

## Corrigendum

**Date: 28.07.14**

1. Bidder can download the tender document from the website of Bihar State Housing Board [www.bshb.in](http://www.bshb.in) and the tender fee of Rs. 1000.00 (Rupees One Thousand only) which is not refundable will be submitted in the form of Demand Draft, **drawn in favour of Bihar State Housing Board, payable at Patna** along with the proposal. Applications without application fee shall not be entertained. Those bidders already submitted their proposal shall submit application fee at technical proposal opening time.
2. The Video Conferencing System must provide the feature to connect Head office with its all divisional offices (1+8) simultaneously for parallel communication.
3. Conditions of Contract (Annexure-I) - Sl.No. A should be read as: "Tenderer/OEM should have at least two years of experience in the sales and service of video conferencing system/camera with VC Display UNIT. Performance statement and documentary proof of the same to be attached."
4. Technical Specification (Annexure-I) has some modifications. The new specifications is listed below:

<b>ITEM 1: Head Office VC Unit- HD 1920x1080p Model</b>	
Video Size and layout	VC unit with Codec within the unit, camera & Microphone & Remote, codec to support full HD(1920x1080p) call , Dialing calls through remote & content sharing
Communications	H.323 and SIP standards
	64Kbps ~4Mbps
	RJ45 network LAN (10/100/1000) Manual bandwidth settings
Camera	<b>CMOS sensor with 12X or greater optical zoom</b>
	<b>minimum ±90° and above ;tilt ±15 deg and above</b>
	67° FOV (diagonal)
People video resolutions	HD1080p (1920 x 1080) HD720p (1280 x 720)
	480p (848 x 480)
	QVGA (320 x 240)
	CIF (352 x 288)
	All resolutions at 30fps
Content video resolutions	Minimum VGA Supported resolutions
	<b>WSXGA+(1680x1050) is prefreed</b>
	WXGA(1280x768)
	SXGA(1280x1024)
	XGA(1024x768)
	SVGA(800x600)
	VGA(640x480)
	<b>DVI (digital) Supported resolutions:</b>
	1080p (1920x1080)
	720p(1280x720)
	720x480
	SXGA(1280x1024)
	XGA(1024x768)
	SVGA(800x600)
	VGA(640x480)
	Output resolutions:
	Up to HD1080p (1920 x 1080) at 30 fps
Video standards	H.264, H.263+, H.263
	H.239 dual video streams

Video inputs	VGA/HDMI
	DVI
Video outputs	HDMI VGA/DVI
Audio standards	G.711,G.722,G.722.1,G.728,G.722.1C or MPEG 4 AACLD
Audio features	Automatic gain control (AGC)
	Advanced noise reduction
	Acoustic echo cancellation (AEC)
Audio inputs	microphone array Line-in (3.5 mm)
Audio outputs	Digital audio on HDMI cable Line-out (3.5 mm)
Other supported standards	H.224, H.225, H.245, H.281, H.323 Annex Q, H.460
User interface	Multiple layout styles
	User-friendly OSD (languages: English and other supported languages)
	Display / edit site name
Network	10/100/1000Mbps
	NAT / firewall traversal (H.460)
	High Efficiency Lost Packet Recovery (HELP eRTM) API support or equivalent
	Telnet or Equivalent application
	Wake-on-LAN (WOL) is preferred
	IPv4 and IPv6 support
	Quality of service (QoS)
Security	AES (Advanced Encryption Standard) function (128-bit)
	Password protection for system settings
	Password protection for remote system management
Web management tool	Remote management through the Web
	Live monitoring via the Web
	Firmware update via Ethernet / Internet
	Restore system settings
	Network test capability is preferred
	Phonebook download / upload / edit
Recording	Meeting recording
	In meeting and offline recording
	Save directly to USB flash drive
	screen re-layout during playback - Playback and file conversion via OEM Player and software is preferred
Additional Features	Dual monitor support is preferred
	Speed dialing via hot keys (maximum 10 sets) is preferred
	Camera presets (maximum 10 positions) is preferred
	Firmware update via Ethernet or USB flash drive Screensaver and
	Auto power off mode
	One or more USB 2.0 ports

