

॥ अंतरी पेटवू ज्ञानज्योत ॥



'A' Grade
NAAC Re-Accredited
(3rd Cycle)

NORTH MAHARASHTRA UNIVERSITY, JALGAON

POST BOX NO.80, UMAVINAGAR,

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**E-TENDER DOCUMENTS FOR
SUPPLY AND INSTALLATION OF
MOBILE VIDEO CONFERENCING
UNIT.**

REF :- NMU/8/ET/ Mobile Video Conferencing Unit/505/2018

FOR MORE DETAILS VISIT THE PORTAL OF

<https://mahatenders.gov.in> / www.nmu.ac.in

(Total Pages 01 to 17)

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TENDER DOCUMENTS FOR SUPPLY AND INSTALLATION OF MOBILE VIDEO CONFERANCING UNIT

NORTH MAHARASHTRA UNIVERSITY, JALGAON

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Tender Schedule and Contact details

Sr.No.	Key Days of the tender	Start date & time	End date and time
01	Tender Release	03/07/2018 17.00 hrs.	----
02	Tender documents downloading	04/07/2018 10.00 hrs.	24/07/2018 12.00 hrs.
03	Online submission	04/07/2018 10.00 hrs.	24/07/2018 15.00 hrs.
04	Technical Bid opening	26/07/2018 16.00 hrs. (if Possible)	----

Contact below if any query

- 1) Sumit Katkar.
For any Information / difficulty
Regarding online submission of tender

7745827385
7843024910

- 2) Technical query

Mr. Dawoodi Husain
(System Analyst))
Off. No. :0257-2258411
Mobile No.+91 96658 71067

- 3) Tender Enquiry

0257-2257236 (Purchase Dept.)

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NORTH MAHARASHTRA UNIVERSITY, JALGAON

E-TENDER NOTICE

North Maharashtra University, Jalgaon invites tender for ' Supply And Installation Of Mobile Video Conferencing Unit' from manufacturer/ distributors/ authorized dealers. For the detailed tender documents, interested bidder should visit <https://mahatenders.gov.in> and www.nmu.ac.in

The filled in tender must be submitted online on or before **24/07/2018** up to 15.00 hrs. Any corrigendum to the tender or any changes in schedule will be published only at above websites.

Ref.: NMU/8/ET/ Mobile Video Conferencing Unit/505/2018

Date: 03/07/2018

(Dr. B.D.Karhad)
Finance and Accounts Officer

Instructions for filling of E-Tender

The Finance and Accounts Officers, North Maharashtra University, Jalgaon invites E-Tender for “**SUPPLY AND INSTALLATION OF MOBILE VIDEO CONFERANCING UNIT**” from Manufacturer/ Distributors/ Authorized Dealers. The details in this regard are given below.

1. Procedure to submit the tender: All eligible/ interested tenderer are required to be enrolled on Portal <https://mahatenders.gov.in> before downloading tender documents and participate in e-tendering. The vendors should submit online tender in two bid system i.e. Technical Bid and Commercial/ Financial Bid. (BOQ)
2. Technical Bid: The technical bid shall contain the following documents. The Bidder must Scan the documents and upload all these documents online with first page in technical bid Compulsorily. All the documents must be valid and self-attested by bidder Non-submission of following requested documents may lead to rejection of offers.

