

**CENTRE 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 an Autonomous Scientific Society under the Department of IT, Ministry of Communications & IT, Govt. of India, invites sealed offer in **Two-Bid System** from reputed, experienced and resourceful Turnkey / Suppliers / Contractors towards *Supply, Installation, Testing, Commissioning, & Maintenance of IP Cameras & CMS (Central Monitoring System)* strictly in line with the terms and conditions mentioned hereunder:

Interested contractors / bidders / agencies may collect the Tender Document from C-DAC Noida as per following schedule or can also download the same from our website [www.cdacnoida.in](http://www.cdacnoida.in).

1. Issue of Tender Document : 26<sup>th</sup> December 2011 to 19<sup>th</sup> January 2012 up to 11:00 AM pm.
2. Submission of Points which Technical Clarification is reqd. in the Pre-bid Meeting : 9<sup>th</sup> January 2012 upto 4 pm
3. Pre-Bid Meeting : 11<sup>th</sup> January 2012 by 12.00 Noon at CDAC Office.
4. Receipt of Bids : 20<sup>th</sup> January 2012 by 12:30:00 pm
5. Opening of Technical Bid : 20<sup>th</sup> January 2012 at 12:30:30 pm
6. 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 the documents are downloaded from the website, tender fee as above should be enclosed with the Technical Bid. In case of Non-Submission of tender fee the tender will be considered invalid and will be rejected as it is.
7. Earnest Money Deposit (EMD) : Rs. 20,000/- (Rs. Twenty Thousand only) in the form of DD / Pay Order favoring C-DAC payable at Noida. In case of Non-Submission of EMD the tender will stand cancelled except in case the bidder is exempted from submitting the EMD, the same should submit the relevant supporting document along with the technical bid. In absence of supporting document the entire bid is liable to be rejected.

**Head,  
(Materials Management Group)**

**Note:** In case of any clarification please contact Sh. Amit Kumar Singh or Sh. Brahmananda Prabhu as per the details given in Section I – Clause No.3.

### **SECTION I: INVITATION FOR BIDS (IFB)**

1. **Scope of Work:** *Supply, Installation, Testing, Commissioning, & Maintenance of IP Cameras & CMS (Central Monitoring System) and any other relevant materials / works in locations identified by CDAC as per details given in Annexure A.*

2. **Eligibility Criteria:**

- Should be a resourceful, registered and authorized dealer / distributor / agency with a certificate from the OEM that they will provide the Technical Support / Updation during the entire Warranty Period. I
- In absence of such undertaking, the Bid is liable to be rejected.
- Should have an average annual turnover of **Rs. 1.00 Crore (Rs. One Crore)** during last three years. Enclose the copy of audited Annual Turnover Certificate. In absence of such certificate, the Bid is liable to be rejected.
- Should have its local support office in Delhi, NCR; preferably in Delhi/Noida or else shall submit a written undertaking that it will open a site office at Delhi, NCR within 10 days period in the event of award of work to them. Give complete contact details (if office already exists)
- Should have executed projects of similar nature and quantum. Enclose documentary proof in the form of satisfactory completion certificate issued by the client. Should have successfully completed three similar works of which consists of atleast ONE OF minimum value of not less than Rs. 8,00,000/- each or two similar works of minimum value of not less than Rs. 5,00,000/- **each** during the last three years. Enclose the copies of work orders (self attested) along with their satisfactory work completion certificates / reports if the work is completed or copies of work orders if the work is in progress. In absence of supporting documents the Bid is liable to be rejected.
- Should be having all the necessary registrations (as per Pre-Qualification details sought in enclosed Performa I & II) like VAT, Service Tax, TIN, PAN etc. Enclose proof thereof. In absence of supporting documents, the Bid is liable to be rejected.

