

**Heavy Engineering Corporation
Heavy Machine Building Plant
(A Govt of India Enterprises)
Ranchi- 834004**

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Open –Tender

No.HMBP/PUR/CP/18/220076/OM-5489

Date 16-10-2018

To

M/s

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Subject: **Tender for VC Studio .**

Dear Sir,

We request you to submit your most competitive offer as per the given schedule:

Sealed Tender in two bid system are invited in prescribed format as per detail description of supply, installation and commissioning provided in the Tender

ENQUIRY SCHEDULE

SL No	Description of Item	Unit	Qty
01	V.C End Point (1+3) Specification as per Annexure 1	No	1
02	Display Unit Specification as per Annexure 2	No	1

Annexure -1

SPECIFICATION FOR VC ENDPOINT

Embedded MCU (1+3), H.323 Standalone Endpoint with Codec, Camera and Audio bundled into a sleek form factor. Delivers 1080p at 30 fps.

Specification	Value
Optical zoom/ Digital zoom	12x
Type of end point Full High Definition Video Conferencing	1+3 Multiparty Full HD End Point
Does it require mandatory registration with MCU	NA
Video conferencing System Resolution	End Point based Full HD (1080p,60)
Minimum Bandwidth Required for Specification video quality at End point/far-site end (Mbps)	1
The End Point is a point to point system upgraded to Multiparty Video Conferencing with Full HD camera and codec for simple installation with a TV/LED/LCD display suitable for specified bandwidth of IP network through RJ-45 connectivity.	Yes
Type of sensor for 1920x1080p, in order to accept Full HD resolution video	CMOS
Optical Zoom	12x
Digital Zoom	12x
Field of view at zoom	72.5
Pan range(Degree)	-170 degree to +170 degree
Tilt Range (Degree)	-30 degree to +90 degree
Cord and Connector to be supplied	Yes
System delivers Full HD video and voice & Full HD content for an overall Full HD experience at specified bandwidth	Yes
Video coding support Protocol	H.263, H.264AVC, H.264SVC, H.264 High Profile
System has G-722/g-711/G-729 or equivalent nt wideband audio coding support	Yes
System supports sharing of Full HD video and graphics content during the video call	Yes
System has live resolution of 1920 x 1080 and deliver Full High definition video at 30fps from 2 Mbps onwards	Yes
It is possible to see both the near and far site on one Screen thus making most efficient use of a single display area.	Yes
System is equipped with one or more Omni directional High Definition Microphones as required to cover large conference room	Yes
Number of microphones supports	4
Number of camera support from the same OEM	1
Number of Ethernet connection points for System supports for RJ-45, 10/100/1000 Mbps Base-T Ethernet connection.	1
Systems supports AES encryption video calls; System has Encryption On and Off capability	Yes
Video Codec shall support 16:9 format for supporting LCD/LED display unit and PAL/NTSC video standard.	Yes

Power supply: 230+ or -10% volts, 50 Hz	Yes
Shall come with easy to use infra-red hand held remote control with operating distance	Yes
All equipment are in compliance with the requirement of ITU-T Standard related to Video Conferencing	Yes
System to be IPv6 ready from day one	Yes
System uses standards based protocols and the offered system is interoperable with any existing H-323 AVC/SVC based video conferencing equipment in a point to point call on the video conferencing end point; All Hardware and Software required to make it interoperable is included in the scope of supply.	Yes
Minimum number of I/O ports (2 x DVI or 2 x HDMI or 2 x equivalent HD for video output)	2
Minimum number of ports (1x HDMI or equivalent for main camera)	1
Minimum number of posts (1x DVI or 1 x HDMI or USB 3 or higher for PC connectivity)	Yes
Recording @ 1080p on the end point	Yes
System is supplied complete with the following components from the same OEM: (a) Full HD Codec (b) Full HD Camera (c) At least one Omni Directional Microphones with suitable connectivity (d) Remote Control (e) Data sharing capability using hardware or software (f) All cables necessary for above features.	Yes
System is also tropicalized and report available from ILAC/NABL/Govt Lab with all add on if being supplied to buyer as per following requirement (a) Dry Heat Test : For 16 hour at a temperature of 55 degree C in accordance with IS:9000/part-3/section-5/1977 (Reaffirmed 2007) (b) Cold test: For 4 hour at a temperature of 1 degree C in accordance with IS:9000/part-2/section-4/1977 (Reaffirmed 2007) (c) Damp Heat Test: For 2 Cycles of 24 h each at a temperature of 40 degree C & 95% RH in accordance with IS:9000/part-5/section-1/1991 (Reaffirmed 2007) After each environmental test and a recovery period of two hours, the video conferencing system has been checked for complete function parameters, and the results found satisfactory.	Yes
Type Test Report from ILAC/NABL/Govt Lab confirming conformance to above technical specification – to be made available to buyer.	Yes
BIS Registration under CRS of Meity	NA
BIS Registration Number and its Validity	NO
UL/CE Certificate	Yes
If yes, UL/CE Certificate Number (Furnished when demanded by buyer)	CE2249
Operating temperature Range (Degree C)	10-40%
Operating humidity (%RH)	95%
Free installation and commissioning	Yes
On site OEM Warranty (Year)	3 Years