Sr.No.	Name of Document
I	Information of the bidder as per Annexure –A. (The same should be submitted on letter head of bidder)
II	Registration certificate of Incorporation of the company issued under the company act or by any other competent authority in case of proprietary /partnership firm etc.
III	Copy of GST Registration certificate
IV	Copy of PAN card
V	Copies of Income tax return filed for last three financial years.(2014-15,2015-16,2016-17)
VI	Copies of SSI / NSIC / MSME registration certificate in case of exemption is claimed from payment of Tender Fee & Earnest Money Deposit.
VII	List of clients to whom the tendered items supplied mentioning the name, address, Landline. No. / Mobile No. of the clients with quantity and date of supply. Copies of supply orders executed during of the last two to three years should be uploaded.
VIII	Authorization letter from OEM in case of bidder is authorized Dealer/ Distributors of OEM. as per Annexure -B
IX	An affidavit that the bidder has never been black listed by any government department / government under taking /any other agency as per Annexure- C
X	The comparative Chart of technical specifications of each items in the format as per Annexure-D
XI	Bidder’s Declaration on letter head as per annexure -E
XII	Receipts of payment of Tender Fee and Earnest Money Deposit paid through Internet Banking
XIII	Audited balance sheet & profit & Loss account of the company / firm duly audited by Chartered Accountant for last there financial years.
XIV	Printed Literature / broacher / catalogue of the quoted product.
XV	Full set of tender documents with seal and signature of bidder or his authorized representative on each page of the tender.

3. Financial Bid:-The tendering authority will first open the Technical Bid documents of all bidders and after scrutinizing these documents will shortlist the Bidders who are eligible for Financial Bidding process. Otherwise the tender may be disqualified. Financial bid should be submitted online by Vendor in Appendix-A in the form of BOQ excel sheet given over www.mahatender.gov.in, the supplier shall fill up the column of rate per unit offered by him.
4. Bidder should have valid Digital Signature Certificate (DSC) obtained from any Certifying Authorities.
5. The specifications/details of the " SUPPLY AND INSTALLATION OF MOBILE VIDEO CONFERANCING UNIT " provided in the tender documents.
6. The Technical and Financial bid shall be submitted online as per the schedule.
7. Bidder may be invited for discussions in University, if needed/required.
8. The Bidders are strictly advised to follow the dates and times allocated to each stage. As indicated in the time schedule. All the online activities are time tracked and the Electronic Tendering System enforces time-locks that ensure that no activity or transaction can take place outside the Start and End Dates and Time of the Stage as defined in the tender schedule. At the sole discretion of the Tender Authority, the time schedule of the Tender stages may be extended.
9. Rate to be quoted should be mentioned at appropriate place in provided in Schedule (BOQ) by the bidder, more over the rate should not be quoted anywhere else in the tender booklet as well as in the blank pages.
10. The university reserves the right to decide whether to open or not open the commercial Bid of the supplier and no objection of any supplier shall be entertained on any ground whatsoever it may be regarding this.
11. No Bid shall be accepted without payment by online earnest money deposit and tenderfee.
12. The rate should be inclusive of GST, Installation, Insurance, Fright, forwarding etc. F.O.R. delivery at respective Schools/ Departments of North Maharashtra University, Jalgaon.
13. The rate should be offered for only the item as mentioned in the Schedule.
14. The rates quoted for the items other than specifications specified in the tender form shall not be considered for comparison of rate.
15. The University is not bound to accept lowest tenders and reserve the right to accept/cancel any or all tenders without assigning any reasons thereof.

Finance and Accounts officer

: General Terms and Conditions:

- 1) The online tender is called for 'SUPPLY AND INSTALLATION OF MOBILE VIDEO CONFERENCING UNIT'.
- 2) **Earnest Money Deposit & Tender Fees:** - Vendors are required to pay Rs.12,00/- (Rs. One Thousand Two Hundred only) and **Rs.6,000/-** (Rs. Six Thousand only) towards Tender Fee and EMD respectively through Net banking.
- 3) **Security Deposit:** The successful bidder to whom the purchase order is given shall be required to deposit an amount equivalent to 5% of total value of purchase order (inclusive of all taxes, duties etc) as security deposit within 7 days from the date of purchase order. The security deposit will not carry any interest which shall be refunded after supply and successful installation of the system. If the bidder fails to keep the security deposit, then the second lowest quoted bidder will be issued the similar purchase order or the University with holds the total authority for the necessary action to be taken. The Security deposit will be forfeited if the supplier fails to execute the purchase order
- 4) **Cancellation of Purchase Order:-**University reserves the right to cancel the purchase order in case bidder fails to supply and Install of 'SUPPLY AND INSTALLATION OF MOBILE VIDEO CONFERENCEING UNIT' within the stipulated time, The University reserves the right to go for next lowest tenderer or other appropriate action will be taken.

