLUDING EXTERNAL PLASTERING AND FIXING OF S.S. FRAME ANCHORS FOR ANUSANDHAN BHAWAN C-DAC AT PLOT NO. C-56/1, SECTOR 62, NOIDA - 201309 (U.P.)”**

**Tender Reference No. 9(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 reuse 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)

**LOCAL CONTENT DECLARATION**

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

**SUBJECT: LOCAL CONTENT DECLARATION - “REPAIRS AND STRENGTHENING OF EXTERNAL STONE CLADDING INCLUDING EXTERNAL PLASTERING AND FIXING OF S.S.FRAME ANCHORS FOR ANUSANDHAN BHAWAN C-DAC AT PLOT NO. C-56/1, SECTOR 62, NOIDA - 201309 (U.P.)”**

**Tender Reference No. 9(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 (Preference to 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- “REPAIRS AND STRENGTHENING OF EXTERNAL STONE CLADDING INCLUDING EXTERNAL PLASTERING AND FIXING OF S.S. FRAME ANCHORS FOR ANUSANDHAN BHAWAN C-DAC AT PLOT NO. C-56/1, SECTOR 62, NOIDA - 201309 (U.P.)”**

**Tender Reference No. 9(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**

<b>Sl. No.</b>	<b>Particulars</b>	<b>To be filled in by the Bidder</b>
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 - “REPAIRS AND STRENGTHENING OF EXTERNAL STONE CLADDING INCLUDING EXTERNAL PLASTERING AND FIXING OF S.S.FRAME ANCHORS FOR ANUSANDHAN BHAWAN C-DAC AT PLOT NO. C-56/1, SECTOR 62, NOIDA - 201309 (U.P.)”**

**Tender Reference No : 9(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](http://www.cdac.in)/[www.eprocure.gov.in](http://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 33** (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 the our firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason thereof or 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-“REPAIRS AND STRENGTHENING OF EXTERNAL STONE CLADDING INCLUDING EXTERNAL PLASTERING AND FIXING OF S.S.FRAME ANCHORS FOR ANUSANDHAN BHAWAN C-DAC AT PLOT NO. C-56/1, SECTOR 62, NOIDA - 201309 (U.P.)”**

**Tender Reference No : 9(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 “**Repairs and strengthening of External Stone cladding including external plastering and fixing of S.S. Frame Anchors for Anusandhan Bhawan C-DAC at plot No. C-56/1, Sector 62, Noida - 201309 (U.P.)**” as mentioned in the Tender Ref No: **C-DAC/R&S/MMG/45(05)/2021-2022**. Further, we have done pre-bid inspection of all sites and completely satisfied our selves 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)**

**TECHNICAL SPECIFICATION OF STONE CLADDING**

**GENERAL**

- (a) Technical specifications and mode of measurements for the work shall confirm to relevant items as laid down in CPWD specifications and relevant IS Codes.
- (b) All the personnel / workers including their Supervisors shall maintain very good behavior and discipline while working within the office premises.
- (c) The Contractor shall remove all the debris resulting from the work and dispose it off outside the Complex area.
- (d) The contractor shall take utmost care to prevent any damage to building, air conditioners and all other installations on ground and the lawn areas. In case of any damage, the contractor shall be STRICTLY liable to make good the cost of such damages.
- (e) 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.

**SAFETY**

The contractor shall take all precautions and measures to ensure safety of works and workman and shall be fully responsible for the same. Safety pertaining to works such as dismantling, electric connections, scaffolds, ladders, working platforms, gangway, electric and gas welding, use of hoisting and construction machinery shall be governed by relevant safety codes.

**1. MATERIALS**

Samples of all materials to be used on the work shall be got approved by the contractor from the Engineer-in-Charge well in time. The approved samples duly authenticated and sealed shall be kept in the custody of the Engineer-in-Charge till the completion of the work. All materials to be provided by the contractor shall be brand new and as per the samples approved by the Engineer-in-Charge.

**2. DISMANTLING**

The term 'Dismantling' implies carefully separating the parts without damage and removing. This may consist of dismantling one or more parts of the building as specified or shown on the drawings.

