



Centre for Development of Imaging Technology (C-DIT)
Chithranjali Hills, Thiruvallom, Tvpm-695 027
Phone: 2380910/ 912/ 895 Fax: 2380681

Tender

Extract of Public Notice:

Tender Number: No. No. C-DIT/3/EGT-VC/11/T 309 Dated 08.12.11

 www.cdit.org	Centre for Development of Imaging Technology (C-DIT) Chithranjali Hills, Thiruvallom, Tvpm-695 027 Phone: 2380910/ 912/ 895 Fax: 2380681
TENDER NOTICE	
No. C-DIT/3/EGT-VC/11/T 309 Dated 08.12.11	
C-DIT invites sealed competitive bids for the supply and Installation of 1) Video Conferencing Equipments- 4 Nos 2) Plasma/ LCD- 42" TV-4 Nos 3) Mic Cable-1 on buy back basis. Full details are given in our Website: www.cdit.org. Last date for receipt of sealed tenders along with EMD is 22.12.11 at 3 PM. The tenders will be opened at 3.30PM, same day.	
Sd/ REGISTRAR	

Terms & Conditions and detailed specifications:

- 1. Scope of work: Supply & Installation of VC Equipments, Plasma/LCD TV's & Mic Cables at Site.**

TECHNICAL SPECIFICATION

1. Specification for High Definition Video Conferencing System:

Sl. No	Details	Compliance Yes / No	Remarks

1.	<p>System:</p> <p>The proposed system must support PAL with a PTZ camera, microphone array with mute button on the Mic, wireless remote control, etc. The codec must be based on industry standards wherever possible such as the H.323 and SIP umbrella standards for IP – based audio/video and H.320 umbrella standard for ISDN - based audio/video.</p>		
2.	<p>MAKE AND MODEL : Specify and include Brochures</p>		
3.	<p>Full HD Video Conferencing Equipment:- Both the Video Conferencing Camera and Codec should be (1920x1080) resolution supported Full High Definition</p>		
4.	<p>Camera : 1/3" - CMOS HD Camera, 2 or more mega pixels with 10X or more optical zoom, +- 100 deg pan range, +20/-30 deg tilt range, minimum 10 camera presets, Auto/manual focus, Auto white balance, Back light compensation etc</p>		
5.	<p>Bit Rate ; System should be able to connect at 64 kbps to 6Mbps or more on IP(H.323) and 56 kbps – 384 Kbps on ISDN (H.320)</p>		
6.	<p>Net work: 10 Base – T / 100 Base – TX x 2 Dual Network Interfaces for easy switching between LAN & WAN connections. ISDN Unit Interface x 1</p>		
7.	<p>Future Upgradability:</p> <p>1. It should have the Capability to upgrade for making Multi - Point calls simultaneously to 4 -6 locations on IP and ISDN, System should support in-built Transcoding feature for making mixed calls on ISDN & IP up to 4-6 sites for simultaneous connectivity.</p> <p>2. System should be upgradable for Data sharing (H.239), any image like MSW, MSP & MSE displayed on a PC/Laptop can be sent or received in native SXGA resolution.</p>		

	3. Continuous presence mode with voice activated switching up to 4-6 sites is required during multi conferencing		
8.	For various connectivity to audio and video device , the system should support following pair of input and output ports for integration Audio Input: Mic input x 2, EC Mic input x 2, Audio Input(Mic/Aux x 2) Audio Output: HDMI(Video/Audio) x 1, Line out (RCA pin, stereo) x 1, Record out (RCA Pi stereo) x1 Video Output: HDMI (Video/Audio) x 1, RGB x 1 Video Input: Aux Video Input(S-Video x 1, Analog component Y/PB/PR x 1 RGB x 1)		
8	Should support following ITU-T – standards : H.221, Bonding, H.225.0, H.242, H.243, H.245, H.350, H.460.18, H.460.19		
9	Should Support Following Net Work Protocols : TCP/IP, UDP/IP, RTP/RTCP, DHCP, DNS, SNMP, TELNET, SSH, HTTP, HTTPS, NTP, PPPoE, UPnP, IPv6		
10	System should support Live Video resolution of 1920x1080 or more and deliver High definition video at 60fps. Backward compatibility with SD system also required		
11	Facility to add Additional Camera and Microphones are required. System should be capable to do Automatic Gain Control, Noise reduction and must have Instant Stereo Echo Cancellation for better audio reception		
12	Screen Lay out: It should be possible to see both the near and far site on different Screen layout viz. Full screen, Picture in Picture, Picture and Picture, Side by Side etc., thus making most efficient use of a single display area.		
13	RF or Infra red hand held remote control and inbuilt capability to choose different video inputs from a single press of a button while video conferencing required		
14	Built In streaming should be Possible to view and listen the video conferencing session from almost any		

