

Bid Document

Bid Details	
Bid End Date/Time	06-08-2021 10:00:00
Bid Opening Date/Time	06-08-2021 10:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Military Affairs
Organisation Name	Indian Air Force
Office Name	*****
Total Quantity	7
Item Category	Workstation , Headset
Minimum Average Annual Turnover of the Bidder	7 Lakh (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	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
Bid to RA enabled	No
Primary product category	Workstation
Time allowed for Technical Clarifications during technical evaluation	5 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Estimated Bid Value	1577457
Evaluation Method	Item wise evaluation

EMD Detail

Required	No
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ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	36

(a). The EMD % will be applicable for each schedule/group selected during Bid creation.

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

Beneficiary:

COMMANDANT

Bangalore, Department of Military Affairs, Indian Air Force, Ministry of Defence

(Air Force Public Fund Account Sdi)

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. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

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 25%(selected by Buyer) percentage of total QUANTITY.

4. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

5. Short Duration Bid has been published by the Buyer with the approval of the Competent authority due to Emergency procurement of critical products/services.

Evaluation Method (Item Wise Evaluation Method)

Contract will be awarded schedulewise and the determination of L1 will be done separately for each schedule. The details of item-consignee combination covered under each schedule are as under:

Evaluation Schedules	Estimated Value	Item/Category	Quantity
Schedule 1	1552200	Workstation	4
Schedule 2	25257	Headset	3

Workstation (4 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Type	Form Factor	Desktop
Processor	Processor Make	Intel
	Processor Generation	NA, 10 Or higher
	Number of Cores per Processor	4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 64 Or higher
	Processor Base Frequency (GHz)	2.9, 3, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 4, 4.1, 4.2, 4.3, 5.2 Or higher
	Processor Description	Intel Xeon W Series, Intel Xeon Bronze Series, Intel Xeon Silver Series, Intel Xeon Gold Series, Intel Xeon Platinum Series Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
	Processor Number	Intel Xeon E-2124, Intel Xeon E-2124G, Intel Xeon E-2126G, Intel Xeon E-2134, Intel Xeon E-2136, Intel Xeon E-2144G, Intel Xeon E-2146G, Intel Xeon E-2174G, Intel Xeon E-2186G, Intel Xeon W-2102, Intel Xeon W-2104, Intel Xeon W-2123, Intel Xeon W-2133, Intel Xeon W-2135, Intel Xeon W-2145, Intel Xeon W-2155, Intel Xeon W-2175, Intel Xeon W-2195, Intel Xeon E-2224, Intel Xeon E-2226G, Intel Xeon E-2234, Intel Xeon E-2236, Intel Xeon E-2246G, Intel Xeon E-2276G, Intel Xeon E-2278G, Intel Xeon E-2286G, Intel Xeon E-2288G, Intel Xeon E-2176G, Intel Xeon E-2244G, Intel Xeon E-2274G, Intel Xeon W-3223, Intel Xeon W-3225, Intel Xeon W-3235, Intel Xeon W-3245, Intel Xeon W-3245M, Intel Xeon W-3265, Intel Xeon W-3265M, Intel Xeon W-3275, Intel Xeon W-3275M, Intel Xeon W-2235, Intel Xeon W-2255, Intel Xeon W 10855M, Intel Xeon W 10885M, Intel Xeon W 1290P, Intel Xeon W 1290, Intel Xeon W 1270P, Intel Xeon W 1270, Intel Xeon W 1250P, Intel Xeon W 1250, Intel Xeon W-2223, Intel Xeon W-2225, Intel Xeon W-2245, Intel Xeon W-2265, Intel Xeon W-2275, Intel Xeon W-2295, Xeon 2286M, Xeon 2276M Or higher
	Number of Sockets populated with the Processors	1, 2 Or higher
	Cache (MB)	8.25 - 64.0 Or higher
	Out of Band Management	Intel vPro, AMD DASH Or higher
Motherboard	Chipset Number	Intel C422, Intel C621, Intel C622, Intel C624, Intel X99, Intel X299 Or higher
	Expansion Slots (PCIe x 1) (Number)	0, 1, 2, 3, 4 Or higher
	Expansion Slots (PCIe x 4) (Number)	2, 3 Or higher
	Expansion Slots (PCIe x 8) (Number)	1, 2 Or higher
	Expansion Slots (PCIe x 16) (Number)	2, 3, 4 Or higher
Graphics	Graphics Type	Dedicated/Discrete
	Number of Graphic Cards	1, 2, 3, 4 Or higher
	Graphic Card Description	nVIDIA Quadro P2000 5GB, nVIDIA Quadro P3000 6GB, nVIDIA Quadro RTX 3000 6GB, nVIDIA Quadro P4000 8GB, nVIDIA Quadro RTX 4000 8GB, nVIDIA Quadro P5000 16GB, nVIDIA Quadro RTX 5000 16GB, nVIDIA Quadro P6000 24GB, nVIDIA Quadro GP100 16GB, nVIDIA Quadro RTX 6000 24GB, nVIDIA Quadro RTX 8000 48GB, nVIDIA Quadro GV100 32GB, nVIDIA Tesla V100 SXM2 32GB, NVIDIA Quadro P2200 5GB GDDR5 Or higher
Operating System	Operating System (Factory Pre-Loaded)	Windows 10 Professional 64 bit

