



National Institute of Plant Health Management

Department of Agriculture & Cooperation

Ministry of Agriculture, Government of India



रा व स्वा प्र सं
NIPHM

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F. No. NIPHM/ICT/13/Video Conf/2013/33

Dated: 18/10/2013

To

(As per list *)

**(The tender document is also being uploaded on the NIPHM website <http://niphm.gov.in> and the other prospective bidders can make use of the document down loaded from the website)*

Sub: - Limited Tender for providing Video Conference facility - reg.

* * *

Sir/Madam,

National Institute of Plant Health Management (NIPHM) invites 'Sealed Bids' from the reputed manufacturers/authorized distributors/dealers for providing "video conference facility" Detailed terms and conditions and list of items required may be downloaded from the NIPHM website <http://niphm.gov.in>

The schedule of receipt and opening of quotations is as under:-

Last date and time for receipt of bids : 14:00 hrs on
01/11/2013.

Date & Time for opening of bids :: 15:00 hrs on
01/11/2013.

**Data Base Administrator
for Registrar i/c**

TERMS AND CONDITIONS:

I. GENERAL INSTRUCTIONS TO THE BIDDERS:

- a. Any offer made in response to this tender when accepted by NIPHM will constitute a contract between the parties.
- b. Tenderer is exempted from Earnest Money Deposit.
- c. The Contract shall be interpreted under Indian laws and all disputes will be resolved **within Hyderabad Jurisdiction**. In case of any dispute, the decision of NIPHM, Hyderabad shall be final and binding.
- d. The supplier will be fully responsible for any loss in transit and will also be responsible for safe delivery of the goods/stores in good conditions at NIPHM.
- e. Quotation should be valid for a minimum period of SIXTY DAYS from the date of opening of tender. The sealed quotation superscribing on the envelop **“Quotation for providing Video Conference Facility with tender no. and due date”** should reach on or before the specified date and time to the Registrar NIPHM, Rajendranagar, Hyderabad-500 030.
- f. The NIPHM takes no responsibility for delay, loss or non-receipt of quotations/documents sent by post and reserves the right to accept or reject any part/full of the quotation without assigning any reasons whatsoever.
- g. The price may be quoted either in Indian Rupees or Foreign currency. NIPHM will be providing duty exemption certificate towards foreign currency. If the rates quoted are in Indian Rupees, the same should be inclusive of all charges such as Octroi, packing, forwarding, insurance and loading, unloading, freight and clearance etc. and bidder should undertake to supply goods at NIPHM at his cost.
- h. Tenders received after due date and time shall be rejected.
- i. The VAT/Sales/General taxes where legally leviable and intended to be claimed should be distinctly shown along with the price quoted. Where this is not done it will be treated that the price is inclusive of VAT & other taxes. VAT/CST registration No. and date of its validity should be indicated. This Institute will not provide “C” & “D” forms, hence quote may include the taxes actually leviable. The firm must quote their TIN No. , PAN No., (IT returns) VAT registration no. etc. in the quotation (attested copies to be enclosed).
- j. The rates should be mentioned clearly in both figures and words for each item in the quotation. If there is any variation in figures and rates quoted in words will be taken in to consideration. The overwriting, cutting, erasing, if any should clearly be duly attested.
- k. The categories of items and quantity indicated in the Tender Document are tentative. NIPHM reserves the right to increase or decrease the quantity or delete some or all the items depending on the needs without assigning any reason at the time of award of purchase order.

- l. The bids should indicate clearly that the rates are with the delivery charges to the specific place of delivery as indicated by NIPHM. The rates would also include the installation charges.
- m. The Bidders should clearly indicate the availability of service and maintenance facilities for the items quoted at the place of installation during warranty period.
- n. For goods supplied locally, no advance payment or payment against Proforma invoice will be made. Payment will be made after receipt, inspection, installation and successful testing of the all the equipments supplied.
- o. Packing list giving description of the contents must be put on all packages.
- p. The delivery, installation and successful testing of the items must be completed within 30 (thirty) days from the date of award of contract to the successful bidder.
- q. **Corrupt or Fraudulent Practices:** Bidders should observe the highest standard of ethics during the procurement and execution of such contracts. “Corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of public official in the procurement process or in contract execution, and “Fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Purchaser and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial by non-competitive levels and to deprive the Purchaser the benefits of free and open competition.

NIPHM will reject a proposal if it is found that the Bidder recommended for award has engaged in corrupt or fraudulent practice(s) while competing for the contract in question.

