



# RAIPUR MUNICIPAL CORPORATION

New Head Office Building, White House, Gandhi Chowk,  
Raipur (C.G.) - 492001

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## Tender Notice

NIT NO. ~~9.300~~ /DC/RMC/2014

RAIPUR, DATE: ~~27~~ 11/2014

Commissioner, Raipur Municipal Corporation invites Tenders on behalf of Raipur Municipal Corporation in **Form-B (item Rate)** from registered Contractor/firms/ institutions in central Government/ CG Government/ municipal Corporation/ Public undertaking for similar work.

S. No.	Particulars	Description	Qty.	Earnest Money
1	RACK Server with SMART RACK with LCD RACK Console	HP/IBM/Dell PowerEdge R520 Server, 2U Rack, 16 GB(2 x 8) RDIMM 1600 MT/s, Low Volt, Single Rank, x4 Data width, 1u Height, 19" Rack Mount, 17" LCD Monitor, Keyboard & Touchpad Mouse without operating system.	1	20,000.00
2	Video Conferencing System	Point to Point Video Conferencing Equipment Model - Polycom HD Web Camera/ Lifesize Express 220	1	
3	40" LED TV	Model - Samsung MD 40B/Sony/Panasonic TV	2	
4	Speaker Set	JBL/Boss Compatible for Video Conferencing System	2	
5	Trolley for VC Display	40" LED TV and Video Conferencing System	1	
6	Cables and Connectors Video Conferencing equipments of topmost quality	S. No. 2-5 Video Conferencing System	1 JOB	
7	Installation and commissioning & site up of all equipments	S. No. 2-5 Video Conferencing System	1 JOB	
8	Wall Fan	Bajaj Media BW2000	8	
<b>Estimated Cost</b>		<b>7,24,503.00</b>		

The details can be viewed and downloaded online directly from the Municipal Corporation website [www.nagarnigamraipur.nic.in](http://www.nagarnigamraipur.nic.in). For more details on the tender item specifications and bidding process please visit the RMC Datacenter at office hrs. The tender document cost is Rs.750.00 only. FDR/Demand Draft in favor of **Commissioner, Municipal Corporation, Raipur (C.G.)**. The last date for the physical submission of EMD & Pre qualification document will be accepted by speed post of Registry only at office of the Municipal Corporation, Raipur, Head Office (Room NO.409) upto dt. 16/12/2014 at 17.30 hrs. The opening of tender envelope A&B to successful bidder is upto dt. 17/12/2014 at 17.30 hrs.

**Commissioner**

**Municipal Corporation, Raipur**

## Specification For RACK Server for Data Center

Item	Item Description
<b>Make &amp; Model</b>	HP/IBM/Dell Power Edge R520 Server
<b>Form Factor</b>	2U Smart Rack
<b>Memory</b>	16 GB (2 x 8 GB) RDIMM 1600 MT/s, Low Volt, Single Rank , x4 Data width
<b>Hard Disk Drive</b>	2 x 300 GB 15k, 6Gbps SAS 3.5" Hot Plug Hard Drives
<b>RAID Controller</b>	Integrated H710 RAID Controller, 512 MB NV Cache, Mini Type
<b>Network Card</b>	Embedded Broadcom® 5720 Dual Port Gigabit NIC.
<b>PCI Riser</b>	Riser with up to 4 slots – 3 x 8 Slots and 1 x 16 Slot, 1 x low profile and 3 x full height.
<b>Optical Drive</b>	Internal SATA DVD +/- RW
<b>Power Supply</b>	Dual, Hot plug Redundant Power Supply (1+1) 750W
<b>System Management</b>	iDRAC7 Enterprises
<b>Chassis</b>	3.5" Chassis with up to 8 Drives
<b>Operating System</b>	No Operating System
<b>Warranty</b>	3 years Next Business Day Onsite warranty
<b>SMART RACK</b>	Smart Rack 42U, 600/1000D with Front & Rear Perforated Door with Slam lock, 1 shelf 725mm, castors and mounting hardware packet of 20, Loops(6nos), PDU 10sockets 515 amp with 32amp MCB with 2.5 meter cable unterminated (2), FACs 90 CFM 230VAC
<b>LCD RACK CONSOLE</b>	1 u Height, 19" Rack Mount, 17" LCD Monitor, Keyboard & Touchpad Mouse
<b>KVM Switch</b>	8 PORT KVM SWITCH WITH USB CABLES with OSD Facility.