	location that has access to a network.		
15	QoS : Forward Error Correction, Adaptive Rate Control, Auto Repeat Request etc should be present in the system for enhancing picture quality.		
16	System must support AES encryption facility, Secure Video Conferencing over a network should be possible using H.233, H.234 & H.235 Ver.3		
17	Site name display facility required to track all parties during multi conference		
18	There should be a facility available to record the Audio/video/Data of the conferencing session within the system or thru external equipments		
19	Authorization Letter: The supplier should be an Authorized Sales / Service provider of the Video Conferencing Equipments and an original Authorization Letter from the Manufacturer should be submitted as a proof along with the tender.		
20	The vendor should provide 3 years onsite support and warranty for the quoted product. The Vendor should have a back-to-back support from the OEM of the VC System provider. Any upgrades and updates available during the 3 years shall be made available at no extra cost during these 3 years.		

2. Specification for Display Device

SL. NO.	ITEM	DESCRIPTION	QUANTITY
1.	LCD TV	42" Wide Screen 1920 x1080, LCD, 120 HZ or Higher with HDMI input for Connecting High Definition Video Conferencing Equipment	04
2.	PLASMA TV	42" Wide Screen 1920 x1080, with HDMI input for Connecting High Definition	04

		Video Conferencing Equipment	
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3. Specification for MIC Cable

SL. NO.	ITEM	DESCRIPTION	QUANTITY
1.	MIC Cable	MIC Cable for POLYCOM HDX 7001 (Cable No. 23216-001)	01

Delivery & Installation at:

I. VCE- District Collectorate of Alappuzha, Kozhikode
Vikas Bhavan, Thiruvananthapuram
Kerala House, New Delhi

II. Plasma/ LCD TV- District Collectorate of Alappuzha, Kozhikode
Vikas Bhavan, Thiruvananthapuram
Kerala House, New Delhi

III. Mic Cable- District Collectorate, Kasargod

Warranty of all items except Cable should be minimum 1 year from the date of supply & installation. The Supplier should provide on site warranty and maintenance support. The AMC rate applicable after the warranty period may also be mentioned.

(Tenderer should be Mfr/ authorized dealer/ reseller of branded products. The Supplier should deliver the item within 21 days (except Server) from the date of receipt of confirmed purchase order. The installation should be completed within 3-5 days thereafter. Payment will be made only after successful installation at site. EMD will be 2% of the quoted value, to be submitted in the form of DD/BC or BG favouring Registrar, C-DIT

payable at Thiruvananthapuram. Security Deposit will be @ 5% of the order value should be submitted in the form of DD/BC or BG or 5% will be deducted from the payment and retained as SD for a period of 1 year.)

* (There is no tender form. Tenderer should submit the offer on their own letter head along with a processing fee of Rs.1,000 +4% VAT (in the form of DD/BC in favour of Registrar, C-DIT payable at Thiruvananthapuram) and duly signed and sealed downloaded terms & conditions and specifications given in the net + EMD @ 2% of the quoted value (in the form of DD/BG/BC favouring Registrar, C-DIT payable at Thiruvananthapuram). If the tenderer is eligible for exemption from submission of EMD, he shall produce exemption certificate from relevant authorities at the time of bid opening. (Those having valid SSI Registration in the field of Mfr/ service and if quoted for that service/ item, that Enterprise will be exempted from submission of EMD).

General Conditions:

1. The EMD of unsuccessful tenderer's will be returned as soon as the formalities are completed after award, and the EMD of the successful tenderer will be released when the successful tenderer has executed an agreement (as in Annexure-iii) and as soon as the SD is submitted. The EMD/BG submitted by all tenderers are liable to be forfeited in case the tenderer withdraws his tender or enhances the prices during the validity period.
2. Delivery time required has to be specified clearly in the quotation.

3. The price quoted by the Supplier should be inclusive of all taxes, freight, and installation. The appropriate rates should be shown clearly in the invoice
4. No additional charge for installation at various sites.
5. Non compliance with any of the contractual provision by the Supplier shall result in the termination of the contract.