II. CONDITIONS OF CONTRACT

- a. Sealed Quotations will be accepted from authorized dealers/ distributors/manufacturers for supply of Video Conference Systems in accordance with our specifications.
- b. In case of dealer/distributor should enclose the authorization letter from the manufacturer. Experience of manufacturer will be taken into account in respect of authorized dealer and distributor.
- c. In respect of manufacturers Gross Annual Turnover shall be more than Rs. 50.00 lakhs during the last financial year. In respect of authorized dealer, the turnover of the manufacturer will be taken into account. In respect of other bidder the annual gross turn over should be at least Rs. 30.00 lakhs during last financial year, for which they have to enclose copy of the annual accounts duly signed and attested by a Chartered Accountant. Proof to be submitted.
- d. The manufacturer, dealer/ distributor should have at least 3 years of experience in providing video conference facility *for which they have to enclose copies of purchase orders (Government PSU's/SAU/ Private Firms).*

III. TECHNICAL SPECIFICATIONS:

S. No	Technical Specification	Compliance	Qty.
1	<p>FULL HD (1080p) Multipoint (1+3) Video Conferencing System Specification: The VC terminal Should have 4 way calling; The VC Terminal shall be inclusive of One CODEC, One PTZ Camera, One Omni Microphone (MicPod), One High definition audio conference Phone with touch screen intuitive keypad, display and Remote Control. The MCU & IP ISDN Network Interface functionality, Cabinet, Audio system, Camera Stand, CODEC Stand, Camera Plate, Technical & Operation Manual with following general features.</p> <ul style="list-style-type: none"> • The system should support the following video standards -H.261, H.263, H.263+, H.264 • The system should support H.323, H.320 & SIP Simultaneously. • The System should work on Full HD Resolution 1080p30, 720p60,& 720p30 • The system must support 16:9 aspect ratio • The system should support minimum 60 or 30 frames per second from 128 kbps and beyond. • The system should support H.239 for data sharing • The system should support 2 Live HD 720p30 streams. <p>The system should have the following video inputs/ outputs -: Video Inputs : HD Camera (720p30), HD Video In (1080p30/720p60), DVI-I In (HDMI /VGA enabled) Video Outputs : HD Video Out (1080p30/720p60), DVI-I Video Out (1080p30/720p60) The system should have the following audio inputs/ outputs:- Audio Inputs : RJ-45 (Phone), Stereo Line In (3.5 mm), Mic In - Two channel (3.5 mm), HD Video In, DVI-In, HD Camera In (Focus) Audio Outputs : RJ-45 (Phone), Stereo Line Output (3.5 mm), HD Video Out, DVI-Out. Video Standards: H.261, H.263, H.263+, H.264 and H.239 and support for multiple dual live-streaming modes: 1080p30 and 720p5; 720p60 and 720p5; 720p30 and 720p30. Audio Standards: G.711, G.722, G.722.1, G.728, G.729 and MPEG-4-AAC-LC. System Components: CODEC with stand; HD PTZ Camera with 10X or higher; Phone; LS MicPod and Power supply & all required cables with adaptors. Communications: H.323, SIP, 128 Kbps–6.0 Mbps (point-to-point); 128 Kbps–2.0 Mbps (multipoint, per call); 1xRJ-45 Network LAN (10/100 Mbps); 1xRJ-45 for Phone (PoE supported); 1xRJ-45 for Networker (PoE supported); 1xRJ-11 for analog telephone line; 1x3.5 mm Mic In for MicPod. Fully Integrated, HD Audio Conference Phone : 90 Hz up to 16 kHz; Powered by codec directly through cable; Touch-screen user interface; Manage both HD video and audio; Support for up to two LS Digital MicPods /Phone. General: The system should support audio conferencing phone integration; The system should support 128 to 6 Mbps in a Point to Point call / Multi point on IP; The system should support 1 PRI and a backup of 1 BRI; The system should support dual HD Display Multipoint Features -: The system should support 4 party Full HDCP(1080p) multipoint; H.239 should be supported in a multipoint call; Any of the participant should be able to share H.239 data in a multipoint call; The system should be able to share Presentation on SIP in single point and multipoint calls.; It should be possible to disable multipoint option if required; The system should be able to connect each site at 2Mbps in a multipoint call Camera Feature: The camera should be Full HD; It should have separate PTZ Camera with min 10X Optical Zoom and wide angle view up to 65 Degree or higher; The Camera should be Auto Focus with AGC; The Camera also should have 1920x1080p @ 25/30 Frames/Sec resolution; Should support 2nd camera with PTZ capability; 10 camera presets (near or far end); Standard 3.0 M HDMI cable and DVI Cable; One additional Standard 3.0 M HDMI cable and DVI Cable each of minimum of 30 meters length each. Display layout: The endpoint should support various layouts : It should be possible to see each site individually in a big size as compared to the remaining three in a multipoint call to get a better view of any particular site as and when required; It should be possible to swap the presentation and video on the two screens so that the user can select on which screen the video should be shown and on which screen presentation is shown; The system should support Firewall traversal (H.460); The system should give SNMP alerts; The system should support IPV4 & IPV6; The multipoint system should have dual microphones/phones</p>	Yes/No	1 No.