	Network Time Protocol (NTP)
	Built-in registrar
	Support SIP outbound proxy
Power supply	AC 100V ~240V, 50/60Hz
	Consumption: EIAJ 12V, 4A
Environmental Data	Operation temperature: 0 ~40°C Operation humidity: 20% ~80%
Warranty	3-year standard warranty
Firmware Updates	Firmware updates is supported
	<b>Item-2 Branch Office VC Unit- HD 1920x1080p Model</b>
Communication	H.323 and SIP standards
	128Kbps~4Mbps
	RJ45 network LAN (10/100/1000)
	Manual bandwidth settings
Camera	pan/tilt/zoom camera
	CMOS sensor
	12X or greater optical zoom
	minimum $\pm 90^\circ$ and above ;tilt $\pm 15$ deg and above
	67° FOV (diagonal)
People video resolutions	HD1080p (1920 x 1080)
	HD720p (1280 x 720)
	480p (848 x 480) is preferred
	4SIF (704 x 480), 4CIF (704 x 576)
	WCIF (512 x 288) is preferred
	SIF (352 x 240), CIF (352 x 288)
	All resolutions at 30fps
Content video resolutions	HD720p (1280 x 720)
	XGA (1024 x 768)
	SVGA (800 x 600)
	VGA (640 x 480)
	Output resolutions:
	HD720p (1280 x 720) /1080p up to 30fps
Video standards	H.264, H.263, H.263+, H.239 dual video streams
Video inputs	VGA
Video outputs	HDMI
	VGA/DVI
Audio standards	G.711, G.722, G.722.1, G.728, G.722.1C/MPEG A AACLD
Audio features	Automatic gain control (AGC)
	Advanced noise reduction
	Acoustic echo cancellation (AEC)
Audio inputs	microphone array
	Line-in (3.5 mm)
Audio outputs	Digital audio on HDMI cable
	Line-out (3.5 mm)
Other supported standards	H.224, H.225, H.245, H.281, H.323 Annex Q,H.460
User interface	Multiple layout styles

	Display / edit site name
Network	10/100/1000Mbps
	NAT / firewall traversal
	Lost Packet Recovery
	Telnet or Equivalent application
	Wake-on-LAN (WOL) is preferred
	IPv4 and IPv6 support
Security	AES (Advanced Encryption Standard) function (128-bit)
	Password protection for system settings
	Password protection for remote system management
Web management tool	Remote management through the Web
	Live monitoring via the Web
	Firmware update via Ethernet / Internet
	Phonebook download / upload / edit
	Restore system settings
Additional Features	Meeting recording
	In meeting and offline recording is preferred
	Saving of data directly to USB flash drive is preferred
	screen re-layout during playback
	conversion via OEM Player and software is preferred
	Speed dialling via hot keys (10 sets) is preferred
	Camera presets (maximum 10 positions)
Power supply	• AC 100V~240V, 50/60Hz
	• Consumption: EIAJ 12V, 4A
Environmental data	• Operating temperature: 0 ~ 40°C
	• Operating on humidity: 20%~80%
	• Storage temperature: -20~60°C
	• Storage humidity: 20%~80%
Optional accessories	• Additional microphone
	• Camera mount
Warranty	• 3-year standard warranty

5. Last Date for submission of the Proposal for “Bihar State Housing Board invites Bids from Experienced Firms for supplying Video Conferencing System for BSHB” has been extended till 15:00 hrs of 07<sup>th</sup> Aug 2014. The Technical part of the offers received will be opened at 15:30 hrs on 07<sup>th</sup> Aug 2014.

Other terms and conditions of the tender documents remain unchanged.

Sd/-  
Secretary  
Bihar State Housing Board, Patna