**Before submitting the tender, please verify the eligibility criteria and also ensure fulfilling all the terms and conditions.**

3. **For any technical clarification please contact:**

Sh. Amit Kumar Singh, Senior Technical Officer @ 09871213887 or  
Sh. Brahmananda Prabhu, Technical Officer @ 09999766897  
Centre for Development of Advanced Computing (C-DAC)  
Anusandhan Bhawan  
C-56/1, Institutional Area, Sector-62  
Noida-201307 (Uttar Pradesh), India  
Tel No. +91-120-2402551-60

4. **Bid Submission:**

The proposals shall be submitted in Two-Bid system both to be sealed separately as detailed under i.e. **Part-I (Technical Bid)** and **Part-II (Price Bid)** in sealed envelopes. Both the bids along with EMD shall be enclosed in another sealed envelope super scribing:

- Sub : Tender for **Supply, Installation, Testing, Commissioning, & Maintenance of IP Cameras & CMS (Central Monitoring System)** and any other relevant materials / works at **locations identified by CDAC**
- Tender No. : 5(31)/2011/IP&CMS/Pur
- Due Date & Time for Receipt of bid : **20 16<sup>th</sup> January 2012 by 12 3:00 pm**

4.1 **Part – I (Technical Bid)** shall contain:

- **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 outright.
- **Refundable Earnest Money Deposit (EMD)** of Rs. 20,000/- (Rs. Twenty Thousand only) in the form of DD / Pay Order favoring C-DAC payable at Noida. Offers without EMD shall be rejected outright.
- Technical proposal with full details along with relevant supporting technical literature description of hardware / equipments to enable us to do the technical assessment of the proposal. This shall also include a categorical clause-wise compliance statement.
- **An Undertaking**, as stated in Clause No. 2 (Eligibility Criteria)-
- **Prequalification Criteria** (as per enclosed Performa I & II) along with all the supporting documents.
- The detailed Compliance Statement with Make and Model in the enclosed format (as per Annexure - A) along with relevant product brochure etc. In absence of proper Compliance Statement the bid is liable to be rejected.
- Acceptance to the terms and conditions laid down in the tender document. In case of any deviation from the general terms and conditions, the bid is liable to be rejected.
- The bidder should submit along with the technical bid, the detailed plan for providing installation and warranty services at site.

4.1.1 If the bidder chooses to use downloaded tender document then they have to submit an undertaking stating that they have not made any type of amendments / changes in the original tender document. In absence of such undertaking the tender is liable to be rejected.

4.1.2. Any other documents apart from Price Bid shall be enclosed in the Technical Bid.

**If the Technical Bid contains any price information the offer is liable to be rejected.**

4.2 Part – II (Price Bid) shall contain Only Price Schedule completed in all respects in the enclosed format as per Annexure – B with proper seal and signature of authorized person. Prices should be given in INR in both figures and words. There should not be any cutting or overwriting while filling the price schedule. In case of any ambiguity the entire tender is liable to be rejected.

**5 Opening of Technical Bid & Price Bid**

Only the technical bid will be opened on **20 4<sup>th</sup> January 2012 at 12 3:30 pm**. Interested bidders may attend the technical bid opening as per the schedule. Price Bid of only technically qualified bidders will be opened 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 reached to the

**Head (Material Management Group)**

Centre for Development of Advanced Computing (C-DAC),  
Anusandhan Bhawan, C-56/1, Institutional Area, Sector-62  
Noida-201 307

**Latest by 12 3:00 pm on 20 4<sup>th</sup> January 2012**

**END OF SECTION I**

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**SECTION II: INSTRUCTION TO BIDDERS (ITB)**