**LIST OF BUREAU OF INDIAN STANDARDS CODES**

- 1. IS 1200 (Pt – XVIII) Method of Measurements of Building and Civil Engineering Works (Part –XVIII) Demolition and Dismantling
- 2. IS 4130 Demolition of Buildings–Code of Safety

**PRECAUTIONS:**

- a. All materials obtained from dismantling or demolition shall be the property of the Government unless otherwise specified and shall be kept in safe custody until they are handed over to the Engineer-in-Charge/ authorized representative.
- b. Necessary safety of the adjoining work or property before dismantling shall be taken up and the work shall be carried out in such a way that no damage is caused to the adjoining work or property. Wherever Specified, temporary enclosures or partitions and necessary scaffolding with suitable double scaffolding and proper cloth covering shall also be provided, as directed by the Engineer-in-Charge.
- c. Necessary precautions shall be taken to keep noise and dust nuisance to the minimum. All work needs to be done under the direction of Engineer-in-Charge. Helmets, goggles, safety belts etc. should be used whenever required and as directed by the Engineer-in-Charge.
- d. Dismantling shall be done in a systematic manner. All materials which are likely to be damaged by Dropping from a height or by demolishing roofs, masonry etc. shall be carefully removed first. Chisels and cutters may be used carefully as directed. The dismantled articles shall be removed manually or otherwise, lowered to the ground (and not thrown) and then properly stacked as directed by the Engineer-in-Charge.

- e. Where existing fixing is done by nails, screws, bolts, rivets, etc., dismantling shall be done by taking out the fixing with proper tools and not by tearing or ripping off.
- f. Any serviceable material, obtained during dismantling or demolition, shall be separated out and stacked properly as directed by the Engineer-in-Charge within a lead of 50 meters. All unserviceable materials, rubbish etc. shall be disposed off as directed by the Engineer-in-Charge.
- g. The contractor shall maintain/disconnect existing services, whether temporary or permanent, where required by the Engineer-in-Charge.
- h. Screens shall be placed where necessary to prevent injuries due to falling pieces.
- i. Water may be used to reduce dust while tearing down plaster from brick work.
- j. Safety belts shall be used by labourers while working at higher level to prevent falling from the structure.
- k. First-aid equipment shall be got available at all demolition works of any magnitude.

#### **MEASUREMENTS:**

All work shall be measured net in the decimal system, as fixed in its place, subject to the following limits, unless otherwise stated hereinafter.

- (a) Dimensions shall be measured correct to a cm.
- (b) Areas shall be worked out in sq. meter correct to two places of decimal.
- (c) Cubical contents shall be worked out to the nearest 0.01 cum

#### **RATES:**

The rate shall include the cost of all labour involved and tools used in dismantling including scaffolding. The rate shall also include the charges for separating out and stacking the serviceable material properly and disposing off unserviceable material within a distance of 50 meters.

### **3. STONE CLADDING**

#### **Material:**

Stone shall be of the type as specified in the item. It shall be hard, sound durable and tough free from cracks, decay and weathering and defects like cavities cracks, flaws, holes, veins, patches of soft or loose materials etc. Thickness of stone shall be as specified Stone shall be cut with the gang saw to the required size and shape on all beds and joints so as to free from any waviness and to give truly vertical horizontal surface as required. The exposed face and sides of stones forming joints shall be such that the straight edge laid along the face of the stone is in contact with every point on it. All the visible angle and edges shall be square and free from chipping. The dressed stone shall be of the thickness specified with permissible tolerance of + 2 mm. Before starting the work, the contractor shall get the samples of stone approved by Engineer-In-charge.

Approved sample shall be kept in custody of Engineer-in-Charge and stones supplied and used on the work shall conform to sample with regard to soundness, colour, veining and general texture. The stone shall be cut by gang saw into slabs of required thickness along the places parallel to the natural bed. When necessary double scaffolding for fixing the stone at greater heights, jib crane or other mechanical appliances shall be used to hoist the heavy pieces of stone and placed them into correct positions. Care shall have to be taken that corners of the stone are not damaged. Stone shall be covered with gunny bags before tying chain or rope is passed over and it shall be handled carefully. No pieces which has been damaged shall be used that work.

