

**Center for Development of Advanced Computing (C-DAC)
A Scientific Society under the Department of Information Technology,
Ministry of Communications and IT, Govt. of India
Anusandhan Bhawan, C-56/1, Sector- 62, Noida**

C-DAC Noida, an Autonomous Scientific Society under the Department of Information Technology, Ministry of Communications & Information Technology, Govt. of India, invites sealed offers in Two-Bid form towards supply, installation, commissioning, testing & maintenance of “ENVIRONMENTAL CHAMBER which provides an atmosphere for Conditioning and Testing Embedded Device”.

Interested parties may obtain the detailed tender document from MMG Deptt, C-DAC Noida, as per following schedule. The tender document can also be down loaded from www.cdacnoida.in / www.tenders.gov.in

- | | | |
|---------------------------------|---|--|
| 1. Issue of Tender Document | : | 16 th Nov, 2011 to 07 th Dec, 2011 up to 11:00 am |
| 2. Submission of Bids | : | By 3:00 PM on 07 th Dec, 2011 |
| 3. Technical Bid Opening | : | At 3:30 PM on 07 th Dec 2011 |
| 4. Tender fee (Non- Refundable) | : | Rs. 500/- (Rs. Five Hundred only) in the form of a DD/Pay Order favoring C-DAC payable at Noida. In case documents are down loaded from the website, DD / Pay Order of Rs.500/- favoring C-DAC payable at Noida must be enclosed with the Technical Bid. |
| 5. EMD (Refundable) | : | Rs. 15,000/- (Rs. Fifteen Thousand only) should be in the form of DD / Pay Order favoring C-DAC payable at Noida. |

Head (MMG)

SECTION I: INVITATION FOR BIDS (IFB)

Sub: Tender for Supply, Installation, Commissioning, Testing & Maintenance of ENVIRONMENTAL CHAMBER which provides an atmosphere for Conditioning and Testing Embedded Device.

(A) **Scope of Work:** Supply, Installation, Commissioning, Testing & Maintenance of ENVIRONMENTAL CHAMBER which provides an atmosphere for Conditioning and Testing Embedded Device as per detailed given in **Annexure A**.

(B) **Eligibility Criteria** pre-qualification of bidders are as under: -

- (i) Should be an authorized manufacturer / fabricator / assembler or their authorized distributor facilitating on regular basis with technology / products updates & extend support for the entire warranty period as desired in the tender document. In absence of such certificate, the Bid is liable to be rejected.
- (ii) Should have ISO certification for quality standards. In absence of valid proof, the Bid is liable to be rejected.
- (iii) Should have an Average Annual Turnover of Rs. 30.00 Lakh during last three financial years and an audited Annual Turnover Certificate should be enclosed. In absence of valid proof, the Bid is liable to be rejected.
- (iv) Should have a Branch Office / Service Centre in Delhi (NCR) preferably in Delhi / Noida.
- (v) Should have minimum five years of experience in similar type of works. The bidder must have executed two separate orders of 80% value each of the estimated price quoted during the last one year. Enclose supporting documents towards satisfactory completion of similar works. Enclose work order copies. In absence of valid proof, the Bid is liable to be rejected.
- (vi) Should have all the mandatory and necessary statutory requirements to be obtained from Govt. bodies towards license for manufacturing the indented items. Moreover should have other important registrations such as TIN, Service Tax, PAN, etc. Enclose copies of all the supporting documents. In absence of copies of valid documents, the Bid is liable to be rejected.

Before submission of the tender, please verify the eligibility criteria and ensure fulfilling all the terms and conditions.

(C) **In case of any technical clarification please contact:**

Mr. Ashutosh Gupta
Centre for Development of Advanced Computing (C-DAC)
Academic Block,
B-30, Institutional Area, Sector-62
Noida-201307 (Uttar Pradesh), India
Tel No. +91-120-3063371-72-73
E Mail: ashutoshgupta@cdac.in

(D) **Bid Submission:**

The offer must be submitted in two parts sealed separately as **Part-I (Technical Bid)** and **Part-II (Price Bid)** in separate sealed envelopes. Both the bids shall be enclosed in another sealed envelope super scribing:

Sub : Offer for Supply, Installation, Commissioning, Testing & Maintenance of **ENVIRONMENTAL CHAMBER** which provides an atmosphere for Conditioning and Testing Embedded Device