6. Deviation in Delivery Schedule: Any deviation in agreed delivery schedule will attract penalty as per C-DIT's Procurement Policy. If the delivery at site is not made within the scheduled dates, liquidated damages, not penalty amounting to ½ % of contract value shall be levied from the supplier per week of delay or part thereof for delay up to 15 days from the scheduled date of supply subject to a maximum of 5% of contract value. Further in case of delays beyond a grace period of 15 days, C-DIT reserves the right to cancel the order without further notice

7. Authority: The authority for the acceptance of the tenders wrest exclusively with C-DIT. The C-DIT does not undertake to accept the lowest or any particular tender or assign any reason whatsoever for the rejection of any tender.

8. Payment terms: The following terms of payment shall be applicable for the contract -100 % payment within 15-20 days time after successful supply & installation/ completion of work and on certification from competent authority from C-DIT.

9. Default in execution schedule: In case the Contractor fails to complete the work within the time provided for, or the contractor commits any breach of the contract, it shall be lawful for the society to cancel the contract at the risk and cost of the contractor.

10. Other conditions: a) The contractor shall undertake to supply/ use materials according to the relevant national/ international standards/specifications. No representation of enhancement of rates once accepted will be considered. The rates should be valid for atleast 3 months from the date of release of first confirmed order b) Any deviation in the specifications in comparison with the requirement should be clearly brought to the notice of C-DIT

SPECIAL CONDITIONS:

1. TV- Both options (Plasma & LCD) should be quoted. One of them will be selected, based on necessity, price & features.
2. Buy back option: The present purchase is for replacing the damaged & outdated equipments. The VC Equipments are currently not working. Existing TV's are in working condition.
3. The brands to be quoted are to be compatible with existing equipments and other leading brands.

In case of doubt or for further clarifications or for pre bid meetings- contact Mr.Vinod.N, Team Leader, E-Governance Team @ Mobile Number-9895788233.

II. C-DIT Regional Centre at Kayamkulam requires 7 numbers of Desktop PC's and 2 numbers of Laserjet Printers. The Specification and details are given below.

I. Desktop PC's

SL. NO.	ITEM	DESCRIPTION	QUANTITY
1	Desktop PC's (Branded)	Intel Core i3, Intel Original Motherboard, 2GB DDR3 RAM, 320GB SATA HDD, DVD Writer, Multimedia Keyboard, Optical Scroll Mouse, 18.5" TFT Monitor, Windows 7 Ultimate/	4 Nos

		Professional (32 bit)	
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2. Laserjet Printer

SL. NO.	ITEM	DESCRIPTION	QUANTITY
1	Laserjet Printer	HP 1007 or eqv	2 Numbers

No processing fee. EMD @ 2% and SD @ 5% is applicable. Warranty should be minimum one year. Separate quotation should be submitted for II. The supply & installation should be done at Kayamkulam. The clauses in General Conditions mentioned above is applicable. For further clarifications- contact- Ms.Jeena Subash @ Phone: 0479-2449747.

Sd/ Regi V.Mathew
Senior Manager (Purchase)
C-DIT

For REGISTRAR, C-DIT
Dated 08.12.11

Annexures:

ANNEXURE I
PROFORMA FOR BANK GUARANTEE IN LIEU OF EARNEST MONEY DEPOSIT
(To be stamped in accordance with Stamp Act)

Bank Guarantee No.

Date :

Ref :-

To

Centre for Development of Imaging Technology
Chitranjali Hills
Thiruvallom, Thiruvananthapuram – 695 027 (India)

Dear Sirs,

WHEREAS in response to your Tender Notification No. due on* M/s having its registered office at (hereinafter called "Tenderer") wish to participate in said tender for as specified AND

WHEREAS an irrevocable bank guarantee in lieu of cash deposit for an amount of valid for*** days from is required to be submitted by the Tenderer as a condition precedent for participation in the said tender, which amount is liable to be forfeited on the happening of any contingencies mentioned in the Tender documents.

We, the at having our Head Office at (hereinafter referred to as "the Bank") do hereby undertake to pay immediately on demand to the Centre for Development of Imaging Technology, Chitranjali Hills, Thiruvallom, Thiruvananthapuram - 27 (hereinafter called C-DIT) an amount of Rs. (on words and figures) without any reservation, protest, demur and recourse. Any such demand made by C-DIT shall be binding on us irrespective any dispute or difference raised by the Tenderer.

