



UNIVERSITY OF HYDERABAD

(A Central University established by an Act of Parliament, 1974)

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SCHOOL OF MATHEMATICS & STATISTICS

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Notice Inviting Tender No. UH/SM&S/2019/F-127 date: 18.12.2019

Sealed tenders are invited for supply of the following items under **two bid system** from the reputed manufacturers or their authorized dealers to the University of Hyderabad, Hyderabad.

Sealed bids should reach the office of the School of Mathematics & Statistics, University of Hyderabad, Hyderabad on or before 8.1.2020 by 5 p.m.

The details of items, expected quantity and their technical specifications are given below:

End Point – Impact Pro - Quantity – 1 no. with the following specifications:				
S.No.	Parameter	Specification	Compliance	Deviations, if any
1	Package	High Definition 1080p camera, codec, Microphone, Remote control and other accessories		
2	Design	Camera + Video Conferencing System built-in-one device/detachable Camera, simple to use.		
3	Video Standards and Resolution	It should support H.323, SIP standards for communications. It should support H.261, H.263, H.264 AVC/ SVC/ H.264 High Profile. It should support 1080p60 fps		
4	Bandwidth	64kbps ~ 8Mbps on IP or better		
5	Content Standards and Resolutions	It should support content sharing using standard based H.239 and BFCP over SIP. It should transmit both people and content both simultaneously to the far end location.		
6	Audio Standards and Features	It should support G.711, G.72B, G.729A, G.722, G.722.1, AAC-LD or better It should support 20kHz or better band width with crystal clear audio and stereo sound. Automatic Gain Control and Automatic Noise Suppression		

		Keyboard noise reduction and instant adaptation echo cancellation		
7	Audio and Video Inputs	Video: 1 x Built-in Camera / HDMI or DVI Camera, 1 x DVI-I, Audio: 1 x 3.5mm line-in jack, 1 x 3.5mm mic-in jack		
8	Audio and Video Outputs	Video: 2 x HDMI for connecting 2 Displays, Audio: 1 x 3.5mm line-out jack. Audio through HDMI		
9	Other Interfaces	2 x USB 2.0 or higher version for software upgrade and connecting external devices		
10	Recording (Optional)	It Should support USB Recording feature		
11	Camera	It should support 12x optical zoom. It should support 72 degree FOV. It should support Range of +/-100° pan, -30° ~ +90° tilt		
12	Network	FEC (Forward Error Correction), ARQ (Automatic Repeat-request) etc.		
13	Network Interface	1 x RJ45: 10/100 Base-T		
14	Multisite Features (Optional)	It should have facility to connect at least 1+3 site at 720p if necessary		
15	Directory	<ul style="list-style-type: none"> • 1000 local address book • LDAP/Network address book, H.350 		
16	Firewall Traversal	H.460.18/19, H.460.23/24, ICE		
17	Security	<ul style="list-style-type: none"> • H.235 (AES) signaling and media stream encryption • Administrator password, SSH/HTTPS 		
18	Warranty	Three years comprehensive		
19	Note	The codec must be based on ITU standard. The VC End Point should be a codec based hardware with Remote Control.		

Terms & conditions

S. No.	Clause	Description
1	Reference Number	The Reference No. UH/SM&S/2019/F-127 of the Notice Inviting Tender dated 18.12.2019 should be clearly mentioned on all envelopes and any correspondence including e-mails with the University.

2	Mode of submission	Hand-written (manuscript) bids and bids submitted through e-mail shall not be accepted. All pages of the tender document must be signed by the authorised representatives of bidder, in token of having accepted the terms and conditions incorporated in the tender notice.
3	Two Bid System	As the purchase is a high value equipment, of a complex and technical nature, bids are required to be submitted in two parts as under: <i>(i) Technical bid consisting of all technical details along with commercial terms and conditions; and</i> <i>(ii) Financial bid indicating item-wise price for the items mentioned in the technical bid.</i> The technical bid and the financial bid should be sealed by the bidder in separate covers duly super-scribed and both these sealed covers are to be put in a bigger cover which should also be sealed and super-scribed.
4	Certificate from original manufacturers	If the bid is not from the original equipment manufacturer, the suppliers/ dealers should submit an 'authorized agency certificate' from the manufacturer. Tenders received without Authorization Certificate from the original manufacturer will summarily be rejected. Imported purchases should normally be made directly from the foreign principal manufacturers. In the event of purchase made through an Indian agent of the foreign company, authorisation letter issued by the foreign company / manufacturer should be submitted along with technical bid. No commission shall be payable to Indian Agent.
5	Make and Model	The Vendor/Supplier is required to clearly mention the make, model, size and other specifications along with the unit price. Items with better specifications may also be offered / quoted and the decision of the University in this regard is final. Appropriate brochures / pamphlets / literature (original and not photo copies) for each item providing full technical details must be attached to enable their verification.
6	Bidder Details	The bidder's complete correspondence address, phone numbers and e-mail ids, and website details (if any), must be clearly mentioned in the technical bid documents. (Pamphlet / Brochure depicting the profile and organisation structure may be enclosed.) The details of PAN, GSTIN, EPF, ESIC, Registered License Certificate, Labour License etc., may be mentioned and supporting documents shall be enclosed along with the technical bid.
7	Validity of bids	Prices quoted in the bid (financial bid) shall be valid for a minimum period of 90 days from the date of opening of the financial bids. No upward revision of the prices will be permitted during the said validity period.
8	Basic Price	The bidder should clearly indicate price per unit on FOR (Free on Rail/Road, UoH, Hyderabad basis). In respect of imported items, the prices should be quoted on the basis of CIP / CIF Hyderabad. <i>If the bidder quotes nil charges / consideration in respect of service contracts, the bid shall be treated as unresponsive and will not be considered.</i>
9	Taxes: GST & Customs Duty	The bidder should clearly indicate all applicable taxes separately for each item along with HSN Code and then arrive at a total price of all the items indicated in the Notice Inviting Tender. GST is applicable for all indigenous items. However, the University is entitled for concessional rate of GST @ 5% on all items mentioned vide GoI Notifications