	<p>to give good coverage in the conference rooms; The system should be able to deliver Full HD 1080p30 at less than 2Mbps bandwidth; The system should be able to deliver HD 720p30 at less than 800 kbps on H.264 protocol; The system should have Do Not Disturb mode to disable receiving call when an important meeting is going in the same room; The system should support dual 720p30 live streams; The system should support more than 20 resolutions from 128 Kbps to 800Kbps so that a better resolution can be achieved with incremental bandwidth</p> <p>Microphone (MicPod) and High Definition audio conference Phone : The Phone with touch screen intuitive keypad and display, add a third participant at the touch of a button and Microphone with omni type with support high Gain, meeting Audio standards of CODEC; Splitter 100 Hz up to 16 kHz, Mute button, Powered by codec directly through cable upto 15 m/50 ft. one each for Phone and microphone devices; The Phone and Microphone shall be supplied with standard cable so that it can be kept at distance from the CODEC; Equipment should be supplied with one Touch Screen Phone and one microphone; The features like HD audio; GIPS NetEQ packet loss concealment; Full duplex for natural conversations; Echo cancellation for echo-free calls; Automatic gain control; Automatic noise reduction.</p> <p>Remote: The Terminal should be supplied with standard Remote for multi function capability including Call Set up, Remote Camera Control, Dual display function etc.</p> <p>CODEC : CODEC with stand and required mounting brackets; CODEC shall be based on IP for H.323 and SIP communication and shall meet H.320 Standards for ISDN based connectivity; CODEC shall be H.264 with fall back to H.263 Video standards with 16:9 and 4: 3 aspect ratio; CODEC should work at 1920x1080p @ 25/30 Frames/Sec.; It should have dual display meeting H.239 standards and Data/ PPT sharing facility; The CODEC should have inbuilt speakers else same to be provided separately; The Audio and Video interface ports as given in above; CODEC should have H.235/ AES security features; CODEC Should support 2nd Camera with PTZ capability; CODEC should support min 4 party Conferencing facility inbuilt; In multi party mode, each party/port essentially should operate at 1920x1080p @ 25/30 Frames/Sec resolution; MCU should have H.235/ AES security features.</p> <p>Video Specifications /Video Resolutions: Maximum resolutions widescreen 16:9 aspect ratio; All resolutions progressive scanning; All resolutions at 30 frames per second except 60 frames per second where noted; 384 Kbps (912x512 pixels) DVD resolution; 512 Kbps (1024x576 pixels); 768 Kbps(1280x720 pixels) high definition; 1.1 Mbps or higher (1280x720 pixels @ p60) high Definition; 1.7 Mbps or higher (1920x1080 pixels) high definition</p> <p>Directory and Address Book: Up to 1,000 local directory entries; Save, lock, remove, redial list features; Missed call notification; Auto-discovery directory lookup; LDAP support/H.350 compliant; Meetings directory support; H.323 URI dialing support.</p> <p>Drivers & Software: The above equipments should be supplied along with the required software and drivers for video conference systems.</p> <p>Installation: The Installation includes the installation, configuration, Commissioning, Testing and Fixing of all Video conference equipments at the site with required training at the site. The installation also includes integration with the existing NKN network setup, servers, NKN router and the firewall systems.</p> <p>3 Years onsite Comprehensive Warranty</p>		
2	<p>High Definition Video Streaming, Recording and Content Archival Server (Server Hardware Appliance and Video Center Software for Server & Client Systems): Server should be a rack mountable with Maximum 2U rack size and Rack mount kit; Server hardware should be capable of handling minimum One HD recordings , 250HD Live web Stream; Should provide Built in web-based management interface; Web based content library to access recorded content; Should have the ability to inter operate with other vendor products; Should provide Live and on-demand streaming; Ability to record and stream video from any H.323 or Session Initiation Protocol (SIP) video conferencing unit; Compatibility with all major streaming formats; Editing and library features for simple content creation and retrieval; Support for viewing and download of content to Microsoft Windows, MacOS, Linux, IOS and Android Operating systems; Unicast and multicast streaming support; Internal and external storage capabilities; Should support industry standard Directory services for authentication; Call configuration and User access rights management; Ability to cluster multiple content servers; Ability to export and import recordings from one Content Server to another; Customizable UI to allow end user to add branding elements.</p> <p>Features :: Auto-Publishing :- Automatically attach titles and tags recordings, files them to</p>	Yes/No	1 No. each

