

### Bid Document

Bid Details	
Bid End Date/Time	01-02-2021 16:00:00
Bid Opening Date/Time	01-02-2021 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	65 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence Production
Organisation Name	Mazagon Dock Shipbuilders Limited
Office Name	*****
Total Quantity	6
Item Category	Speakerphone , Video Conferencing Camera
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance *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
Past Performance	50 %
Bid to RA enabled	No
Primary product category	Video Conferencing Camera
Time allowed for Technical Clarifications during technical evaluation	5 Days
Inspection Required	No
Evaluation Method	Total value wise evaluation

#### EMD Detail

Required	No
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#### ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	10.00
Duration of ePBG required (Months).	37

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

**Beneficiary:**

PSU

IT PURCHASE SECTION, Mazagon Dock Shipbuilders Limited, DOCKYARD ROAD, MUMBAI 400010  
(Mazagon Dock Shipbuilders Limited)**Splitting**

Bid splitting not applied.

**MII Purchase Preference**

MII Purchase Preference	Yes
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**MSE Purchase Preference**

MSE Purchase Preference	Yes
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1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
2. Preference to Make In India products (For bids < 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. 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. However, eligible micro and small enterprises will be allowed 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.
3. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer)of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 100%(selected by Buyer) percentage of total QUANTITY.
4. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

**Speakerphone ( 1 pieces )**

(Minimum 50% Local content required for MII compliance)

**Technical Specifications**

\* As per GeM Category Specification

Specification	Specification Name	Bid Requirement (Allowed Values)
TYPE	<b>Professional Speakerphone allows to connect with software video conferencing system(UC System)</b>	Yes
	<b>Digital Signal Processing (DSP ) technology</b>	Yes
MICROPHONE	<b>Number of Microphones</b>	1, 2, 3, 4, 5, 6 Or higher
MISCELLANEOUS	<b>On Site OEM Warranty (Year)</b>	3 Or higher

**Additional Specification Parameters - Speakerphone ( 1 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
Deliverable	Microphone with Speaker, Usb Cables with usb extenders to increase the length to 25 mtrs, power cables any other component to complete the solution.
TYPE	Professional Speakerphone allows to connect with software video conferencing system(UC System)- Yes Digital Signal Processing (DSP ) technology - Yes MICROPHONE Number of Microphones - 1 no Type of Microphones - Omni Directonal Frequency Response (Tx) Minimum (kHz)- 50 -169
SPEAKER	Frequency Response (Rx) Minimum (kHz) 20-20kHz Volume - 85 dBA Volume Adjustable- Yes
CONNECTIVITY	USB Connectivity - 1x USB 2.0 or higher Auxilliary Audio Output Through Audio Jack - 1x 3.5 mm audio interface
FUNCTIONS REQUIRED	Volume up and down - Yes Mute / Unmute Microphone- Yes Dimensions (mm x mm) - max (75mm X 30mm) Accessories to be Supplied - usb cable (plus extension cable to expand till 10 mtr) Operating System Support - Windows(8, 10), Linux, On Site OEM Warranty - 3 years

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****MUMBAI	1	15

**Speakerphone ( 2 pieces )**

(Minimum 50% Local content required for MII compliance)

**Technical Specifications**

\* As per GeM Category Specification

Specification	Specification Name	Bid Requirement (Allowed Values)
TYPE	<b>Professional Speakerphone allows to connect with software video conferencing</b>	Yes

	<b>system(UC System)</b>	
	<b>Digital Signal Processing (DSP ) technology</b>	Yes
MICROPHONE	<b>Number of Microphones</b>	6 Or higher
MISCELLANEOUS	<b>On Site OEM Warranty (Year)</b>	3 Or higher

**Additional Specification Parameters - Speakerphone ( 2 pieces )**

<b>Specification Parameter Name</b>	<b>Bid Requirement (Allowed Values)</b>
Microphone with Speaker Deliverable	Deliverable: Microphone with Speaker, Usb Cables with usb extenders to increase the length to 25 mtrs, power cables any other component to complete the solution.
TYPE & Microphone Details	Number of Microphones 6 (Built-in 4 nos & additional 2 nos extension microphones) Type of Microphone- Table Top Frequency Response (Tx) Minimum (KHz)- 100Hz to 16 KHz speaker output - min 92 dB
SPEAKER	Frequency Response (Rx) Minimum (KHz)- 100Hz to 16 KHz Volume Adjustable Yes Enhanced Audio Features Echo Cancellation - Yes Automatic Gain Control - Yes Noise Reduction - Yes
CONNECTIVITY , FUNCTIONS AVAILABLE & OTHERS	CONNECTIVITY USB Connectivity- Yes (1x Usb 2.0 or higher) Auxiliary Audio Output Through Audio Jack - Yes (1 x stereo line out) PSTN Yes FUNCTIONS AVAILABLE End or Reject Call- Yes Volume up and down- Yes Mute / Unmute Microphone- Yes ONSITE WARRANTY - 3 YEARS

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****MUMBAI	2	15

**Video Conferencing Camera ( 1 pieces )**

(Minimum 50% Local content required for MII compliance)