Tender No : 5(20)/2011/ES/EC/Pur

Due date & time : By 3:00 PM on 07th Dec 2011

- (E) **Part – I (Technical Bid)** shall contain:
- (i) Technical bid with full details including description of make & model of materials so as to enable technical assessment of the proposal.
 - (ii) Company Profile (as per Performa I & II) along with all the supporting documents as desired.
 - (iii) Non-Refundable Tender fee of **Rs. 500/- (Rs. Five Hundred Only)** in the form of DD / Pay Order favoring C-DAC payable at Noida. (In case the tender document is down loaded from the website). Offers without Tender Fee shall be rejected.
 - (iv) Refundable Earnest Money Deposit (EMD): **Rs. 15,000/- (Rs. Fifteen Thousand Only)** in the form of DD / Pay Order favoring C-DAC payable at Noida. Offers without Earnest Money Deposit will be rejected.
 - (v) The warranty is required at CDAC Noida. The bidder must provide the plan / arrangement, for installation and warranty services to be provided at CDAC Noida.
 - (vi) The detailed technical specifications with Make, Model and part number in the form of a Compliance Statement to the technical specifications (as per Annexure-A) along with relevant product brochure etc. Without proper Compliance Statement the bid is liable to be rejected.
 - (vii) Contact details of technical staff for after – sales service support at CDAC Noida.
 - (viii) Acceptance to the terms and conditions laid down in the tender document. Any deviation in the general terms and condition will lead to the rejection of the bid.

If the technical offer contains any price information the offer will be summarily rejected.

- (F) Part –II (**Price Bid**) should contain **Only Price Details** in the prescribed format as per **Annexure-B** with proper seal and signature of authorized person. Prices should be given in INR in both figures and words.

(G) **Opening of Technical & Price Bid**

Only the technical bids will be opened on **07th Dec 2011 at 3:30 pm**. Interested bidders may attend the technical bid opening as per the schedule. Price Bids of only the short-listed / technically qualified bidders will be opened. Bidders may like to attend the Price Bid opening in or through their authorized representative at the time & date, to be informed later.

The outer cover in which these sealed covers (i.e. Part I & II) are to be placed should be addressed and reach to the

The Head (MMG)
Centre for Development of Advanced Computing (C-DAC),
Anusandhan Bhawan, C-56/1,
Institutional Area, Sector-62
Noida - 201 307
Ph: 0120 - 2402551-60 Ext: 222

END OF SECTION I

SECTION II: INSTRUCTION TO BIDDERS (ITB)

- (A) **Offer Validity:** Offers Bids shall be valid for minimum Ninety (90) Days from the date of opening of Price Bid. A bid valid for a shorter period shall not be considered. C-DAC, Noida may ask bidders to extend the period of validity.
- (B) **Delivery & Installation:** The delivery, installation, commissioning and testing as per our present requirement, to be done at CDAC Noida, should be completed within Four Weeks from the date of Purchase Order. C-DAC Noida reserves the right to increase or decrease the Bill of Material as per the requirement without any change in the rates quoted, within the bid validity period.
- (C) **Product Specifications & Compliance Statement:** The bidder should quote the products strictly as per the tender specifications. Complete technical details along with brand, specification, technical literature etc. highlighting the specifications must be supplied along with the technical bid. A Compliance statement shall be given in the prescribed format given in Annexure A. The compliance statements should be supported by authentic documents. Each page of the bid and cuttings / corrections shall be duly signed and stamped by the authorized signatory. Failure to comply with this requirement may result in the bid being rejected.
- (D) In case of any discrepancy between rates mentioned in figures and words, the latter shall prevail. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected.
- (E) Materials must be properly packed against any damage and insured up to the destination. The material should directly be supplied to CDAC Noida. All the expenses involved in shipping the equipment to the desired location at CDAC Noida shall be borne by the Bidder. All aspects of safe delivery shall be the exclusive responsibility of the Bidder. C-DAC Noida will have the right to reject the component / equipments supplied, if it does not comply with the specifications at any point of installation / inspection.
- (F) Earnest Money is liable to be forfeited and bid is liable to be rejected, if the bidder withdraw or amends, impairs or derogates from the tender in any respect within the validity period of the tender.
- (G) The successful bidder shall submit Security Deposit in the form of DD / BG equivalent 10% of the actual PO value favoring CDAC Noida at the time of placing the PO. The security deposit shall be released on completion of entire supply and submission of Performance Bank Guarantee.
- (H) The Earnest Money Deposit (EMD) of all the unsuccessful bidders shall be returned as early as possible within the Bid Validity period but not before 30 days from the date of Purchase Order. The EMD of successful bidder shall be returned at time of releasing of 90% payment. Balance 10% payment will be released as per Clause C of Section III of Special Conditions of Contract (SCC) of this tender. No interest will be payable by C-DAC on the Earnest Money Deposit.
- (I) If any equipment or part thereof is lost or rendered defective during transit, the supplier shall immediately arrange for the supply of the equipment or part thereof, as the case may be, at no extra cost.
- (J) The rates should be quoted in **Indian Rupees**, for the entire work to be done at site, BOTH IN FIGURES & WORDS. All the prices shall be fixed and shall not be subject to escalation of any description during the bid validity period.
- (K) Govt. Levies like Service Tax; VAT, etc. shall be paid at actual rates applicable on the date of submission. Rates should be quoted accordingly giving the basic price, VAT, Service Tax etc.
- (L) C-DAC, Noida reserves the right to accept / reject the offers or cancel the whole tender proceedings without assigning any reason whatsoever. Offers through Email / Fax, etc and open offers shall not be accepted. Late / Delayed offers shall not be accepted under any circumstances. Incomplete offers shall be rejected outright. In case the specified date for the submission of offers being a closed holiday or declared holiday for C-DAC, the bid-closing deadline shall stand extended to the next working day up to the same time.