If due to the above mentioned reason purchase order is canceled, earnest money and security deposit shall be forfeited and also the tender may be allotted to the next lowest tender or the *university* reserves the right to take any other appropriate decision including legal action against the bidder to whom purchase order was given.
- 5) The Bid E.M.D. will be forfeited :
 - a) If the bidder withdraws his bid during the period of bid validity specified in the bid.
 - b) In case of successful bidder, if the bidder
 - i) Fails to sign the contract/ agreement in accordance with the terms of the tender documents.
 - ii) Fails to furnish required performance security in accordance with the terms of tender document within the time frame specified by the client.
 - iii) Fails or refuses to honor his own quoted price for the product offer.
- 6) **The successful bidder is required to submit the acceptance of purchase order with terms & conditions mentioned therein and also in the tender document on stamp paper of Rs.200/- with his own cost. The same should be registered with notary.**
- 7) Conditional tender shall not be accepted.
- 8) **F.O.R :** -The rates quoted should be F.O. R the University Campus (delivery to be given to concerned department of North Maharashtra University, Jalgaon) The rate quoted by the bidder should be inclusive of GST, installation and freight, Insurance, etc.
- 9) **Payment:** 100% payment shall ordinarily be made within 30 days after satisfactory installation and report received from technical authority appointed by the University or concerned H.O.D.
- 10) **Performance Bank Guarantee:** The Successful bidder will have to submit the performance Bank guarantee along with invoice equivalent to 5% of total value of invoice towards performance bank guarantee for the period of 60 days beyond warranty period. The Bank Guarantee will be forfeited if the supplier fails/refuse to provide the satisfactory services during the period of warranty.

- 11) **Delivery Period:** - The MOBILE VIDEO CONFERENCEING UNIT must be supplied and installed within 15 days from the date of receipt of purchase order.If the successful bidder fails to deliver goods/material within the period prescribed for delivery, the University will entitle to recover penalty as liquidated damages @ 0.5% of total value of invoice each week or parts thereof during which the delay of such stores delays subject to maximum in limit of 5%.
- 12) **Warranty:-** As Prescribed in Technical Part.
- 13) Only online tender submitted through Government of Maharashtra portal for e-procurement will be consider. (<https://mahatenders.gov.in>)
- 14) Tender offer must be valid for a period of minimum 120 days from the date of opening of commercial/financial bid.Any offer failing short of the validity period is liable for rejection.
- 15) Bidder shall quote for “SUPPLY AND INSTALLATION OF MOBILE VIDEO CONFERENCEING UNIT” as per technical specifications provided in the tender documents.
- 16) Only well-known brand of MOBILE VIDEO CONFERENCEING UNIT should be quoted. It will be the prerogative of the University to select the brand/ company on the basis of technical specifications, past experience regarding performance of the brand, market reputation of the brand etc.
- 17) The tenderers are requested to read the tender document carefully and ensure to comply with all the instructions herein.Non-compliance of the instructions contained in this document may disqualify the tenderer from the tendering exercise.
- 18) **Jurisdiction:** The courts at Jalgaon alone will have the jurisdiction to try any Matter, dispute or reference between parties arising out of this tender / contract. It is specifically agreed that no court outside and other than Jalgaon court shall have Jurisdiction in the matter.
- 19) Provide technical data sheets/Literature/product brochure of each item along with the tender offer.
- 20) The University reserves the right to accept or reject any or all the tenders from any or all the parties without assigning reason thereof.
- 21) Offer should be complete in all respect. Incomplete offers would not be entertained.
- 22) The University reserves the right to delete/increase/decrease items from the schedule of requirement specified in the tender.