Ref

To

Centre for Development of Imaging Technology
Chitranjali Hills
Thiruvallom, Trivandrum 695 027

Dear Sirs,

In consideration of Centre for Development of Imaging Technology
(herein after referred to as C-DIT, which expression shall unless repugnant
to the context or meaning thereof include its successors, administrators
and assigns) having awarded to M/s.

..... with its Registered / Head
Office at (herein after referred to as the
"Contractor"/which expression shall unless repugnant to the context or
meaning thereof, include its successors, administrators, executors and
assigns), a contract by issue of C-DIT's letter of intent/Purchase Order No.
..... dated

and the same having been unequivocally accepted by the Contractor
resulting in a contract, bearing ref. No.
dated Valued at.. for

..... and the contractor
having agreed to provide a contract performance Guarantee for the
faithful performance of the entire contract in lieu of Cash/Security Deposit
equivalent to 5% (five percent) of the said value of the Contract to C-DIT.

We the Bank (Name & Address)
having our Head Office at
..... (hereinafter referred to
as the "Bank", which expression shall, unless repugnant to the context or
meaning thereof, include its s, administrators, executors and assigns) do
hereby guarantee and undertake to pay the C-DIT, on demand any and
all moneys payable by the Contractor to the extent of
..... as aforesaid at any time upto
.....** (days/month/year) without any
demur, reservation, contest, recourse or protest and/or without any
reference to the contractor. Any such demand made by the C-DIT on the
Bank shall be conclusive and binding notwithstanding any difference
between the C-DIT and the Contractor or any dispute pending before
any Court, Tribunal, Arbitrator or any other authority. The Bank undertakes
not to revoke this guarantee during its currency without previous consent
of the C-DIT and further agrees that the guarantee herein contained shall
continue to be enforceable till the C-DIT discharges this guarantee.

The C-DIT shall have the fullest liberty without affecting in any way the
liability of the Bank under this guarantee, from time to time, to extend the
time for performance on the contract by the contractor. The C-DIT shall
have the fullest liberty, without affecting this guarantee, to postpone from
time to time the exercise of any powers vested in them or of any right
which they might have against the Contractor and to exercise the same
at any time in any-manner, and either to enforce or forbear to enforce
any covenants, contained or implied, in the contract between the C-DIT
and the Contractor or any other course or remedy or security available to
the owner. The bank shall not be released of its obligations under these
presents by any exercise by the C-DIT of its liberty with reference to the
matters aforesaid or any of them or by reason of any other act or
forbearance or other acts of omission or commission on the part of the C-
DIT or any other matter or thing whatsoever which under law would, but
for this provision have the effect of relieving the Bank.

The Bank also agrees that the C-DIT at its option shall be entitled to
enforce this guarantee against the Bank as a Principal debtor in the first
instance without proceeding against the Contractor and notwithstanding
any security or other guarantee that the C-DIT may have in relation to the
contractor's liabilities.

Notwithstanding anything contained herein above our liability under this
guarantee is restricted to and it
shall remain in force up to and including.. and shall be extended from
time to time for such period (not exceeding one year) as may be desired

by M/s. on
whose behalf this guarantee has been given :

Dated this day of 200 -
..... at

(Signature)
(Banker's Rubber Stamp)

WITNESS

(Signature).
(Name).

(Name) (Designation with Bank stamp)

(Official Address) Attorney as per power of
..... Attorney No.
.....

Date

Notes:

The Stamp papers of appropriate value shall be purchased in the name of
Guarantee issuing Bank.

**The date will be the expiry date of the guarantee period as specified in
the Contract.

ANNEXURE III
PROFORMA OF "AGREEMENT"
(To be executed on non-Judicial Stamp Paper)

This Agreement made this. day of Two thousand and Between Centre for Development of Imaging Technology, a Society, registered under the Travancore-Cochin Literary, Scientific and Charitable Societies Registration Act XII of 1955, having its registered Office at Chitranjali Hills, Thiruvallom, Trivandrum 695 027 (hereinafter referred to as "C-DIT" which expression shall include its administrators, successors, executors and assigns) of the one part and a company/firm incorporated under the.. having its registered Office at (hereinafter referred to as the "Contractor" or "X" (brief name of contracting Co.) (which expression shall include its administrators, successors, executors and permitted assigns) of the other part.