1. The Bid should be valid for minimum **Sixty Days (60 Days)** from the date of opening of Price Bid. C-DAC, Noida may ask bidders to extend the period of validity.
2. The **work completion schedule shall be within 24-15 days from the date of order.**
3. **Product Specifications & Compliance Statement:** The bidder should quote only for the specified brands which are in compliance to our technical specifications. Any deviations must be specifically and clearly mentioned in form of COMPLIANCE STATEMENT, as per enclosed Annexure A. In the absence of this, the bid is liable to be rejected. *Each page of the bid and cuttings / corrections shall be duly signed and stamped by the bidder. Failing to comply with this requirement may result in the bid being rejected.*
4. In case of any discrepancy between rates mentioned in figures and words, the latter shall prevail. If there is any discrepancy between the unit price and the total price, the unit price shall prevail and the total price shall be corrected.
5. C-DAC, NOIDA reserves the right to divide / split the order between more than one technically qualified bidder to meet the technical requirements and the Work Completion Schedule. The decision of C-DAC shall be final and binding on the bidder.
6. In the event of selection of more than one successful bidder, the same has to submit his written willingness to execute work at the L1 rates.
7. **EMD** is liable to be forfeited and bid is liable to be rejected, if the bidder withdraws or amends impairs or derogates from the tender in any respect within the validity period of the tender.
8. The **EMD** of all the unsuccessful bidders will be returned as early as possible within the Bid Validity period but not before 30 days of the issue of the Work Order. No interest will be payable by C-DAC on the EMD. The Earnest Money of successful bidder shall be returned along with 90% payment.
9. C-DAC Noida reserves the right to increase or decrease the Bill of Material (BOM) as per the requirement without any change in the quoted rates and the same shall be binding on the successful bidder(s) at the quoted rates till SIX MONTHS from date of work order/PO.
10. Rates should be quoted towards Supply, Installation, Testing, Commissioning, & Maintenance of Supplies / Materials given under Scope of Work of Section I accordingly by giving the basic price, VAT, Service Tax, etc wherever applicable. The rates should be quoted in **Indian Rupees** for the entire job to be done at site BOTH IN FIGURES & WORDS.
11. Govt. Levies like VAT, Service Tax etc. shall be paid on actual rates as applicable from time to time.
12. 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, or open offers in any form shall not be considered. Late / Delayed offers shall not be accepted under any circumstances. Incomplete offers are liable to be rejected. In case the specified date for the submission of offers being declared as a holiday for C-DAC, the bid-closing deadline shall stand extended to the next working day up to the same time.
13. Any attempt of negotiation on the part of the bidder (other than the negotiation permitted with the negotiation committee duly formed by C-DAC), directly or indirectly, after submission of tender, with the authority to whom he has submitted the tender or authority who is competent to finally accept it. 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 Bidder's tender liable to be rejected.
14. In order to clarify any points related with any of the clauses or scope of work / services to be executed under the contract, a **PRE-BID MEETING is scheduled on 12<sup>th</sup> January 2012 at 11.30 am in the conference hall at our office.** Any clarifications sought may be submitted in writing to Head / MMG at C-DAC, Anusandhan Bhawan, C-56/1, Institutional Area, Sector-62, Noida **latest by 4 pm on 9.1.2012.**
15. **Unsatisfactory Performance:** C-DAC shall have the sole right to assess the performance of the tendered equipment(s) / components, primary / intermediate and or final, and reject the same without assigning any reason / explanation to the bidder if the performance is found to be unsatisfactory as per norms of C-DAC. The decision of C-DAC will be final and binding on the supplier.
16. **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.

**17. Declaration:**

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

**“I/WE UNDERSTAND THAT THE DETAILS OF THE SALES & 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 / REDUCING 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**

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**SECTION III: SPECIAL CONDITIONS OF CONTRACT (SCC)**

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1. **Price Basis** should be **F.O.R. CDAC, Noida in INR only**. Price quoted should be in the prescribed format as per **Annexure B**. No "Form C / D shall be issued. The quoted price will be considered firm and no price escalation will be permitted till completion of works in all respects.
2. **Order Placement and Release of Payment**  
The purchase order and payment shall be processed by :  
Materials Management Group  
Centre for Development of Advanced Computing (C-DAC)  
Anusandhan Bhawan,  
C-56/1, Institutional Area, Sector-62,  
Noida-201307
3. Separate Billing towards supply & installation should be done in the name of **Centre for Development of Advanced Computing (C-DAC) C-DAC, Anusandhan Bhawan, C-56/1, Institutional Area, Sector 62, Noida**. The payment shall be released on the basis of the actual measurement and actual bill of material used, duly certified by our authorized representative at site.
4. **Payment Terms**  
**Supply:** 90% of payment of supply to be made on Pro-Rata basis after the supply of material as proven by the Delivery Challan along with the Invoice duly certified by our authorized representative at site.  
**Installation:** 90% of payment to be made on Pro-Rata basis after submission of bill duly certifying that particular work of installation against the invoice submitted by our authorized representative.  
Balance 10% towards supply and installation after successful completion of entire work against
  1. **Satisfactory work completion report** duly signed and verified towards total work and also the entire handover of the fully functional site by our authorized representative of CDAC.
  2. **Performance Bank Guarantee** valid for the warranty period, given in clause no. 6 as below, towards 10% of actual order value (to be computed after completion of entire job done) from any scheduled bank.
5. **Penalty for Delayed Services**  
Penalty / Liquidated Damages shall be charged @ 0.5% of the contract value per **day** subject to maximum of 5% of actual order value (to be computed after completion of entire work), in case of delay beyond the stipulated time period as to be given in the Work Order.
6. **Warranty**  
All the items covered in the schedule of the requirements / Bill of Material (BOM), shall carry **Three Years Onsite Comprehensive Warranty** with 4 hours response time (including Labour, maintenance, troubleshooting, installation of OS, Formatting PC, replacing Faulty Spares etc), to be commencing from the date of completion of entire job and handing over the entire site fully functional and in good condition by submitting a Work Completion Report jointly signed and accepted by C-DAC, Contractor(s) & Client. The service support / warranty services have to be provided at **CDAC, Noida**. The repairing / rectification, if any of the items under warranty must be done at site only. The bidder should submit along with the technical bid, the detailed plan for providing installation and warranty services at site.
7. **Insurance:** Along with this insurance for one year against **theft, burglary, fire, damage, etc.,** should be taken care off for the entire Schedule of Requirements given in Annexure A. The cost of the same shall be given in the Price Bid.
8. **Measurements of Work Done:** C-DAC's representative shall, except as otherwise provided, ascertain and determine by measurement the quantum of material supplied and work done at site including its value in accordance with the terms and conditions of the contract. The installed systems will be jointly inspected by a team of Vendor, CDAC and Customer before taking over the same.