Finance and Accounts Officer

**DETAIL TECHNICAL SPECIFICATIONS OF
MOBILE VIDEO CONFERANCING UNIT**

Sr.No	Description	Qty
A	Codec	
01	<p>Video Standards: H.261, H.263, H263+, H.263++, H.264 High Profile, H.264 Baseline Profile</p> <p>Video Frame Rate: Should support 60 fps with 1080p resolution from day one</p> <p>Video Features: Ability to send and receive two live simultaneous video sources in a single call, so that the image from the main camera and PC or document camera can be seen simultaneously. Should support H.239 and BFCP protocols with 1080p resolution</p> <p>Multi-Point Feature: Should have 6-way SIP/H.323 in 1080p/60fps Multipoint video conference feature enabled from day one.</p> <p>Video: Should support 3 monitors for Self-View, Remote View and Content all in separate Monitors.</p> <p>Video Output: Should have at least 4 nos. of HDMI / Component (High Definition Multimedia Interface) output to connect Full High Definition display devices such as plasma and projectors for both Video and Content. (Dual Monitor Support) Should support 3 monitors for Self-View, Remote View and Content all in separate Monitors</p> <p>Video Input: Should have at least 2 HD video Input to connect full HD cameras. Should have at least one additional video Input to connect auxiliary full HD camera. Should have VGA/DVI/HDMI port to connect PC/ Laptop directly to the Video conferencing system and display resolutions upto 1080p</p> <p>Audio: Audio standards supported G.711, G.722, G.722.1, 64 kbps MPEG-4 AAC-LD or equivalent standard must be supported.</p> <p>External devices: Should have USB port, support USB recording</p> <p>Network Interfaces: 2 LAN /Ethernet-10/100/1000 Mbps full duplex. Should have support for IPV4 networks</p> <p>Bandwidth: IP at least 6 Mbps and upto 18 Mbps</p> <p>Security: Menu Control Password protected system menu</p> <p>Encryption of video call: ITU-T standards based Encryption of the video call Call should be encrypted end-to-end on IP Should support Standards-based: SRTP (AES 128 bit), H.235 (AES 128 bit)</p> <p>Warranty: Mentioning manufacturer warranty part number should be quoted, Minimum 3 (Three) year warranty should be provided for this unit from the date of successful commissioning</p>	01

Sr.No	Description	Qty
B	Camera	
02	Camera: 12x optical zoom cameras with 1920x1080p 60 frames per second HDMI Out Specifications: PAN: +/- 100 degrees Tilt +/- 30 degrees Horizontal angle view - maximum 72.5 degrees Warranty: Mentioning manufacturer warranty part number should be quoted Minimum 3 (Three) year warranty should be provided for this unit from the date of successful commissioning	01
C	Microphone	
03	Audio: Audio standards supported G.711, G.722, G.722.1, 64 kbps MPEG-4 AAC-LD or equivalent standard must be supported. Other Desirable features: Noise Reduction, Automatic Gain control, Acoustic Echo Canceller, Audio Inputs: Should support 4 Microphone inputs from day one (cascading of microphones) The microphones must be standard based microphones. The pickup of the microphones should be at least 10 feet from the microphone Echo Cancellation for every input must be available Warranty: Mentioning manufacturer warranty part number should be quoted Minimum 3 (Three) year warranty should be provided for this unit from the date of successful commissioning	02
D	Display Unit	
04	55" full HD Commercial LED Display with inbuilt signage	01
E	UPS for VC and Display	
05	Standard Make 1 KVA Offline UPS with inbuilt SMF batteries	01
F	Trolley for VC unit, Display and UPS	
06	Custom Mobile Trolley for VC unit, Display and UPS	01
G	Networking	
07	OFC 4 core	100 Mtr.
08	SC-SC Patch Cord	01
09	SC-LC Patch Cord	01
10	FDMS for terminating 04 core OFC	01
11	I/O Box with keystone jack and faceplate	02
12	Cat -6 Cable	100 Mtr.
13	Casing Capping Patti for OFC and UTP	At actual
H	Installation, Testing and Commissioning	
14	Installation, Testing and Commissioning Charges	01

