

## Bid Document

Bid Details	
<b>Bid End Date/Time</b>	17-08-2021 11:00:00
<b>Bid Opening Date/Time</b>	17-08-2021 11:30:00
<b>Bid Life Cycle (From Publish Date)</b>	90 (Days)
<b>Bid Offer Validity (From End Date)</b>	65 (Days)
<b>Ministry/State Name</b>	Ministry Of Defence
<b>Department Name</b>	Department Of Defence Research & Development
<b>Organisation Name</b>	Aeronautical Development Agency
<b>Office Name</b>	*****
<b>Total Quantity</b>	2
<b>Item Category</b>	Workstation
<b>MSE Exemption for Years of Experience and Turnover</b>	No
<b>Startup Exemption for Years of Experience and Turnover</b>	No
<b>Document required from seller</b>	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
<b>Bid to RA enabled</b>	Yes
<b>Time allowed for Technical Clarifications during technical evaluation</b>	3 Days
<b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b>	No
<b>Evaluation Method</b>	Total value 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).	38

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

**Beneficiary:**

Senior Commercial Officer II

Bangalore/south, Department of Defence Research & Development, AERONAUTICAL DEVELOPMENT AGENCY,  
Ministry of Defence  
(Savitha Somashekar)

**Splitting**

Bid splitting not applied.

**MII Purchase Preference**

MIIPurchase Preference	Yes
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**MSE Purchase Preference**

MSEPurchase Preference	Yes
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1. 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.

2. 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.

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

**Workstation ( 2 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	12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 64 Or higher
	Processor Base Frequency (GHz)	2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 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 Silver Series, Intel Xeon Gold Series, Intel Xeon Platinum Series Or higher
	Processor Number	Intel Xeon Gold 5120, Intel Xeon Gold 6126, Intel Xeon Gold 6130F, Intel Xeon Gold 6132, Intel Xeon Gold 6136, Intel Xeon Gold 6138, Intel Xeon Gold 6140, Intel Xeon Gold 6142, Intel Xeon Gold 6142F, Intel Xeon Gold 6146, Intel Xeon Gold 6148, Intel Xeon Gold 6150, Intel Xeon Gold 6152, Intel Xeon Gold 6154, Intel Xeon Platinum 8160, Intel Xeon Platinum 8164, Intel Xeon Platinum 8168, Intel Xeon Platinum 8170, Intel Xeon Platinum 8176, Intel Xeon Platinum 8180, Intel Xeon Silver 4214, Intel Xeon Silver 4216, Intel Xeon Gold 5218, Intel Xeon Gold 5220, Intel Xeon Gold 6230, Intel Xeon Gold 6240, Intel Xeon Gold 6242, Intel Xeon Gold 6244, Intel Xeon Gold 6248, Intel Xeon Gold 6252, Intel Xeon Gold 6254, Intel Xeon Platinum 8253, Intel Xeon Platinum 8260, Intel Xeon Platinum 8260L, Intel Xeon Platinum 8260M, Intel Xeon Platinum 8268, Intel Xeon Platinum 8270, Intel Xeon Platinum 8276, Intel Xeon Platinum 8276L, Intel Xeon Platinum 8276M, Intel Xeon Platinum 8280, Intel Xeon Platinum 8280L, Intel Xeon Platinum 8280M, Intel Xeon Gold 6226, Intel Xeon Gold 6238, Intel Xeon Gold 6238T, Intel Xeon Gold 6240Y, Intel Xeon Gold 6240M, Intel Xeon Gold 6246, Intel Xeon Platinum 8260Y, Intel Xeon Silver 4214Y, Intel Xeon Platinum 8158, Intel Xeon Silver 4214R, Intel Xeon Gold 6250, Intel Xeon Gold 6256, Intel Xeon Gold 5218R, Intel Xeon Gold 6226R, Intel Xeon Gold 6246R, Intel Xeon Gold 6242R, Intel Xeon Gold 5220R, Intel Xeon Gold 6230R, Intel Xeon 6240R, Intel Xeon Gold 6238R, Intel Xeon Gold 6248R, Intel Xeon Gold 6258R, Intel Xeon Platinum 9221, Intel Xeon Platinum 9222, Intel Xeon Platinum 9242, Intel Xeon Platinum 9282, Intel Xeon Gold 5117 Or higher
	Number of Sockets populated with the Processors	1, 2 Or higher
	Cache (MB)	16.5 - 64.0 Or higher
Motherboard	Out of Band Management	Intel vPro, AMD DASH Or higher
	Chipset Number	Intel C621, Intel C622, Intel C624, Intel X99, Intel X299 Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
	Expansion Slots (PCIe x 1) (Number)	0, 1, 2, 3, 4 Or higher
	Expansion Slots (PCIe x 4) (Number)	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	<b>Graphics Type</b>	Dedicated/Discrete
	<b>Number of Graphic Cards</b>	1, 2, 3, 4 Or higher
	<b>Graphic Card Description</b>	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 Or higher
Operating System	<b>Operating System (Factory Pre-Loaded)</b>	Windows 10 Professional 64 bit
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)	2933 Or higher
	Type of Memory	ECC
	<b>RAM Size (GB)</b>	64, 128, 256, 512, 1024, 2048, 3072, 4096, 96, 192, 384, 768, 1536 Or higher
	<b>RAM Expandability upto using spare DIMM Slots (GB)</b>	1024, 3072, 4096, 1536, 2048, 768 Or higher
Primary Storage /Boot Drive	<b>Type of Drives used to populate the internal Bays</b>	PCIe
	Number of Drives	1
	<b>RAID for Operating System</b>	NA
	<b>Capacity of each Drive (GB)</b>	512, 600, 768, 800, 900, 1000, 1024, 1200, 1800, 2000, 2048, 4000, 4096, 8000, 6000 Or higher
Secondary Storage	<b>Type of Drives used to populate the Internal Bays</b>	SATA
	<b>Number of Internal Bays populated with SATA Drive</b>	4, 5, 6, 7, 8, 9, 10 Or higher
	<b>Each SATA Drive Capacity (GB)</b>	2000, 4000, 8000, 6000 Or higher
	Speed of each SATA Drive (RPM)	7200 Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
	<b>Total SATA Drive Capacity (GB)</b>	8000, 9000, 12000, 16000, 20000, 24000, 28000, 32000 Or higher
	<b>Number of Internal Bays populated with SAS Drive</b>	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
	<b>Capacity of each SAS Drive (GB)</b>	300, 600, 900, 1200, 1800, 800, 0, 4000 Or higher
	Speed of each SAS Drive (RPM)	10000, 15000, 0, 7200 Or higher
	<b>Total SAS Drive Capacity (GB)</b>	300, 600, 900, 1200, 1800, 2100, 0, 4000 Or higher
	<b>Number of Internal Bays populated with SSD Drive</b>	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
	<b>Capacity of each SSD Drive (GB)</b>	128, 256, 512, 1024, 2048, 800, 0 Or higher
	<b>Total SSD Capacity (GB)</b>	128, 256, 384, 512, 768, 1024, 2048, 4096, 0, 5120, 3072 Or higher
	<b>Number of Internal Bays populated with PCIe Drive</b>	1, 2, 3, 4, 5, 6, 7, 8 Or higher
	<b>Capacity of each PCIe Drive (GB)</b>	512, 1024, 2048 Or higher
	<b>Total PCIe Drive Capacity (GB)</b>	512, 1024, 2048, 4096, 1536, 6144 Or higher
	Class of PCIe Drives	Class 40, Class 50 Or higher
RAID	RAID level	0, 1, 5, 1+0
	<b>Number of RAID Controller Ports</b>	6, 7, 8, 10 Or higher
	<b>Speed of RAID Controller Ports (Gbps)</b>	6, 12 Or higher
	RAID Controller Cache (GB)	0, 1, 2, 4, 6, 8 Or higher
Connectivity	Type of Ethernet Ports	Single Gigabit NIC 10/100/1000, Dual Gigabit NIC 10/100/1000
	<b>Number of Ethernet Ports</b>	2, 3, 4, 6 Or higher
	<b>Wireless Connectivity</b>	Yes, No Or higher
	<b>If Yes, Type of Wireless Connectivity</b>	Wi-Fi 802.11b/g/n, Wi-Fi 802.11ac, NA Or higher
	<b>Bluetooth Connectivity</b>	Yes, No Or higher
	<b>If Yes, Version of Bluetooth Available</b>	4, 4.1, 4.2, 5, 0 Or higher
Ports	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