Specification	Specification Name	Bid Requirement (Allowed Values)
Applications	Applications Compatible with the Workstation (Requisite document may be furnished as and when demanded by the buyer)	Avid Media Composer, Dassault Systèmes CATIA, Dassault Systèmes SolidWorks, PTC Creo, Siemens NX
Memory	RAM Speed (MHz)	2400, 2666, 2933 Or higher
	Type of Memory	ECC
	RAM Size (GB)	16, 32, 64, 128, 256, 512, 1024, 2048, 3072, 4096, 48, 96, 192, 384, 768, 1536 Or higher
	RAM Expandability upto using spare DIMM Slots (GB)	512, 1024, 3072, 4096, 1536, 2048, 768 Or higher
Primary Storage /Boot Drive	Type of Drives used to populate the internal Bays	SSD
	Number of Drives	1
	RAID for Operating System	NA
	Capacity of each Drive (GB)	2048, 4000, 4096, 8000, 6000 Or higher
Secondary Storage	Type of Drives used to populate the Internal Bays	NA
	Number of Internal Bays populated with SATA Drive	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
	Each SATA Drive Capacity (GB)	500, 1000, 2000, 4000, 8000, 0, 6000 Or higher
	Speed of each SATA Drive (RPM)	7200 Or higher
	Total SATA Drive Capacity (GB)	500, 1000, 2000, 4000, 8000, 3000, 5000, 6000, 7000, 9000, 12000, 16000, 20000, 24000, 28000, 32000, 0 Or higher
	Number of Internal Bays populated with SAS Drive	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
	Capacity of each SAS Drive (GB)	300, 600, 900, 1200, 1800, 800, 0, 4000 Or higher
	Speed of each SAS Drive (RPM)	10000, 15000, 0, 7200 Or higher
	Total SAS Drive Capacity (GB)	300, 600, 900, 1200, 1800, 2100, 0, 4000 Or higher
	Number of Internal Bays populated with SSD Drive	1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
	Capacity of each SSD Drive (GB)	2048 Or higher
	Total SSD Capacity (GB)	2048, 4096, 5120, 3072 Or higher
	Number of Internal Bays populated with PCIe Drive	0, 1, 2, 3, 4, 5, 6, 7, 8 Or higher
	Capacity of each PCIe Drive (GB)	128, 256, 512, 1024, 2048, 0 Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
	Total PCIe Drive Capacity (GB)	128, 256, 512, 1024, 2048, 4096, 0, 1536, 6144 Or higher
	Class of PCIe Drives	Class 20, Class 30, Class 35, Class 40, Class 50, NA Or higher
RAID	RAID level	0, 1, 5, 1+0
	Number of RAID Controller Ports	6, 7, 8, 10 Or higher
	Speed of RAID Controller Ports (Gbps)	6, 12 Or higher
	RAID Controller Cache (GB)	0, 1, 2, 4, 6, 8 Or higher
Connectivity	Type of Ethernet Ports	Dual Gigabit NIC 10/100/1000
	Number of Ethernet Ports	2, 3, 4, 6 Or higher
	Wireless Connectivity	Yes, No Or higher
	If Yes, Type of Wireless Connectivity	Wi-Fi 802.11b/g/n, Wi-Fi 802.11ac, NA Or higher
	Bluetooth Connectivity	Yes, No Or higher
	If Yes, Version of Bluetooth Available	4, 4.1, 4.2, 5, 0 Or higher
Ports	Number of USB Version 2 Point 0 Ports	0, 1, 2, 3, 4, 5, 6 Or higher
	Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports	10 Or higher
	Number of USB Version 3 point 1, Gen 2 Ports	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
	Number of USB Type C Ports	0, 1, 2 Or higher