Information of the Bidder

Sr. No.	Particular	
1	Name of the Company/ Organization	
2	Registered office Address, Telephone no., mobile no. and E-mail ID	
3	Correspondence / Contact Address. Details of contact person name, designation, address, mobile no & e-mail ID.	
4	Type of the Organization /(Proprietary / Partnership/ Pvt. Ltd./PSU/Govt./Public Ltd) certified copy in respect of registration must be enclosed	
5	Year of establishment and Experience in business (In number of years)	
6	Annual Turnover	2014-15 2015-16 2016-17
7	GST Registration No.	
8	PAN Card No.	
9	Details of Bank – Name of Bank Account Name of Bank Type of Account Account Number IFSC Code MICR No.	
10	Capacity in which the bidder has signed the bid	

Signature & Seal of the Tenderer

Manufacturers Authorization Form

Ref.No./

Date: /07/2018

To,
The Finance & Accounts officers,
Post Box No.80,
Umavinagar, Jalgaon.

Subject : Authorization letter for tender of -
“ MOBILE VIDEO CONFERENCEING UNIT ”.

Ref.No. : NMU/8/ET/ Video Conferencing Unit/505/2018

Dear Sir,

This is with reference to above subject of procurement of “SUPPLY AND INSTALLATION OF MOBILE VIDEO CONFERENCEING UNIT” for your University. We would like to authorize M/s. _____ who is a business associate/partner of OEM/ authorized distributors/authorized dealers in India to participate in the above tender and execute the same if awarded.

We here by extended our full support as per terms and conditions of the tender and the contract for the services offered against this invitation for tender offered by the M/s. _____

We here by commit to the tender terms and conditions and will not withdraw our commitment during the process and or during the period of contract.

Thanking you,

Yours faithfully,

Name of the company and seal
Name, Signature and Designation
of the person

Note :- The Manufactures Authorization form must be signed by competent authority of the manufacturer.

**DECLARATION REGARDING BLACKLISTING / DEBARRING FOR TAKING
PART IN TENDER.**

**(To be executed & attested by Public Notary/Executive Magistrate on Rs.20/-
non judicial Stamp paper by the bidder)**

I / We _____ Manufacture / Partner(s)/ Authorized
Distributor /agent of M/S. _____ hereby declare that
the firm/company namely M/s. ----- has not been blacklisted or debarred
in the past by Union / State Government or by any other organization from taking part in tenders in
India.

Or

I / We _____ Manufacture / Partner(s)/ Authorized Distributor/agent
of M/s. -----hereby declare that the Firm/
company namely M/s.----- was blacklisted or debarred by Union / State
Government or any Organization from taking part in tenders for a period of _____
years w.e.f. _____ to _____. The period is over on _____and now the
firm/company is entitled to take part in tenders.

In case the above information found false I / we are fully aware that the tender/ contract will be
rejected/cancelled by University and EMD / SD shall be forfeited. In addition to the above University
will not be responsible to pay the bills for any completed / partially completed work.

DEPONENT

Name _____

Address _____

Attested:

(Public Notary / Executive Magistrate)

Annexure –D

**COMPARATIVE CHART OF TECHNICAL SPECIFICATIONS OF
MOBILE VIDEO CONFERENCING UNIT.**

Sr. No	Name of Item	Specifications As per tender	Specifications offered by the bidder	Warranty offered	Make & Model
1	2	3	4	5	6
1	Codec	<p>Video Standards: H.261, H.263, H263+, H.263++, H.264 High Profile, H.264 Baseline Profile</p> <p>Video Frame Rate: Should support 60 fps with 1080p resolution from day one</p> <p>Video Features: Ability to send and receive two live simultaneous video sources in a single call, so that the image from the main camera and PC or document camera can be seen simultaneously. Should support H.239 and BFCP protocols with 1080p resolution</p> <p>Multi-Point Feature: Should have 6-way SIP/H.323 in 1080p/60fps Multipoint video conference feature enabled from day one.</p> <p>Video: Should support 3 monitors for Self-View, Remote View and Content all in separate Monitors.</p> <p>Video Output: Should have at least 4 nos. of HDMI / Component (High Definition Multimedia Interface) output to connect Full High Definition display devices such as plasma and projectors for both Video and Content. (Dual Monitor Support) Should support 3 monitors for Self-View, Remote View and Content all in separate Monitors</p> <p>Video Input: Should have at least 2 HD video Input to connect full HD cameras. Should have at least one additional video Input to connect auxiliary full HD camera. Should have VGA/DVI/HDMI port to connect PC/Laptop directly to the Video conferencing system and display resolutions upto 1080p</p> <p>Audio: Audio standards supported G.711, G.722, G.722.1, 64 kbps MPEG-4 AAC-LD or equivalent standard must be supported.</p> <p>External devices:</p>			