WHEREAS C-DIT has invited bids for (briefly describe scope of the (work) as per its specification Ref. No.

AND WHEREAS..... "X" had participated in the above referred bidding vide their proposal No. dated and C-DIT accepted their aforesaid proposal and awarded the dated and C-DIT accepted their aforesaid proposal and awarded the contract to. "X" on terms and conditions contained in its letter of Indent/Purchase Order No. dated And the documents referred to therein, which have been accepted by "X" resulting into a "Contract"

NOW THEREFORE THIS DEED WITNESSETH AS UNDER :-

Article 1.0 AWARD OF CONTRACT

C-DIT has awarded the contract to "X" for the work of on the terms and conditions contained in its letter of Indent/Purchase Order No. dated and the documents referred to therein. The award has taken effect from.i.e. the date of issue of the aforesaid Letter. The terms & expressions used in this Agreement shall have the same meaning as are assigned to them in the "Contract Documents" referred to in the succeeding Article.

Article 2.0 CONTRACT DOCUMENTS

The Contract shall be performed strictly as per the terms and conditions stipulated herein and in the following documents attached herewith (hereinafter referred to as "Contract Documents").

Article 3.0 CONDITIONS & CONVENANTS

The scope of Contract, Consideration, Terms of payment, price Adjustment, Taxes wherever applicable, Insurance, liquidated Damages, performance, Guarantee and all other terms and conditions are contained in C-DIT's Purchase Order No. dated read in conjunction with other aforesaid Contract documents. The Contract shall be only performed by the Contractor strictly and faithfully in accordance with the terms of the Agreement.

The scope of work shall also include supply and installation of all such items which are not specifically mentioned in the contract Documents, but which are needed for successful, efficient, safe & reliable operation of the equipment unless otherwise specifically excluded in the specifications under "exclusions" or Purchase Order.

TIME SCHEDULE: Time is the essence of the contract and schedules shall be strictly adhered to. "X" shall perform the work in accordance with the agreed schedule as given in letter of Indent/Purchase Order.

The Contractor guarantees that the equipment package under the contract shall meet the ratings and performance parameters, as stipulated in the Technical Specifications (Volume II) and in the event of any deficiencies found in the requisite performance figures, the C-DIT may at its option reject the equipment package or alternatively accept it on the terms and conditions and subject to levy of the liquidated damages in terms of Contract Documents. The amount of liquidated damages so leviable shall be in accordance with the Contract Documents and without any limitation.

It is further agreed by the Contractor that the Contract performance Guarantee shall in no way be construed to limit or restrict the C-DIT's right to recover the damages/compensation due to short-fall in the equipment performance figures as stated in para 3.4 above or under any other clause of the Agreement. The amount of damages/Compensation shall be recoverable either by way of deduction from the contract price, contract performance guarantee and/or otherwise.

The Contract performance Guarantee furnished by the Contractor is irrevocable and un-conditional and the C-DIT shall have the powers to

invoke it notwithstanding any dispute or difference between the C-DIT and the contractor pending before any court, tribunal, arbitrator or any other authority.

This Agreement constitutes full and complete understanding between the parties and terms of the presents. It shall supersede all prior correspondence to the extent of inconsistency or repugnancy to the terms and conditions contained in the Agreement. Any modification of the Agreement shall be effected only by a written instrument signed by the authorised representatives of both the parties.

Article 4.0 SETTLEMENTS OF DISPUTES

It is specifically agreed by and between the parties that all the differences or disputes arising out of the Agreement or touching the subject matter of the Agreement shall be decided by process of settlement & Arbitration as specified in clause.. and of the conditions of the contract and the provisions of the Indian Arbitration Act, 1940 shall apply and Kerala Courts alone shall have exclusive jurisdiction over the same.

NOTICE OF DEFAULT

Notice of default given by either party to the other party under the Agreement shall be in writing and shall be deemed to have been duly and properly served upon the parties here to if delivered against acknowledgement or by telex or by registered mail with acknowledgement due addressed to the signatories at the addresses mentioned hereinabove.

IN WITNESS WHEREOF, the parties through their duly authorised representatives have executed these presents (execution where of has been approved by the competent authorities of both the parties) on the day, month and year first above mentioned at Trivandrum.

WITNESS

C-DIT

1.

(Signature)
(Name)

2.

(Designation)
(Seal)

1.

(Contractors signature)
(Designation)
(Seal)

2.