



Bid Number: GEM/2021/B/984689
Dated: 21-01-2021

Bid Document

Bid Details	
Bid End Date/Time	11-02-2021 15:00:00
Bid Opening Date/Time	11-02-2021 15:30:00
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	5
Item Category	Professional Large Format Display (PAC Only)
Bidder Turnover (Last 3 Years)	2 Lakh (s)
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,Bidder Turnover,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
Past Performance	50 %
Bid to RA enabled	No
Primary product category	Professional Large Format Display
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

Required	No
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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.

Professional Large Format Display (1 pieces) (Under PAC)

(Minimum 20% Local content required for MII compliance)

Make	samsung
Model	samsungqb65r(for5yearsarranty)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Bid Requirement (Allowed Values)
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Ungrouped	Screen Size (Diagonal) Minimum (cm)	164, 175, 189, 216, 247, 203, 228, 304, 254 Or higher
	Technology	LED Backlit
	Screen Type	Non Touch
	Panel Technology	Vertical Alignment (VA)
	Orientation	Portrait and Landscape
	Native Resolution (Pixels)	3840 x 2160 (UHD)
	Aspect Ratio	16:9
	Brightness (Nits) Minimum	350, 400, 450, 500, 600, 700, 1000, 1500 Or higher
	Native Contrast Ratio (Minimum)	40001
	Arrangement of Speakers	Inbuilt
	RS 232C Port	Available
	RJ 45	Available
	In built Sinage Software	Available
	Duty Cycle	16 x 7
	BIS Registration under CRS of Meity	Yes
	On Site OEM Warranty (Year)	5

Additional Specification Parameters - Professional Large Format Display (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
SAMSUNG MAKE LARGE DISPLAY (LED) 65 Inch COMMERCIAL DISPLAY (LED)	1. Panel a. Diagonal Size - 65 inch b. Type- LED Backlit c. Resolution - 3840*2160 (4K UHD) d. Brightness(Typ.)- min 500 nit e. Contrast Ratio- 4000:1 f. Viewing Angle(H/V) 178/178 g. Response Time- 8ms or better h.operation Hour-24/7 i. Haze - 25%
DISPLAY AND SOUND	2.DISPLAY a.H-Scanning Frequency 30 ~ 81kHz b.V-Scanning Frequency 48 ~ 75HZ c.Maximum Pixel Frequency 594MHz 3. Sound a. Speaker Type - Built in Speaker(10W + 10W)
CONNECTIVITY AND POWER	4. Connectivity i. Input a. RGB- DVI-D, Display Port 1.2 (1) b. Video- HDMI 2.0 (min 2 nos) c. HDCP - HDCP2.2 d. Audio-Stereo mini Jack, DVI, HDMI e. USB - USB 2.0 x 2nos ii. Output a. RGB- HDMI 2.0 (Loop-out) b. Audio- Stereo mini Jack iii. External Control- RS232C(in/out) thru stereo jack, RJ45 iv. External Sensor-IR 5. Power Type- Internal Power Supply- AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
OTHER SPECIFICATIONS	5. Power Type-Internal Power Supply- AC 100 - 240 V~ (+/- 10 %), 50/60 Hz 6. Certification a. BIS certified. 7 Additional Features a. Bracket/ Stand: Fixed on table b. Accessory: Remote Controller, Power Cord, Manual CD,RGB cable, Inbuilt Signage Software c. warranty - 5 years Make - Samsung QM65R or equivalent / higher samsung model

* 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	42

Professional Large Format Display (2 pieces) (Under PAC)

(Minimum 20% Local content required for MII compliance)

Make	samsung
Model	samsungqb55r(5years)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Bid Requirement (Allowed Values)
Ungrouped	Screen Size (Diagonal) Minimum (cm)	138, 164, 175, 189, 216, 247, 152, 203, 228, 304, 254 Or higher
	Technology	LED Backlit
	Screen Type	Non Touch
	Panel Technology	Vertical Alignment (VA)
	Orientation	Portrait and Landscape
	Native Resolution (Pixels)	3840 x 2160 (UHD)
	Aspect Ratio	16:9
	Brightness (Nits) Minimum	350, 400, 450, 500, 600, 700, 1000, 1500 Or higher
	Native Contrast Ratio (Minimum)	40001
	Arrangement of Speakers	Inbuilt
	RS 232C Port	Available
	RJ 45	Available
	In built Sinage Software	Available
	Duty Cycle	16 x 7
	BIS Registration under CRS of Meity	Yes
On Site OEM Warranty (Year)	5	