		<p>Should have USB port, support USB recording</p> <p>Network Interfaces: 2 LAN /Ethernet-10/100/1000 Mbps full duplex.</p> <p>Should have support for IPV4 networks</p> <p>Bandwidth: IP at least 6 Mbps and upto 18 Mbps</p> <p>Security: Menu Control Password protected system menu</p> <p>Encryption of video call: ITU-T standards based Encryption of the video call Call should be encrypted end-to-end on IP</p> <p>Should support Standards-based: SRTP (AES 128 bit), H.235 (AES 128 bit)</p> <p>Warranty: Mentioning manufacturer warranty part number should be quoted, Minimum 3 (Three) year warranty should be provided for this unit from the date of successful commissioning</p>			
2	Camera	<p>Camera: 12x optical zoom cameras with 1920x1080p 60 frames per second HDMI Out</p> <p>Specifications: PAN: +/- 100 degrees Tilt +/- 30 degrees Horizontal angle view - maximum 72.5 degrees</p> <p>Warranty: Mentioning manufacturer warranty part number should be quoted Minimum 3 (Three) year warranty should be provided for this unit from the date of successful commissioning</p>			
3	Microphone	<p>Audio: Audio standards supported G.711, G.722, G.722.1, 64 kbps MPEG-4 AAC-LD or equivalent standard must be supported.</p> <p>Other Desirable features: Noise Reduction, Automatic Gain control, Acoustic Echo Canceller,</p> <p>Audio Inputs: Should support 4 Microphone inputs from day one (cascading of microphones)</p> <p>The microphones must be standard based microphones.</p> <p>The pickup of the microphones should be at least 10 feet from the microphone</p> <p>Echo Cancellation for every input must be available</p> <p>Warranty: Mentioning manufacturer warranty part number should be quoted Minimum 3 (Three) year warranty should be provided for this unit from the date of successful commissioning</p>			

4	Display Unit	55" full HD Commercial LED Display with inbuilt signage			
5	UPS for VC and Display	Standard Make 1 KVA Offline UPS with inbuilt SMF batteries			
6	Trolley for VC unit, Display and UPS	Custom Mobile Trolley for VC unit, Display and UPS			
G	Networking				
07		OFC 4 core	100 Mtr.		
08		SC-SC Patch Cord	01		
09		SC-LC Patch Cord	01		
10		FDMS for terminating 04 core OFC	01		
11		I/O Box with keystone jack and faceplate	02		
12		Cat -6 Cable	100 Mtr.		
13		Casing Capping Patti for OFC and UTP	At actual		
H	Installation, Testing and Commissioning				
14		Installation, Testing and Commissioning Charges	01		

Note :

The above chart should be submitted on letter head of the bidder after filing the coloum no. 4,5 and 6.

Name, Signature and
Seal of the bidder

Bidder's Declaration

**E-TENDER DOCUMENT FOR SUPPLY AND INSTALLATION
OF MOBILE VIDEO CONFERENCING UNIT**

Ref.No:- NMU/8/ET/ Mobile Video Conferencing Unit/505/2018

I/we hereby certify that I/we have gone through all the information and terms and conditions stipulated in the tender document and hereby confirm to abide by the same. I also hereby certify that the rates quoted in financial/ commercial bid (BOQ) are not more than the rate charged to any other Institution/ Department / Organization.

Signature :

Name of signatory :

Seal of the bidder