	Number of VGA Ports	0, 1 Or higher
	Number of HDMI Ports	0, 1 Or higher
	Number of Mini DP Ports	0, 1, 2, 4, 6, 8, 12, 3, 9, 16 Or higher
	Number of DP Ports	4, 6, 8, 9, 12, 16 Or higher
Display	Display Availability	NA
	Display Size (cm)	35 - 39, 40 - 44, 45 - 49, 49.5 - 53.5, 54 - 56, 58- 61, 63 - 67, 68- 71, 72- 81, 82 - 87, 88 - 93, 94 - 97, 98 - 105, 107 - 110, 111 - 115, 116 - 120, 121 - 125, 126 - 130, NA Or higher
	Display Type	Non Touch, Touch, NA Or higher
	Panel Type	Flat, Curved, NA Or higher
	Panel Technology	IPS, TN, VA, OLED, NA Or higher
	Display Resolution (Pixels)	1366x768, 1440 x 900, 1600 x 900, 1920x1080, 1920 x 1200, 3200x1800, 3840 x 2160, 2560 x 1080, 2560 x 1440, 2560 x 1600, 3440 x 1440, 3840 x 1600, 5120 x 1440, 7680 x 4320, NA Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
	LED Backlit	Yes, No, NA Or higher
	TCO Compliance for Monitor	NA
	Colour Gamut	100% AdobeRGB, 100% sRGB, 100% Rec 709, 98% DCI-P3, 99% sRGB, 90% CIE1976, 75% CIE 1931, 45% Color Gamut, 72% Color Gamut, 72sRGB, 92% sRGB, 95% sRGB, NA Or higher
	Monitor Stand	Height Adjustable, Standard, NA Or higher
Power	Minimum Power Efficiency (%)	90 Or higher
	Redundant Power Supply	Yes, No Or higher
Input Devices	Mouse Connectivity, If available	Wired, Wireless Or higher
	Type of Mouse, If available	Optical Scroll
	Keyboard Connectivity, if available	Wired, Wireless Or higher
	Type of Keyboard, if available	Standard, Bilingual, Standard with Rupee Symbol Or higher
	Type of Keyboard in case of Mobile Workstation	Backlit, Non Backlit, NA Or higher
Generic	Optical Drive	Blue Ray Drive, NA
	Security	H/W Based
	Docking Station for Mobile Workstation	Yes, No Or higher
	Type of Bundled Software	Remote Collaboration Software & Performance Advisor Or higher
	Finger Print Reader in case of Mobile Workstation	Yes, No, NA Or higher
	Carry Case in case of Mobile Workstation	Back Pack, With Shoulder Strap, NA Or higher
Warranty	Battery Warranty in case of Mobile Workstation	1, 2, 3, 0 Or higher
	On Site OEM Warranty (Year)	3, 4, 5 Or higher

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****Bangalore	4	30

Headset (3 pieces)

(Minimum 75% Local content required for MII compliance)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	Type of Headset	On-Ear
	Ear coupling	intra-aural
	Microphone	Yes
	Connectivity	Wired
	Transducer principle	Dynamic
	Speaker Driver Size (mm)	96
	Pick-up pattern	Omnidirectional
	On site OEM Warranty	1

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****BANGALORE	3	30

Buyer Added 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. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
3. 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.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent

Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. If any seller has any objection / grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[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---