Additional Specification Parameters - Professional Large Format Display (2 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
SAMSUNG MAKE .55 Inch COMMERCIAL DISPLAY (LED)	1. Panel a. Diagonal Size - 55 inch b. Type- LED Backlit c. Resolution - 3840*2160 (4K UHD) d. Brightness(Typ.)- min 350 nit e. Contrast Ratio- 4000:1 f. Viewing Angle(H/V) 178/178 g. Response Time- 8ms or better h. operation Hour-16/7 i. Haze - 25%
DISPLAY AND SOUND	2. Display a.H-Scanning Frequency-30 ~ 81kHz b.V-Scanning Frequency-48 ~ 75HZ c.Maximum Pixel Frequency- 594MHz 3. Sound a. Speaker Type - Built in Speaker(10W + 10W)
CONNECTIVITY AND POWER	4. Connectivity i.Input a. RGB- DVI-D, Display Port 1.2 (1) b. Video- HDMI 2.0 (min 2 nos) c. HDCP - HDCP2.2 d. Audio-Stereo- mini Jack, DVI, HDMI e. USB - min USB 2.0 x 2nos ii. Output a. Audio- Stereo mini Jack iii. External Control- RS232C(in/out) thru stereo jack, RJ45 iv. External Sensor-IR 5. Power Type-Internal Power Supply- AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
OTHER SPECIFICATIONS.	6. Certification a. BIS certification, 7 Additional Features a. Bracket/Stand: Wall Mount b. Accessory: Remote Controller, Power Cord, Manual CD,RGB cable, Inbuilt Signage Software c. RJ45 (LAN Port) d. warranty - 5 years Make- Samsung QM55R or equivalent / higher Samsung model

* 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	42

Professional Large Format Display (2 pieces) (Under PAC)

(Minimum 20% Local content required for MII compliance)

Make	samsung
Model	samsungqm43r

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Bid Requirement (Allowed Values)
Ungrouped	Screen Size (Diagonal) Minimum (cm)	108, 121, 138, 164, 175, 189, 216, 247, 152, 203, 228, 304, 254 Or higher
	Technology	LED Backlit
	Screen Type	Non Touch
	Panel Technology	Vertical Alignment (VA)
	Orientation	Portrait and Landscape
	Native Resolution (Pixels)	3840 x 2160 (UHD)
	Aspect Ratio	16:9
	Brightness (Nits) Minimum	500, 600, 700, 1000, 1500 Or higher
	Native Contrast Ratio (Minimum)	40001
	Arrangement of Speakers	Inbuilt
	RS 232C Port	Available
	RJ 45	Available
	In built Sinage Software	Available
	Duty Cycle	24 x 7
	BIS Registration under CRS of Meity	Yes
On Site OEM Warranty (Year)	5	

Additional Specification Parameters - Professional Large Format Display (2 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
SAMSUNG MAKE 43 Inch COMMERCIAL DISPLAY (LED)	1. Panel a. Diagonal Size - 43 inch b. Type- LED BACKLIT c. Resolution - 3840*2160 (4K UHD) d. Brightness (Typ.) - min 400 nit e. Contrast Ratio- 4000:1 f. Viewing Angle (H/V) 178/178 g. Response Time- 8ms or better h. operation Hour- min 16/7 or higher i. Haze - 44%
DISPLAY AND SOUND	2. Display a.H-Scanning Frequency-30 ~ 81kHz b.V-Scanning Frequency-48 ~ 75HZ c.Maximum Pixel Frequency- 594MHz 3. Sound a. Speaker Type - Built in Speaker(10W + 10W)
CONNECTIVITY AND POWER	4. Connectivity Input a. RGB- DVI-D, Display Port 1.2 (1) b. Video- HDMI 2.0 (min 2 nos) c. HDCP - HDCP2.2 d. Audio-Stereo- mini Jack, DVI, HDMI e. USB - min USB 2.0 x 2nos Output a. Audio- Stereo mini Jack iii. External Control- RS232C(in/out) thru stereo jack, RJ45 iv. External Sensor-IR 5. Power Type-Internal Power Supply- AC

	100 - 240 V~ (+/- 10 %), 50/60 Hz
OTHER SPECIFICATIONS	6. Certification a. BIS certification 7 Additional Features a. Bracket/ Stand: Wall Mount b. Accessory: Remote Controller, Power Cord, Manual CD,RGB cable, inbuilt Signage Software c. RJ45 (LAN Port) d. warranty - 5 years Make- Samsung QM43R or equivalent / higher Samsung model

* 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	42

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.Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
- 4.For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
 - a. Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
 - b. Execution certificate by client with order value.
 - c. Any other document in support of order execution like Third Party Inspection release note, etc.
- 5.Warranty period of the supplied products shall be 5 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

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---