- (M) Any attempt of negotiation direct or indirect on the part of the tenderer with the authority to whom he has submitted the tender or authority who is competent finally to accept it after he has submitted his tender 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.
- (N) The bidders requiring any clarification about the contents detailed in the tender document may notify to C-DAC in writing at the mailing address (give at Page 2 of the tender document). Clarifications received till 72 hours before the closing date / time of receipt of bids will be responded. Clarification sought by the bidders along with C-DAC's response will be posted on C-DAC website www.cdacnoida.in till 48 hours before the closing date / time of receipt of bids. Accordingly, all the bidders must refer C-DAC's website for the clarification, if any, before submission of their bids on the due date / time.
- (O) The equipment must be supported by the bidder's technical support engineers certified by OEM. The support must be available 24 hours in a day, seven days a week and 365 days a year. Also provide toll free number / web / email so that it should be possible to contact the Principal Bidder's (OEM's) support Centre.
- (P) **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 be 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.
- (Q) **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.
- (R) **Declaration:**
The bidder would be required to give certificate as below in his commercial bid.
"I/We UNDERSTAND THAT THE DETAILS OF THE SERVICES AS PROVIDED ABOVE ARE SUBJECT TO CHANGE. I/WE AGREE THAT IN CASE OF ANY CHANGE IN THE QUANTITIES REQUIRED FOR ANY OF SERVICES, I/ WE WOULD BE SUPPLYING THE SAME AT THE RATES AS SPECIFIED IN COMMERCIAL BID. I /WE AGREE TO ADHERE TO THE PRICES GIVEN ABOVE EVEN IF THE QUANTITIES UNDERGO A CHANGE".

SIGNATURE OF THE BIDDER WITH STAMP

END OF SECTION II

SECTION III: SPECIAL CONDITIONS OF CONTRACT (SCC)

- (A) **Price Basis:** Price basis should be F.O.R CDAC Noida (up to the desired location at CDAC Noida) in INR only. Price quoted should be in the prescribed format as per Annexure B i.e. No Form C / D shall be issued. However the Form 38 may be provided by CDAC in case the supply is from outside UP. The quoted price will be considered firm and no price escalation will be permitted during the bid validity period.
- (B) **Billing** is to be done in the name of Centre for Development of Advanced Computing, C-56/1, Institutional Area, Sector-62, Noida – 201307. The payment would be on the basis of the actual bill of material supplied and duly certified by our authorized representative at CDAC Noida.
- (C) **Payment:** 90% of invoice value after delivery, acknowledgement of confirmed delivery report and submission of invoice duly certified by our authorized representative. Balance 10% payment will be released after successful completion of entire work and submission of Performance Bank Guarantee (valid till Warranty Period) from a scheduled / nationalized bank towards 10% of order value or after the completion warranty period. This Bank Guarantee shall remain valid till the warranty period which shall be commencing after the completion of entire job.
- (D) **Penalty for Delayed Services:** Penalty will be charged @ 0.5% of the contract value per day subject to maximum of 5% of total order value, in case of delay /non-completion of work within the stipulated time period.
- (E) **Warranty:** All the items covered in the schedule of the requirements, shall carry minimum **Two Years** onsite comprehensive warranty to be commencing from the date of completion of entire work i.e. 2 Years Same day within 4Hour (24x7) Onsite Response (Parts + Labor). The bidder must undertake to provide the installation and warranty service at CDAC Noida. The repairing / rectification, if any of the items under warranty must be done at CDAC Noida only. The bidder should submit along with the technical bid, the detailed plan for providing installation and warranty services at site. Prompt and efficient after sales service must be free within the warranty period.
- (F) **Annual Maintenance Contract (AMC):** The bidder must also give the price towards three years AMC subsequent to the Warranty Period in the price format.

END OF SECTION III

Annexure A

Technical Specifications cum Compliance Statement for Environmental Chamber

Technical Specification for Environmental Chamber

1. Description of Function

#	Name	Technical Specs quoted by bidder	Bidders Deviation if any
1.1	Environmental chamber which provides an atmosphere for Conditioning and Testing Embedded Device		

2. Operational Requirements

#	Name	Technical Specs quoted by bidder	Bidders Deviation if any
2.1	<p>Materials of construction</p> <ol style="list-style-type: none"> 1. The chamber must be monobloc construction which comprises all systems necessary for operation. 2. The outer housing must be made of good quality rust free material which is inside and outside primed and painted to a standard finish with high quality materials. 3. The exterior surface shall have high wear resistance. 4. The test equipment shall be capable of moving easily to different locations using castors 5. A photograph / brochure showing inside and outside details of the chamber should be supplied. 		