**END OF SECTION III**

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## Annexure A Technical Compliance Statement

### Minimum Required Specifications for Outdoor IP Camera (Qty: 8 Nos.)

S.No	Features	Details	Technical Specs quoted by bidder	Bidders Deviation if any
1	Preferred Make	LG / SONY / AXIS / PANASONIC/AMERICAN DYNAMICS		
2	Placement of Camera	Outdoor		
3	Working condition	Day and Night Vision (B/W Mode)		
4	Image sensor	1/3 CCD or 1/3 CMOS		
5	Resolution	704x576(PAL)		
6	Lens	Vari focal 2.8 - 10 mm		
7	Compression	H.264		
8	Image/Motion JPEG	JPEG Real Time (Dual Mode)		
9	Frames	25 fps in all resolution or better		
10	Supported protocol	RTP,UDP, TCP, IP HTTP, HTTPS, FTP, DHCP, IGMP,RTCP,RTSP		
11	Minimum Illumination	0.2 Lux for Color and upto 0.007 Lux for B/W or better		
12	Enclosure	IP66		
13	Shape	Cubic shape		
14	Detection	Motion Detection, Alarm		
15	Operating Temperature	-5° C to +50° C		
16	Humidity	10 to 90%		
17	Audio	Audio Input Inbuilt/External (To be supplied, if external)		
18	Power Supply	240V AC ± 10 %		
19	Analog performance	540 TVL	Deleted	Deleted
20	Shutter Time	1/50 to 1/50000 Sec		
21	Minimum Range	50 Meters		
22	Network Connectivity	RJ-45 10BASE-T/100BASE-TX		
23	Certificate	CE, FCC		
24	Local Storage	SD/SDHC memory card slot with 4 GB card(If 4GB card external, to be supplied)		
25	Power over Ethernet (PoE)	Must		
26	Free SDK	Image capture, video recording and streaming video		
27	Warranty	3 Years		
28	Technical Support	Yes		
29	IR Illuminator	Inbuilt or External (In case of external, to be supplied along with camera)		

