

Bid Document

Bid Details	
Bid End Date/Time	21-07-2020 17:00:00
Bid Opening Date/Time	21-07-2020 17:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	50 (Days)
Ministry/State Name	Ministry Of Environment Forest And Climate Change
Department Name	Na
Organisation Name	Indian Council Of Forestry Research And Education (icfre)
Office Name	Forest Research Institute, Dehradun
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	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	Type of End Point	Point to Point upgradable	Point to Point, non upgradable, Point to Point upgradable, 1+3 Multiparty Full HD, 1+5 Multiparty Full HD, 1+7 Multiparty Full HD, 1+8 Multiparty Full HD, 1+9 Multiparty Full HD, 1+15 Multiparty Full HD, 1+19 Multiparty Full HD, 1+23 Multiparty Full HD
	Does it require mandatory registration with MCU	NA	*
	Video Conferencing System Resolution	1080p, 60 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)	2048	*
	Type of Camera	PTZ	Non PTZ, PTZ Or higher
	Camera Positioning System	Preset	Automatic Voice Activated, Face Detection, Preset Or higher
	Type of sensor	CMOS	*
	Camera Control (focusing, brightness, and white balance)	Automatic	*
	Multiple Camera System in case of Automatic Voice activated CameraTracking	NA	*
	Optical zoom	10X	3X, 4X, 5X, 10X, 12X, 20X, 22X, 30X, 2X, NA Or higher
	Digital zoom	NA	*
	Field of View at zoom	65	*

(Degree)		
Pan range Minimum to Maximum (+/- Degree)	100,-100	*
Tilt Range (Degree)	20,-30	*
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.264 SVC,H.264 High Profile	*
System has G-722/ G-711/ G-729 or equivalent nt wideband audio coding support	Yes	*
System supports sharing of video and graphics content during the video call	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	4	*
Number of microphone supplied	2	1, 2, 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	*
Wi Fi Connectivity	No	Yes, No Or higher
If Yes, Type of Wi Fi	NA	Integrated, External,

Connectivity		NA 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 use infra-red hand held remote control / Touch Panel with operating distance	Yes	*
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	2	*
Number of Input USB Ports	2	*
Number of Output DVI Port	0	*
Number of Output HDMI or equivalent Port	2	*
Number of output USB Port	0	*
Calendering Feature	Yes	*
Recording @1080p	No	Yes, No Or higher

on the end point		
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 using H/W or S/W (f) Necessary Cables	Yes	*
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	NA	*

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)	15	*
Maximum Operating humidity (%RH)	80	*
Free installation and commissioning	Yes	*
On Site OEM Warranty (Year)	5	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	MANOJ KUMAR	248006,Forest Research Institute P.O.New Forest, Dehradun 248006	1	20

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
2. 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.
3. Preference to Make In India products (For bids less than 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by

concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document 50%. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

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. The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST. Applicable Concessional rate of GST : 5%
Notification No.and date : No. TU/V/RG-CDE(662)/2016 dated 19/09/2016

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

---Thank You---