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3. Technical Specifications

#	Name	Technical Specs quoted by bidder	Bidders Deviation if any
3.1	Temperature Temperature Accuracy : $\pm 1.0^{\circ}\text{C}$ Stability : $\pm 1.0^{\circ}\text{C}$ Temperature Range : -20°C to 60°C Temperature Display : LCD/Seven Segment LED		
3.2	Humidity Accuracy (RH %) : ± 3 Stability (% RH) : ± 3 Range (working) : 20 - 90 % RH Display : LCD/Seven Segment LED		
3.3	Instrumentation & control The chamber should be provided with microprocessor /computer control and monitoring system. <ul style="list-style-type: none"> System should have RS232 or USB interfaces for communication with PC. 		
3.4	Chamber <ol style="list-style-type: none"> Inner Dimensions: W x D x H (mm) maximum 800 x 800 x 800 (approx.) or less Water Inlet & Drain/ Basin : To be provided The chamber should have internal lighting mechanism 		
3.5	Inspection window The door is to be provided with a multipane toughened glass inspection window		
3.6	Provision of mounting of multiple external wired sensor/probe inside the chamber		

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4. Environmental Factors

#	Name	Technical Specs quoted by bidder	Bidders Deviation if any
4.1	Thu unit should be capable of operating in ambient temperature in the range of 10 -40 deg C and relative humidity of less than 90%		

5. Power Supply

#	Name	Technical Specs quoted by bidder	Bidders Deviation if any
5.1	Power input to be 220-240VAC, 50Hz fitted with BIS plug (ISI mark)		

6. Standards, Safety and Training

#	Name	Technical Specs quoted by bidder	Bidders Deviation if any
6.1	<p>Safety & Protection</p> <ul style="list-style-type: none"> • All power lines should have fuse protection. • The control and monitoring system should be protected against input electrical surge and spike. • Drain for condensate and cleaning water. • Earth point. • The Power consumption by safety & control devices shall be as low as possible. 		
6.2	Comprehensive warranty for 2 years and 3 years AMC after warranty		
6.3	Manufacturer/Supplier should have ISO certification for quality standards.		
6.4	The bidder shall assure supply of spares for a minimum period of 05 years from the date of supply		

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7. Documentation

#	Name	Technical Specs quoted by bidder	Bidders Deviation if any
7.1	User/Technical/Maintenance manuals to be supplied in English.		
7.2	List of important spare parts and accessories with their part number and costing.		
7.3	Current User's / performance list to be provided		

Annexure B

Price Bid

S No.	Item Description	Qty (no.)	Unit Rate (in Rs.)	Tax	Total Rate (in Rs.)
1.	Environmental chamber which provides an atmosphere for Conditioning and Testing Embedded Device	01			
2.	(Optional) Annual Maintenance Contract (AMC): The bidder must also give the price towards three years AMC subsequent to the Warranty Period in the price format.				

PRE-QUALIFICATION – PROFORMA-I

PARTICULARS OF THE BIDDERS TO BE FURNISHED FOR THE PURPOSE OF PRE-QUALIFICATION

1.	Name of Organization /firm/company	
2.	Address & Telephone Numbers	
3.	Year of establishment	
4.	Status of the firm (Company/ Firm/ Proprietary) enclose the supporting document	
5.	Whether registered with the registrar of companies /registrar of firms. If so, mention number and date.	
6.	a) Name & Mobile Numbers of Directors / Partners / Proprietor	i) ii) iii)
7.	Whether registered for sales tax purposes. If so, mention number and date. Furnish also copies of sales tax clearance certificate. Mention the VAT / LST / CST enclose the relevant copies	
8.	Whether an assessee of income tax. If so, mention permanent account number. Furnish copy of PAN	
9.	State Annual turnover of the company. Furnish copies of audited balance sheet and profit & loss account (audited) for the last three years.	
10.	Specify the maximum value of single work executed in the year in the country.	
11.	Status and details of disputes/ litigation/ arbitration, if any.	i) ii) iii)

Place:

Date:

Signature of the Contractor

PRE-QUALIFICATION PROFORMA – II

PARTICULARS IN RESPECT OF 3 MAJOR WORKS EXECUTED IN LAST 3 YEARS

S.No	Name of work and project with address	Short Description of work executed	Name and address of owner	Value of work executed	Stipulated time of completion	Actual time of completion	Name of architect/consulting Engineer

Place:

Date:

Signature of the contractor