		<p>No. 45/2017-Central Tax (Rate) and 47/2017-Integrated Tax (Rate) dated 14.11.2017 read with GoI Notification No.09/2018 - Central Tax (Rate) dated 25.01.2018 as amended from time to time.</p> <p>Customs Duty is applicable for all imported items. However, the University is entitled for exemption / concessional rate (at 5.5% of the total value) of Customs Duty on all imported items mentioned vide GoI Notification No. 51/96- Customs dated: 23.07.1996, No. 28/2003 - Customs dated: 01.03.2003, No.43/2017 - Customs dated: 30.06.2017 and DSIR Certificate No. TU/V/RG-CDE (58)/2016 dated: 20.02.2018, as amended from time to time.</p>
10	Other costs / charges	The bidder should clearly indicate all applicable other charges, if any, separately viz., transportation, packing, loading, unloading, insurance, installation, commissioning, testing, training, etc.,
11	Earnest Money Deposit (EMD) / Bid Security	<p>The bidders should furnish bid security for Rs. 12,705/- (Rupees Twelve Thousand Seven Hundred and Five only) along with their technical bid in the form of Account Payee Demand Draft / Banker's Cheque from any of the Commercial Banks in an acceptable form, drawn in favour of Finance Officer, University of Hyderabad, payable at Hyderabad.</p> <p>If the bidder furnishes a Fixed Deposit Receipt / Bank Guarantee, the instrument shall be issued in favour of Finance Officer, University of Hyderabad, payable at Hyderabad and shall be valid for a period of 135 days from the date of opening technical bids.</p> <p>The MSE units registered with MSME and certificates obtained from NSIC under the Single Point Registration Scheme (SPRS) shall be exempted from payment of Earnest Money Deposit (EMD) on production of requisite proof in respect of valid certification from NSIC.</p>
12	Warranty	The bidders should offer a minimum period of 3 years warranty for all the quoted items from the date of successful installation of the equipment/ item. The quoted price shall be inclusive of warranty costs. AMC/FMC charges for fourth and fifth year shall be quoted separately, if applicable.
13	Comprehensive Annual Maintenance Contract (CAMC)	Bidders shall quote Comprehensive Annual Maintenance (CAMC) charges for a period of 2 years after expiry of the initial warranty period of 3 year. In all other cases, rate for at least three years' CAMC be quoted.
14	Agreement	In cases of CAMC, agreements are to be entered into on case to case basis duly customizing the format of agreement.
16	Payment	100% of the total cost will be released after delivery, satisfactory installation, commissioning, testing and training (if any), against submission of valid TAX Invoice (with HSN code) with GSTIN number of the supplier.
17	Delivery Location	The items shall be delivered to: School of Mathematics & Statistics University of Hyderabad, Gachibowli, Hyderabad - 500 046, India
18	Delivery Period	The supplier should be able to deliver the items within 15 days from the date of issue of the purchase order.

19	Liquidated damages for late Delivery	In the event of delay in delivery beyond stipulated period indicated in the Purchase Order, liquidated damages @ 1% per each week of delay subject to a maximum of 5% of the cost of the order will be levied and collected by the University, by way of deduction from the payments due to the vendor/supplier.
20	Risk Purchase Clause	If the Supplier fails to deliver the ordered materials within the stipulated delivery period specified in the Purchase Order, the University may resort to procure such items and in such a manner as deemed appropriate, goods or services similar to those undelivered, and the Supplier will be liable to reimburse the University for any excess costs for such similar goods or services.
21	Right to reject	The University reserves the right to reject any or all the bids or accept a part of the quotation without assigning any reasons therefor. The decision of the University in this regard is final and binding on all the suppliers.
22	Resolution of Disputes	Any disputes arising out of this contract shall be referred to the University, and if any of the parties hereto is dissatisfied with the decision, the dispute shall be referred to the decision of the Arbitrator, who should be acceptable to both the parties, to be appointed by the Vice-Chancellor of the University. The decision of such Arbitrator shall be final and binding on both the parties.
23	Jurisdiction of Courts	Disputes, if any, arising during course of execution of the order are to be settled within the jurisdiction of Hyderabad / Ranga Reddy District Courts only.
24	Opening of tenders / bids	The bids will be opened in the Committee Room of the School of Mathematics & Statistics, University of Hyderabad, Hyderabad on 9.1.2020 (Thursday) at 3.30 pm in the presence of bidders or their authorised representatives. The authorised representative shall bring the authorisation letter and submit the same to the University before opening of bids. On failure to do so, the Representative loses the right to participate in the bid opening process.
25	Delay in submission	The University will not in any way be responsible for any postal / courier delay. Bids received beyond the stipulated date and time of submission are summarily rejected. Tenders incomplete in any respect will be summarily rejected.
26	Due date of submission of bids	Sealed Bids should be submitted to the office of the School of Mathematics & Statistics, University of Hyderabad, Gachibowli, Hyderabad - 500 046 on or before 8.1.2020 by 5 p.m.. Bids received thereafter shall not be considered.


Signature of Dean- In-charge

Name: Prof. C. Raghavendra Rao
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संकाय-अध्यक्ष / DEAN (Sle)
गणित और सांख्यिकी संकाय

School of Mathematics & Statistics
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