Specification	Specification Name	Bid Requirement (Allowed Values)
	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	3, 4, 6, 8, 9, 12, 16 Or higher
Display	<b>Display Availability</b>	Monitor
	<b>Display Size (cm)</b>	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 Or higher
	<b>Display Type</b>	Non Touch, Touch Or higher
	<b>Panel Type</b>	Flat, Curved Or higher
	<b>Panel Technology</b>	IPS, OLED Or higher
	<b>Display Resolution (Pixels)</b>	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 Or higher
	LED Backlit	Yes Or higher
	TCO Compliance for Monitor	TCO 07
	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 Or higher
	Monitor Stand	Height Adjustable, Standard Or higher
Power	Minimum Power Efficiency (%)	90 Or higher
	<b>Redundant Power Supply</b>	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	DVD R/W
	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

Specification	Specification Name	Bid Requirement (Allowed Values)
	Carry Case in case of Mobile Workstation	Back Pack, With Shoulder Strap, NA Or higher
Warranty	<b>On Site OEM Warranty (Year)</b>	3, 4, 5 Or higher

#### Additional Specification Parameters - Workstation ( 2 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
Monitor,keyboard & mouse	Should be from the same make and 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	*****	*****BANGALORE	2	30

### Buyer Added Bid Specific Additional Terms and Conditions

#### 1. Malicious Code Certificate:

The seller should upload following certificate in the bid:-

(a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-

(i) Inhibit the desires and designed function of the equipment.

(ii) Cause physical damage to the user or equipment during the exploitation.

(iii) Tap information resident or transient in the equipment/network.

(b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.

- Non return of Hard Disk:** As per Buyer organization's Security Policy,Faulty Hard Disk of Servers/Desktop Computers/ Laptops etc. will not be returned back to the OEM/supplier against warranty replacement.
- 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 : 45 or 47/2017 dated 14/11/2017
- 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% 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 percentage of 20% of total value.

5. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
6. 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.
7. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
8. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
9. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 7 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG).Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.

## 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---**