Annexure 2

SPECIFICATION FOR DISPLAY UNIT

Display Device 75 Inches

Product Specification	
Static Contrast Ratio (Minimum)	1200:1
Asect Ratio	16:9
Viewing Angle (Horizontal : Vertical)	178:178 Degree
Native Resolution	3840x2160-UHD
No of Speaker	2 Nos
Screen size (Diagonal)	75 inch
Panel Technology	IPS
Technology	Edge-LED
Native resolution	3840x2160- UHD
Bezel width	14.9 mm
Brightness	500 Nits
Dynamic contrast Ratio(Minimum)	4000000:1
Power supply	100-240 VAC, 50/60 Hz
Arrangement of Speakers	Internal
Wattage of Speaker(with max. 10% THD)	10W + 10W
DVI – D Port	One
HDMI Port	Three
RJ 45	One
RS 232 C Port	One
USB Port	One
VGA Port	HDMI TO VGA Converter
Screen Type	Non Touch
Display Port	One
Output Port for Audio Output if internal speakers are not there	Audio Out
Response Time	6 ms
Orientation	Portrait/Landscape
Mounting Arrangement	Wall Mount Revolving
Warranty	3 years
Accessories to be supplied: AC Power Cord, Remote Control, User Manual, Wall Mount Bracket, Necessary cables and connectors	YES

NOTE:

(1) Firm must have service center at Ranchi.

(2) Tender will be on package basis.

Schedule of Tender:

Due Date & Time of submission: 01-11-2018 by 1.00 PM

Date & Time of opening of Bid : 01-11-2018 at 3.00 PM

Sealed Tender super-scribed with Tender Number, Due Date, Item Name & Supplier's Name shall be addressed to SDGM Central Purchase, Heavy Engineering Corporation Ltd, Heavy Machine Building Plant, Ranchi-834004, failing which Tenders may be ignored.

Offer to be submitted in Two Part.

(In case of Two part bids as mentioned above, the technical and commercial aspects to be sealed in a separate envelope super scribing Part-1 on it., The Price bid to be super scribed as Part - 2).

GENERAL GUIDELINES & INSTRUCTIONS TO BIDDERS FOR SUBMITTING OFFER

1. Documentary evidence of GST Registration is required to be submitted alongwith tender. In absence of documentary evidence of GST Registration your bid is liable to be rejected and will not be considered.
2. The rate quoted shall be inclusive of all packing & forwarding. Freight charges to be mentioned separately.
3. The Price quoted by the tenderer should be exclusive of GST. The rate of GST applicable should be shown separately.
4. The rates quoted must be firm and the offers made must remain open for acceptance for three months from the date of opening of the tender.
5. Quotations erased or over written are likely to be rejected unless all corrections are authenticated with the tenderer's signature.
6. Delivery date offered must be specified and guaranteed.
7. Full payment will be made after 30 days of the receipt of supplies at destination duly inspected.