**Jointing:** Joints horizontal and vertical shall be filled with weather sealant of make as approved by Engineer-in-charge with the help of pouring gun for filling the sealant. Before filling the joint with sealant, masking tape are required to be fixed on stones surface on both edges of joints of the stones, so that sealant may not spoil the surface of the stone. When all the joints are filled and sealant has dried, the masking tape may be removed.

**Protection:** Work shall be protected from rain by suitable covering. The work shall also be suitably protected from damage and rain during construction.

**Measurement:** The length and breadth shall be measured correct to a cm. The area shall be calculated in square meter correct to two places of decimal. Any opening of area 0.01 sq.mtr or less shall not be deducted.

**Rate:** The rate includes the cost of materials and labour involved in all operations described above including Cost of support scaffolding staging, sealant, pouring guns.

#### 4. 18 MM CEMENT PLASTER (TWO COAT WORK)

##### **Preparation of surface:**

The joints shall be raked out properly. Dust and loose mortar shall be brushed out. Efflorescence if any shall be removed by brushing and scrapping. The surface shall then be thoroughly washed with water, cleaned and kept wet before plastering is commenced.

##### **Mortar:**

The mix and type of fine aggregate specified in the description of the item shall be used for the respective coats. Generally the mix of the finishing coat shall not be richer than the under coat unless otherwise described in item.

Generally coarse sand shall be used for the under coat and fine sand for the finishing coat, unless otherwise specified for external work and under coat work, the fine aggregate shall conform to grading zone IV. For finishing coat work the fine aggregate conforming to grading zone V shall be used.

##### **Application:**

The plaster shall be applied in two coats i.e. 12 mm under coat and then 6 mm finishing coat and shall have an average total thickness of not less than 18 mm.

Plastering shall be started from the top and worked down towards the floor. All putlog holes shall be properly filled in advance of the plastering as the scaffolding is being taken down. To ensure even thickness and a true surface, plaster about 15 × 15 cm shall be first applied, horizontally and vertically, at not more than 2 meters intervals over the entire surface to serve as gauges. The surfaces of these gauged areas shall be truly in the plane of the finished plaster surface. The mortar shall then be laid on the wall, between the gauges with trowel. The mortar shall be applied in a uniform surface slightly more than the specified thickness. This shall be brought to a true surface, by working a wooden straight edge reaching across the gauges, with small upward and sideways movements at a time. Finally the surface shall be finished off true with trowel or wooden float according as a smooth or a sandy granular texture is required. Excessive troweling or over working the float shall be avoided. All corners, arises, angles and junctions shall be truly vertical or horizontal as the case may be and shall be carefully finished. Rounding or chamfering corners, arises, provision of grooves at junctions etc. Where required shall be done without any extra payment. Such rounding, chamfering or grooving shall be carried out with proper templates or battens to the sizes required.

When suspending work at the end of the day, the plaster shall be left, cut clean to line both horizontally and vertically. When recommencing the plastering, the edge of the old work shall be scrapped cleaned and wetted with cement slurry before plaster is applied to the adjacent areas, to enable the two to properly join together. Plastering work shall be closed at the end of the day on the body of wall and not nearer than 15 cm to any corners or arises. It shall not be closed on the body of the features such as plasters, bands and cornices, nor at the corners of arises. Horizontal joints in plaster work shall not also occur on parapet tops and copings as these invariably lead to leakages. The plastering and finishing shall be completed within half an hour of adding water to the dry mortar. No portion of the surface shall be left out initially to be patched up later on. The plastering and finishing shall be completed within half an hour of adding water to the dry mortar

**12 mm Under Coat:** This shall be applied as specified except that when the plaster has been brought to a true surface a wooden straight edge and the surface shall be left rough and furrowed 2 mm deep with a scratching tool diagonally both ways, to form key for the finishing coat. The surface shall be kept wet till the finishing coat is applied.

**6 mm Finishing Coat:** The finishing coat shall be applied after the under coat has sufficiently set but Not dried and in any case within 48 hours and finished in the manner as specified.

**Curing:**

Curing shall be started as soon as the plaster has hardened sufficiently not to be damaged when watered. The plaster shall be kept wet for a period of at least 7 days. During this period, it shall be suitably protected from all damages at the contractor's expense by such means as the Engineer-in-Charge may approve. The dates on which the plastering is done shall be legibly marked on the various sections plastered so that curing for the specified period thereafter can be watched.