**Minimum Required Specifications for Indoor IP Camera (Qty: 12 Nos.)**

S.No	Features	Details	Technical Specs quoted by bidder	Bidders Deviation if any
1	Preferred Make	LG / SONY / AXIS / PANASONIC/AMERICAN DYNAMICS		
2	Placement of Camera	Indoor		
3	Working condition	Day and Night Vision (B/W Mode)		
4	Image sensor	1/3 CCD or 1/3 CMOS		
5	Resolution	704x576(PAL)		
6	Lens	Vari focal 2.8 - 10 mm		
7	Compression	H.264		
8	Image/Motion JPEG	JPEG Real Time (Dual Mode)		
9	Frames	25 fps in all resolution or better		
10	Supported protocol	RTP,UDP, TCP, IP HTTP, HTTPS, FTP, DHCP, IGMP,RTCP,RTSP		
11	Minimum Illumination	0.2 Lux for Color and upto 0.007 Lux for B/W or better		
12	Enclosure	IP66	Deleted	Deleted
13	Shape	Dome shape		
14	Detection	Motion Detection, Alarm		
15	Operating Temperature	-5° C to +50° C		
16	Humidity	10 to 90%		
17	Audio	Audio Input Inbuilt/External (To be supplied, if external)		
18	Power Supply	240V AC ± 10 %		
19	Analog performance	540 TVL	Deleted	Deleted
20	Shutter Time	1/50 to 1/50000 Sec		
21	Minimum Range	50 Metres		
22	Network Connectivity	RJ-45 10BASE-T/100BASE-TX		
23	Certificate	CE, FCC		
24	Local Storage	SD/SDHC memory card slot with 4 GB card(If 4GB card external, to be supplied)		
25	Power over Ethernet	Must		
26	Free SDK	Image capture, video recording and streaming video		
27	Warranty	3 Years		
28	Technical Support	Yes		
29	IR Illuminator	Inbuilt or External (In case of external, to be supplied along with camera)		

**Minimum Required Specification for Central Monitoring System (Qty: 4 Nos.)**

S.NO	FEATURES	Details	Technical Specs quoted by bidder	Bidders Deviation if any
1	Number of channels	100 or more		
2	Video compression	H.264		
3	Event recording	Events triggered by video motion detection		
4	Logs	Alarm, event and audit logs		
5	Image enhancement	Yes		
6	Camera live view	Yes		
7	No of camera view in single window	15 or more		
8	Video Recording	Yes		
9	Time stamping	Yes		
10	Location Information Description	Yes		
12	Report Generation	Yes		
13	Supported Platform	Windows		

## Annexure B Price Bid

Sl. No	Items	Qty (No.)	Make / Model	Price		Tax		Total (Price + Tax)		Grand Total
				Supply	Installation	Supply	Installation	Supply	Installation	
1	Outdoor IP Camera	8 Nos.								
2	Indoor IP Camera	12 Nos.								
3	Central Monitoring System (TO BE SUPPLIED FREE ALONG WITH CAMERAS)	4 Nos.		NA	NA	NA	NA	NA	NA	NA
4	One Year Insurance									
5	Onsite Comprehensive Annual Maintenance Contract (AMC) Cost for the 4 <sup>th</sup> Year									

Place:  
Date:

Name, Signature & Seal of Bidder

**PRE-QUALIFICATION – PROFORMA-I**

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

1.	Name of the Contractor / Organization / Firm / Company / Agency	
2.	Year of establishment	
3.	Address & Telephone Numbers	
4.	Address & Telephone Numbers of Service Centre / Branch Office in Delhi (NCR), preferably in Delhi. Mention the names and mobile numbers of contact persons.	
5.	Status of the firm (Company/ Firm/ Proprietary) enclose the supporting document	
6.	Whether registered with the registrar of companies /registrar of firms. If so, mention number and date.	
7.	a) Name & Mobile Numbers of Directors / Partners / Proprietor	i) ii) iii)
8.	Whether registered with Central Excise for Service Tax. Please submit a copy of Service Tax Registration Certificate.	
9.	Whether registered for sales tax purposes. If so, mention number and date. Furnish also copies of sales tax clearance certificate. Mention the VAT / CST enclose the relevant copies	
10.	Whether an assessee of income tax. If so, mention permanent account number. Furnish copy of PAN	
11.	State Annual turnover of the company for the last financial year. Furnish the copy of audited Annual Turnover Certificate for the last three financial years.	
12.	Furnish copies of audited balance sheet and profit & loss account (audited) for the last three years.	
13.	Specify the maximum value of single work executed in the year in the country as mentioned in clause 2 of section I of this tender document. Enclose the order copies.	
14.	Status and details of disputes/ litigation/ arbitration, if any.	i) ii) iii)
15.	Primary Contact Details for technical clarifications (Name, Mobile number & E-mail)	

Note: Copies required to be furnished are to be certified preferably by the concerned agencies or a Government Officer

Place:

Date:

Signature of the Contractor

**PRE-QUALIFICATION PROFORMA – II**

PARTICULARS IN RESPECT OF 2 / 3 SIMILAR WORKS EXECUTED IN LAST 3 YEARS

Sl. 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

Note: Copies required to be furnished are to be certified preferably by the concerned agencies or a Government Officer

Place:

Date :

Signature of the contractor