Following Particular shall be given in the GST invoice:

Purchase Order No & Date

Item Details

GST Registration No

Permanent A/C No

8. The Corporation does not pledge itself to accept the lowest or any tender and reserves to itself the right of accepting the whole or any part of tender or portion of the quantity offered and you shall supply the same at the rate quoted.

9. Supplies will be subject to Inspection by our Inspection wing or inspection agencies prescribed by us.
10. Order placed as a result of this tender will be subject to the Corporation's General Terms and Conditions of contract which can be down loaded from our website (www.hecltd.com)
11. Corporation reserves the right to call for and examine at any time the books of accounts and other documents and papers of the firm for the purpose of ascertaining whether any excess payments has been made or the firm likely to be received / received undue benefit out of execution of the particular contract.
12. Delivery: The time for and the date of delivery of the Stores stipulated in the acceptance of tender shall be deemed to be the essence of the contract and delivery must be completed not later than the dates specified therein.

otherwise:

- a) The purchaser to recover from the contractor a sum of 0.5 % per week (completed week) of the price of the stores(upto maximum 10 %) as liquidated damages, which the contractor has failed to deliver as aforesaid or
 - b) The purchaser may procure the undelivered stores / similar items from elsewhere, without notice to the contractor at the risk of the contractor without canceling the contract in respect of the consignment not yet due for delivery or
 - c) to cancel the contract or a portion thereof.
13. There is no obligation on our part to accept delayed / late tenders. Tenders received after the due date of opening are liable to be summarily rejected.
 14. The rates quoted shall also be inclusive of embossing on the material.
 15. Validity of Tender should be at least 90 days from date of opening of Tender.
 16. Item/Quantity may be increase/decrease at the time of Placement of Purchase Order.
 17. EMD of Rs 5000.00 will have to be deposited by demand draft from any Nationalized Bank in favour of Heavy Engineering Corporation Ltd payable at State Bank of India , Hatia Ranchi
 18. For NSIC/SSI/MSE enterprises documentary evidence in their support and copy of latest Govt. notification specifying exemption of EMD for them to be enclosed.
 19. It is to be specified clearly in your offer that the firm is NSIC/SSI and also confirm whether the firm is owned by SC/ST entrepreneurs.
 20. Items will be procured in lots as and when required.
 21. F.O.R should be at our Stores/HMBP,HEC Ltd. Ranchi-834004

Signature of Purchase Executive
SMgr(CP)/HMBP

ANNEXURE - A
Price Bid along with COMMERCIAL TERMS & CONDITIONS
(To be filled in full and to be submitted along with offer without fail)

SL No	DESCRIPTION	HEC'S REQUIREMENT	SUPPLIERS COMMENTS
01	PRICE	Firm till completion of order	
02	Delivery Terms (Ex-works, FOR desp, FOR Destination etc)	FOR- DESTINATION (STORES/HEC/HMBP/RANCHI)	
03	PACKING & FORWARDING	INCLUDED.	
04	FREIGHT & INSURANCE	INCLUDED	
05	GST	Rate of GST HSN No GST REGD No	
07	PAYMENT	100 % against GST invoice within 60 days after receipt & acceptance of materials at our end.	
08	DELIVERY PERIOD	To be indicated by supplier	
09	L.D. CLAUSE	As indicated in Enquiry (as per IMPORTANT NOTE) @0.5 per week, max of 10 % for the delayed delivery	
10	RISK PURCHASE CLAUSE	As indicated in Enquiry	
11	EARNEST MONEY	As indicated in Enquiry	
12	SAMPLE	As indicated in Enquiry	
13	OFFER VALIDITY	Minimum 90 days from the date of opening.	
14	TEST CERTIFICATE	Required	
15	GUARANTEE CERTIFICATE (Period : 12 months from the date of commissioning (or) 18 months from the date of supply which ever is earlier).	Required	
16	DISCOUNT	To be indicated by supplier (indicate in %)	
17	CONTACT PERSON NAME : PHONE # FAX# E-MAIL ID, CELL #		

Signature and Seal of
Supplier