<p>the proper channel, assigns access privileges and publishes it to the web; Video and Audio Format :- High Definition, 16:9 aspect ratio H.264 video, AAC-LC audio. Compatibility:- Record video and data from any VC compatible Device; endpoint with 4.6 or later software; Record video from LS Passport, out of call only, with 4.7 or later software; Record video from LGExecutive; Record video using SIP dial out from Video Center; Playback on Windows®-based, Linux®-based and Mac® computers ; Web browsers supported: IE 7, IE 8, Firefox 3.5, Chrome 1.2 or later. Recording Capabilities:- Records audio, video (up to 720p30), and data; Dynamically captures video and data, no pre-configuring is required; Capture all participants in a call (both near and far end); Auto-publishing support with a recording key Recording indicator overlay is only visible during the live call. The Server hardware and Video center software should support the other features like Content Management, Content Publisher tools, Advanced search tools, user access control, Reporting and system management features. Drivers & Software: The Server should be supplied with licensed Operating Systems with Media CD/DVD, The Video Center Software with License and CD/DVD & all required drivers with latest patches. Installation: The Installation includes the installation, configuration, and Commissioning, Testing and Fixing of Server appliance with video center software to integrate with the Video conference equipments at the site to provide the required training at the site. The installation also includes integration with the existing NKN network setup, servers, NKN router and the firewall systems. 3 Years onsite Comprehensive Warranty</p>		
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- a. The Tenderer should submit along with their quotation, details of similar supply made to Training/Scientific/Technical Institutions of Govt./PSU/SAU/Pvt. Firms in India and the reference to that effect may be clearly mentioned and copies enclosed. Catalogue /literature of the computers quoted should be provided along with the quotation.
- b. **Onsite Comprehensive Warranty should be provided for three years for the above quoted items.**
The firm should provide details of after sales service. The firm has to submit its willingness to this effect.

IV. Contract / Agreement

- a. The Successful firm(s) shall require to deposit 10% of the order value as Performance Security either by means of an account payee demand draft or irrevocable Bank Guarantee or fixed deposit receipt from any nationalized/commercial banks in favour of National Institute of Plant Health Management (NIPHM), the Hyderabad which should be valid 60 days beyond the date of completion of all contractual obligations of the supplier including warranty obligation and the same will be released/discharged after 60 days of completion of all contractual obligations of the supplier including warranty obligation without interest.
- b. If the firm fails to deliver the goods within the stipulated delivery period as mentioned in the purchase order penalty of 2% per day of value of order shall be imposed/levied as liquidated damages
- c. Payment will be made within 15 days after receipt of material, installation, and its final acceptance. In case of supply through imports involving payment in foreign currency, payment will be made 80% against the sight of Bank documents through Irrevocable Letter of Credit and balance 20% will be released after satisfactory installation of the item.

V. PRICE SCHEDULE

1. Name of the item: Providing Video Conference facility.

Sl. No.	Item Description	Make/ model	Complied Yes/No	Unit	Quantity	Price (Rs.)	Sales Tax/VAT	TOTAL Amount (Rs.)	Foreign Currency

2. Annual Maintenance charges (for a minimum period of Three years) Rs. _____ after completion of the warranty period.

- NOTE: 1) Items should be delivered and installed at NIPHM
- 2) Sales tax/VAT should be indicated clearly.
- 3) Prices should be quoted either in Indian Rupees or in Foreign Currency.
- 4) The exchange rate in respect of Foreign Currency will be taken as follows:
- (a) Rate prevailing at the time of opening of tender in order to arrive L1.
- (b) The applicable exchange rates as above will be according to the TT (Telegraphic Transfer) selling rates of exchange as quoted by authorized exchange brokers approved by RBI.
- 5) Payment to Indian agents towards commission, if any, will be released in Indian rupees after satisfactory installation of the equipment/item

We are herewith undertaking that the details provided above are true and to abide by the terms and conditions contained in the bid document of NIPHM.

Signature of authorized official
(with seal and stamp)

Name :

Designation :