**Rate:**

The rate shall include the cost of all labour and materials involved in all the operations described above.

**Measurements:**

Length and breadth shall be measured correct to a cm and its area shall be calculated in square Meter correct to two places of decimal.

Deductions in measurements, for opening etc. will be regulated as follows:

- (a) No deduction will be made for openings or ends of joists, beams, posts, girders, steps etc. up to 0.5 sq.mtr in area and no additions shall be made either, for the jambs, soffits and sills of such openings. The above procedure will apply to both faces of wall.
- (b) Deduction for opening exceeding 0.5 sq.mtr but not exceeding 3 sq.mtr each shall be made for reveals, jambs, soffits sills, etc. of these openings.
  - (i) When both faces of walls are plastered with same plaster, deductions shall be made for one face only.
  - (ii) When two faces of walls are plastered with different types of plaster or if one face is plastered and other is pointed or one face is plastered and other is un-plastered, deduction shall be made from the plaster or Pointing on the side of the frame for the doors, windows etc. on which width of reveals is less than that on the other side but no deduction shall be made on the other side. Where width of reveals on both faces of wall is equal, deduction of 50% of area of opening on each face shall be made from area of plaster and/or pointing as the case may be.
  - (iii) For opening having door frame equal to or projecting beyond thickness of wall, full deduction for opening shall be made from each plastered face of wall.
- (c) For opening exceeding 3 sq.mtr in area, deduction will be made in the measurements for the full opening of the wall treatment on both faces, while at the same time, jambs, sills and soffits will be measured for payment.
- (d) In measuring jambs, sills and soffits, deduction shall not be made for the area in contact with the frame of doors, windows etc.

**5. EXTERIOR PAINTING ON WALL****Material:**

The paint shall be (Textured exterior paint/Acrylic smooth exterior paint/premium acrylic smooth exterior paint) of approved brand and manufacture. This paint shall be brought to the site of work by the contractor in its original containers in sealed condition. The material shall be brought in at a time in adequate quantities to suffice for the whole work or at least a fortnight's work. The materials shall be kept in the joint custody of the contractor and the Engineer-in-Charge. The empty containers shall not be removed from the site of work till the relevant item of work has been completed and permission obtained from the Engineer-in-Charge.

**Preparation of Surface:**

For new work, the surface shall be thoroughly cleaned off all mortar dropping, dirt dust, algae, fungus or moth, grease and other foreign matter of brushing and washing, pitting in plaster shall make good, surface imperfections such as cracks, holes etc. should be repaired using white cement. The prepared surface shall have received the approval of the Engineer in charge after inspection before painting is commenced. In case of areas having excessive dampness apply Smart Care Damp Block to limit further dampness. When the underlying surface exhibits chalkiness, in spite of thorough surface cleaning, apply exterior Sealer. For filling cracks apply Smart Care Crack Seal.

**Application:**

Before pouring into smaller containers for use, the paint shall be stirred thoroughly in its container, when applying also the paint shall be continuously stirred in the smaller containers so that its consistency is kept uniform. Dilution ratio of paint with potable water can be altered taking into consideration the nature of surface climate and as per recommended dilution given by manufacturer. In all cases, the manufacturer's instructions & directions of the Engineer-in-charge shall be followed meticulously.

The lids of paint drums shall be kept tightly closed when not in use as by exposure to atmosphere the paint may thicken and also be kept safe from dust.

Base coat of Acrylic Exterior Wall Primer shall be applied by mixing potable water in proportions as per manufacture's recommendations and applied and as specified in item description. All

Specifications in respect of base coat shall be as described in relevant IS Code. Paint shall be applied with a brush on the cleaned and smooth surface. Horizontal strokes shall be given, First and vertical strokes shall be applied immediately afterwards. This entire operation will constitute one coat. The surface shall be finished as uniformly as possible leaving no brush marks.

**Rate:**

The rate shall include the cost of all labour and materials involved in all the operations described above.

**Measurements:**

The length and breadth shall be measured correct to a cm. The area shall be calculated in sqm (correct to two places of decimal), except otherwise stated.



**DECLARATION-LAND BORDER SHARING**

To  
**Centre for Development of Advanced Computing**  
Anusandhan Bhawan, 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. 9(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.**