



Bid Number: GEM/2020/B/708710
Dated: 14-07-2020

Bid Document

Bid Details	
Bid End Date/Time	24-07-2020 11:00:00
Bid Opening Date/Time	24-07-2020 11:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	80 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence Production
Organisation Name	Indian Ordnance Factories
Office Name	*****
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
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	5.00
Duration of ePBG required (Months).	14

(a). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

PCA (FYS)
PCA(FYS), KOLKATA
(Principal Controller Of Accounts)

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 upgradable
	Does it require mandatory registration with MCU	NA	*
	Video Conferencing System Resolution	1080p, 60 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	*
	Type of Camera	Non PTZ	Non PTZ, PTZ Or higher
	Camera Positioning System	Automatic Voice Activated	Automatic Voice Activated, Face Detection Or higher
	Type of sensor	CMOS	*
	Camera Control (focusing, brightness, and white balance)	Automatic	*
	Multiple Camera System in case of Automatic Voice activated CameraTracking	Single	*
	Optical zoom	NA	3X, 4X, 5X, 10X, 12X, 20X, 22X, 30X, 2X, NA Or higher
	Digital zoom	3X	*
	Field of View at zoom (Degree)	80	*
	Pan range Minimum to Maximum (+/- Degree)	0	*
	Tilt Range (Degree)	0	*

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.264AVC,H.265	*
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	2	*
Number of microphone supplied	1	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	Yes	Yes Or higher
If Yes, Type of Wi Fi Connectivity	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 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	1	*
Number of Input USB Ports	0	*
Number of Output DVI Port	0	*
Number of Output HDMI or equivalent Port	2	*
Number of output USB Port	0	*
Calendering Feature	No	*
Recording @1080p on the end point	No	Yes, No Or higher
System supplied complete with the following components from the same OEM (a) Codec (b) Camera (c)	Yes	*

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		
Type of Microphone	Integrated	*
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)	90	*
	Free installation and commissioning	Yes	*
	On Site OEM Warranty (Year)	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	*****	*****DEHRADUN	1	60

Bid Specific Additional Terms and Conditions

1. 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.
2. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
3. Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and

Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid

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

---Thank You---