**Technical Specifications**

\* As per GeM Category Specification

<b>Specification</b>	<b>Specification Name</b>	<b>Bid Requirement (Allowed Values)</b>
Specification	<b>Type of Camera</b>	PTZ Or higher
	<b>Resolution</b>	1080p, 30fps, 1080p, 60fps, 4K, 30fps, 4K, 60fps Or higher
	<b>Zoom Range Optical</b>	10X, 12X, 20X, 22X, 30X Or higher
	<b>Zoom Range Digital</b>	10X, 12X Or higher
	<b>Camera Positioning System</b>	Automatic Voice-activated, Face Detection, Preset, Manual Or higher
	Type of Sensor	CCD, CMOS, MOS Or higher
	Camera Control (focusing, brightness, and white balance)	Automatic Or higher
	<b>Input/Output Port</b>	USB 2.0
Availability of test reports to prove	Yes, No	



	conformity to the specifications (Furnished when demanded by buyer )	
	<b>On Site OEM Warranty (Year)</b>	3, 5 Or higher

**Additional Specification Parameters - Video Conferencing Camera ( 1 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
PTZ Video Conferencing Camera	1080p, 30fps Resolution FHD 1080p 10X (H.264)) Deliverables: PTZ Camera, Usb Cables with usb extenders to increase the length to 25 mtrs, HDMI Cable of 25 meters in length,power cables and any other component to complete the solution
TYPE	Type of Camera - PTZ Resolution- 1080p, 30fps (H.264, MJPEG) scanning mode - progressive Sensor- CMOS 1/2.7" Zoom Range Optical- min 10X Zoom Range Digital- min 12X Minimum illumination - 0.5 Lux Digital Noise Reduction - 2D & 3D Digital noise reduction. S/N >= 55dB Field of View (Degree)- 55
OTHERS	Pan Range (Minimum to Maximum (+/-Degree)- 170,-170 Tilt Range (Minimum to Maximum (+/-Degree)- -30,90 Camera Positioning System- Preset (No of preset 255) Camera Control (focusing, brightness, and white balance)- Automatic Input/Output Port - 1x USB 2.0 or higher Operating System Support - Windows(8, 10), Linux certification -UL/CE On Site OEM Warranty - 3 years

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****MUMBAI	1	15

**Video Conferencing Camera ( 2 pieces )**

(Minimum 50% Local content required for MII compliance)

**Technical Specifications**

\* As per GeM Category Specification

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	<b>Type of Camera</b>	PTZ Or higher
	<b>Resolution</b>	1080p, 60fps, 4K, 30fps, 4K, 60fps Or higher
	<b>Zoom Range Optical</b>	10X, 12X, 20X, 22X, 30X Or higher
	<b>Zoom Range Digital</b>	2X, 3X, 4X, 5X, 8X, 10X, 12X, NA Or higher
	<b>Camera Positioning System</b>	Automatic Voice-activated, Face Detection, Preset, Manual Or higher
	Type of Sensor	CCD, CMOS, MOS Or higher
	Camera Control (focusing, brightness, and white balance)	Automatic Or higher
	<b>Input/Output Port</b>	RJ45, HDMI, USB 3.0
	Avallability of test reports to prove conformity to the specifications (Furnished when demanded by buyer )	Yes, No

<b>On Site OEM Warranty (Year)</b>	3, 5 Or higher
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**Additional Specification Parameters - Video Conferencing Camera ( 2 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
PTZ VIDEO CONFERENCING CAMERA	PTZ Video Conferencing Camera (Type 2) 1080p, 60fps Resolution (12 X) Deliverables: Camera, Usb Cables with usb extenders to increase the length to 25 mtrs, HDMI Cable 25 mtr in length, power cables any other component to complete the solution
CAMERA SPECS	Type of Camera- PTZ, Scanning Mode - Progressive, Resolution - 1080p, 60fps (H.264, MJPEG), Zoom Range Optical- min 12X, Zoom Range Digital- min 12X, Field of View (Degree)- min 72.5 degrees, Pan Range (Minimum to Maximum (+/-Degree) - 175,-175, Tilt Range (Minimum to Maximum (+/-Degree)- -30,90, Camera Positioning System - Preset (No of Preset min 255), Type of Sensor- CMOS 1/2.7", min illumination 0.5 Lux, S/N >=55 dB, Video Compression - H.264/MJPEG, Supported protocols TCP/IP, HTTP.
OTHER SPECS	Audio compression AAC Audio bit rate 96 Kbps, 128 Kbps, 256 Kbps Audio 1 ch 3.5 mm Audio Interface USB 2x USB 2.0 or higher Network 1x Rj 45 10/100 HD output 1x HDMI Camera Control (focusing, brightness, and white balance) - Automatic Input/Output Port- HDMI,USB 3.0 Operating System Support - Windows(8, 10), Linux certification -UL/CE On Site OEM Warranty - 3 years
SCOPE OF WORK	Supply installation and commissioning of PTZ Cameras & Speaker Microphones. the camera and speaker microphone should work as a set and should get connected to the Laptop/Desktop/AIO using USB port and should be used for cloud based VC like zoom, Teams, Webex, Skype and any other cloud based VC. All the accessories, power cables, USB & extenders,HDMI etc to be provided. warranty -3 years. Support should be onsite.

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****MUMBAI	2	15

**Bid Specific Additional Terms and Conditions**

- 1.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.
- 2.Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

This Bid is also governed by the General Terms and Conditions

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

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