



Bid Number: GEM/2020/B/706265  
Dated: 10-07-2020

### Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 18:00:00
Bid Opening Date/Time	20-07-2020 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	45 (Days)
Ministry/State Name	Madhya Pradesh
Department Name	Department Of Higher Education Madhya Pradesh
Organisation Name	Government Holkar Science College Indore
Office Name	Indore
Total Quantity	1
Item Category	Video Conferencing End Point
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Certificate (Requested in ATC), OEM Authorization Certificate *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	No
Inspection Required	No

### EMD Detail

Required	No
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### ePBG Detail

Required	No
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### Splitting

Bid splitting not applied.

## Video Conferencing End Point ( 1 pieces )

### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Specification	<b>Type of End Point</b>	1+8 Multiparty Full HD	1+8 Multiparty Full HD
	Does it require mandatory registration with MCU	NA	*
	<b>Video Conferencing System Resolution</b>	1080p, 30 fps	1080p, 30 fps, 1080p, 60 fps, 4K, 30 fps, 4K, 60 fps Or higher
	Minimum Bandwidth Required for Specified video quality at End point/far-site end (Kbps)	1024	*
	<b>Type of Camera</b>	PTZ	PTZ Or higher
	<b>Camera Positioning System</b>	Preset	Automatic Voice Activated, Face Detection, Preset Or higher
	Type of sensor	CMOS	*
	Camera Control (focusing, brightness, and white balance)	Manual	*
	Multiple Camera System in case of Automatic Voice activated CameraTracking	NA	*
	<b>Optical zoom</b>	12X	10X, 12X, 20X, 22X, 30X Or higher
	Digital zoom	NA	*
	Field of View at zoom (Degree)	70	*
	Pan range Minimum to Maximum (+/- Degree)	90,-90	*
	Tilt Range (Degree)	20,-20	*
	Cord and Connector to be supplied	Yes	*
	System delivers Full HD video and voice & Full HD content for an overall Full HD	Yes	*

experience at specified bandwidth		
Video coding support Protocol	H.264 High Profile	*
System has G-722/ G-711/ G-729 or equivalent nt wideband audio coding support	Yes	*
<b>System supports sharing of video and graphics content during the video call</b>	1080p, 30fps	1080p, 30fps, 1080p, 60fps, 4k, 30fps, 4k, 60fps Or higher
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 microphone supported	3	*
<b>Number of microphone supplied</b>	3	3, 4, 5, 6, 7, 8 Or higher
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	*
<b>Wi Fi Connectivity</b>	Yes	Yes Or higher
<b>If Yes, Type of Wi Fi Connectivity</b>	Integrated	Integrated Or higher
System supports AES encryption video calls; System has Encryption On and Off capability	Yes	*
Video Codec shall support 16:9 format	Yes	*
Power supply: 230 + or - 10% volts, 50 Hz	Yes	*
Shall come with easy to	Yes	*

use infra-red hand held remote control / Touch Panel with operating distance		
All equipment are in compliance with the requirements of ITU-T (SIP Protocol & H Dot 323) Standard related to Video Conferencing	Yes	*
System to be IPv6 ready from day one	Yes	*
System uses standards based protocols & the offered system is inter operable with any existing H-323 AVC/SVC based VC equipment in a P to P call on VC end point; All H/W and S/W required to make it interoperable is included in the scope of supply	Yes	*
Number of Input DVI Ports	0	*
Number of Input HDMI or equivalent Ports	1	*
Number of Input USB Ports	1	*
Number of Output DVI Port	0	*
Number of Output HDMI or equivalent Port	3	*
Number of output USB Port	1	*
Calendering Feature	Yes	*
<b>Recording @1080p on the end point</b>	Yes	Yes Or higher
System supplied complete with the following components from the same OEM (a) Codec (b) Camera (c) At least one Microphones with suitable connectivity (d) Remote Control/Touch Panel (e) Data sharing capability	Yes	*

using H/W or S/W (f) Necessary Cables		
Type of Microphone	Omni Directional	*
System is also tropicalized and report available from ILAC/NABL/Govt Lab with all add on including Environmental Sequence	No	*
(a) Dry Heat- For 16 hrs at 55 deg C as per IS:9000/pt-3/sec-5/1977(b) Cold-For 4 hrs at 0 deg C as per IS:9000/pt-2/sec-4/1977 (c) Damp Heat- For 2 Cycles of 24 h each at 40 deg C & 95% RH as per IS:9000/pt-5/sec-1/1991 (All Reaffirmed 2007)	No	*
After each environmental test and a recovery period of two hours, the video conferencing system has been checked for complete functional parameters, and the results found satisfactory	No	*
Type Test Report from ILAC/NABL/Govt lab confirming conformance to above technical specifications - to be made available to buyer	No	*
BIS Registration under CRS of Meity	Yes	*
BIS Registration Number and its Validity	-	*
UL/CE certification	Yes	*
If Yes, UL/CE certificate Number (Corresponding UL/CE Certificate to be furnished when demanded by the buyer)	-	*

Minimum Operating temperature (Degree C)	0	*
Maximum Operating Temperature (Degree C)	40	*
Minimum Operating humidity (%RH)	10	*
Maximum Operating humidity (%RH)	80	*
Free installation and commissioning	Yes	*
<b>On Site OEM Warranty (Year)</b>	1	1, 3, 5 Or higher

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement ( allowed Values) by the Buyer.

### Additional Specification Documents

### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Gopal Das Gupta	452017,GOVT. HOLKAR SCIENCE COLLEGE BHAWARKUNA A B ROAD INDORE	1	60

### Bid Specific Additional Terms and Conditions

- 1. Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
- 2. Scope of supply (Bid price to include all cost components) :** Supply Installation Testing and Commissioning of Goods
- 3. IMPORTED PRODUCTS:** In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
- 4. Availability of Service Centres:** Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
- 5. Dedicated /toll Free Telephone No. for Service Support :** BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
- 6. Escalation Matrix For Service Support :** Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
- 7. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.**

[This Bid is also governed by the General Terms and Conditions](#)

**---Thank You---**