## Specification For Video Conferencing System for Data Center

S. N.	Item	Item description	Qty
1	<b><u>Video Conferencing Device</u></b>	<p><b>HD Video Conferencing System should be capable of connecting on IP networks at 2Mbps with following essential components and features.</b></p> <p>Should operate over IP network to connect in point to point mode.</p> <p>Support H.264 Video protocols</p> <p>support G.722, G.711 audio protocols</p> <p>H.281 far end camera control</p> <p>Built-in Acoustic echo canceller with Noise Reduction</p> <p>Picture in Picture or side-by-side picture (dual Monitor Emulation) support</p> <p>Should support high definition video resolution of 720p at 25fps for live video for transmit and received.</p> <p>Should have required video and audio outputs to connect one HD LCD/ LED TV/ Monitor with suitable connecting cable of 5 mts length.</p> <p>Should have video input to connect HD PTZ (pan-tilt-zoom) camera of 720p resolution</p> <p>H.239 dual stream for simultaneously sending/receiving HD content/presentation along with HD live video</p> <p>Should support connecting a PC/Laptop screen at XGA (1024X768 pixels) or better resolution by directly connecting VGA cable (5mtr VGA cable shall also be supplied)</p> <p>Motorised PTZ HD camera of 720p resolution along with 2m cables. Camera should be controllable from hand held remote control of the VC system and shall have 4X or better optional zoom. Mounting structures required to mount the cameras on top of LCD/wall should also be supplied. The HD camera should be capable of working in normal illumination conditions.</p> <p>1 Nos. of high quality microphones along with minimum 7.5 m cable for pickup from 5 feet or more distance.</p> <p>Easy to use hand held remote control with operating distance of 20 feet</p> <p>Auto sense Ethernet port(LAN) for connecting to IP network should support Static IP and DHCP IP addressing</p> <p>Shall support IPv6.</p> <p>Support for working behind Network address Transaction (NAT) &amp; Firewall traversal</p> <p>Support for Global Directory - Display of active participants/H.350/LDAP protocol</p> <p>Support for E.164 dialling using H.323 Gatekeeper</p> <p>Easy software upgrades through LAN port/USB port</p> <p>Web based management for Videoconferencing endpoint.</p> <p>Should be Interoperable with any H.323 &amp; SIP compliant High Definition (HD), Standard Definition (SD) VC systems and MCU.</p> <p>Mounting Structures required to mount the set-top VC system/Camera unit on top of LCD/Wall should also be supplied.</p> <p>Operating conditions: 230 Volts, 50 Hz.</p> <p>One year warranty</p>	1
2	<b><u>Display Device</u></b>	<p>40" (102 CM) or more size 1080p HD LED TV/ Monitor to work with above Video Conferencing system</p> <p>Shall have at least one 2HDMI/DVI inputs or better</p> <p>one 15 pin D-sub Input for PC connectivity along with Audio</p> <p>Shall have one Component Video point along with Audio</p>	2

		Configurable/Separate Composite Video Input along with Audio	
		Built-In minimum 5W+5W Audio amplifier with built-in/external speakers	
		Wall Mount Kit for Installing the HD monitor	
		Shall Operate with remote controller.	
		Operating condition: 230 Volts, 50 Hz and PAL video standard	
3	<b><u>Trolley</u></b>	Trolley for Dual display	<b>1</b>
		COLUMN TYPE/CODEC TO BE PLACD INSIDE COLUMN	
		For Display Size 40"	
		Mobile Trolley VC & Dual Display Column Type	
4	<b><u>Installation</u></b>	Installation and Commissioning of the VC Equipments	<b>1 JOB</b>
1	<b><u>PLEASE NOTE :</u></b>	OEM Authorization is required in the attached format	
2		Compliance of specifications should be on OEM Letterhead duly stamped & signed	

**BOQ for tender NIT NO:9388/DC/RMC/2014, Raipur Date:27/11/2014****VC/Server/Electronics Items**

S. No.	Particulars	Discription	Qty.	Unit Price (in Rs.)	Total Price (in Rs.)
1	RACK Server with SMART RACK with LCD RACK Console	HP/IBM/Dell PowerEdge R520 Server, 2U Rack, 16 GB(2 x 8) RDIMM 1600 MT/s, Low Volt, Single Rank, x4 Data width, 1u Height, 19" Rack Mount, 17" LCD Monitor, Keyboard & Touchpad Mouse without operating system	1		
2	Video Conferencing System	Point to Point Video Conferencing Equipment Model - Polycom HD Web Camera/ Lifesize Express 220	1		
3	40" LED TV	Model - Sumsung MD 40B/Sony/Panasonic TV	2		
4	Speaker Set	JBL/Boss Compatible for Video	2		
5	Trolley for VC Display	40" LED TV and Video Conferencing System	1		
6	Cables and Connectors Video Conferencing equipments of topmost	S.No. 2-5 Video Conferencing System	1 JOB		
7	Installation and comissioning & site up of all equipments	S.No. 2-5 Video Conferencing System	1 JOB		
8	Wall Fan	Bajaj Media BW2000	8		
<b>Total</b>					