

### Bid Document

Bid Details	
Bid End Date/Time	17-08-2020 14:00:00
Bid Opening Date/Time	17-08-2020 14:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	45 (Days)
Ministry/State Name	Ministry Of Earth Sciences
Department Name	Center For Marine Living Resource Ecology, Cochin
Organisation Name	N/a
Office Name	Cochin
Total Quantity	6
Item Category	Workstation
Bidder Turnover (Last 3 Years)	9 Lakh (s)
OEM Average Turnover (Last 3 Years)	68 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Years Of Experience and Turnover	Yes
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover *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	10 %
Bid to RA enabled	No
Inspection Required	No

#### EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.50
EMD Amount	48274

#### ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	5.00
Duration of ePBG required (Months).	38

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

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

**Beneficiary:**

Scientist G  
 Cochin, Center for Marine Living Resource Ecology, Cochin, N/A, Ministry of Earth Sciences  
 (Dr. M.v. Ramana Murthy)

**Splitting**

Bid splitting not applied.

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 years as indicated 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 year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated 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 OEM 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.
3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% of bid quantity, in at least one of the last three 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 year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

**Workstation ( 6 pieces )**

**Technical Specifications**

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Processor	<b>Processor Make</b>	Intel	Intel
	<b>Processor Generation</b>	NA	NA, 10 Or higher
	<b>Number of Cores per Processor</b>	6	6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32 Or higher
	<b>Processor Base Frequency (GHz)</b>	3.7	*
	Processor Turbo Frequency (GHz)	4.5	*
	<b>Processor Description</b>	Intel Xeon W Series	Intel Core i9, Intel Xeon E Series, Intel Xeon W Series, Intel Xeon Bronze Series, Intel Xeon Silver Series, Intel Xeon Gold Series, Intel Xeon Platinum Series Or

			higher
	<b>Processor Number</b>	Intel Xeon W-2135	Intel Xeon E-2126G, Intel Xeon E-2136, Intel Xeon E-2146G, Intel Xeon E-2186G, Intel Xeon W-2123, Intel Xeon W-2133, Intel Xeon W-2145, Intel Xeon W-2155, Intel Xeon W-2175, Intel Xeon W-2195, Intel Xeon E-2226G, 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 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 available on the motherboard	1	*
	<b>Number of Sockets populated with the Processors</b>	1	1, 2 Or higher
	<b>Cache (MB)</b>	8.25	8.25 - 64.0 Or higher
	Out of Band Management	NA	*
Type	<b>Form Factor</b>	Desktop	Desktop
Motherboard	<b>Chipset Number</b>	Intel C422	Intel C422, Intel C621, Intel C622, Intel C624, Intel X99, Intel X299 Or higher
	Expansion Slots (PCIe x 1) (Number)	1	*
	Expansion Slots (PCIe x 4) (Number)	1	*
	Expansion Slots (PCIe x 8) (Number)	1	*
	Expansion Slots (PCIe x 16) (Number)	2	*
	Expansion Slots (PCI) (Number)	1	*

Graphics	<b>Graphics Type</b>	Dedicated/Discrete	Dedicated/Discrete
	<b>Number of Graphic Cards</b>	1	1, 2, 3, 4 Or higher
	<b>Graphic Card Description</b>	nVIDIA Quadro P2000 5GB	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	<b>Operating System (Factory Pre-Loaded)</b>	Windows 10 Professional 64 bit	Windows 10 Professional 64 bit
	Recovery Image Media	CD from the OEM / Stored in Partition of the Hard Disk / USB Drive from the OEM / On Line / Cloud	*
	OS Certification	Windows,Ubuntu Linux,Redhat Linux	*
Applications	Applications Compatible with the Workstation (Requisite document may be furnished as and when demanded by the buyer)	Adobe After Effects CS/CC,Adobe Illustrator CC,Adobe Media Encoder CS/CC,Adobe Photoshop CS/CC,Adobe Premiere Pro CS/CC,Adobe SpeedGrade CC,Autodesk AutoCAD,Autodesk Inventor,Autodesk Maya,Autodesk MotionBuilder,Autodesk Mudbox,PTC Creo	*
Memory	RAM Type	DDR4	*
	RAM Speed (MHz)	2666	*
	Type of Memory	ECC RDIMM	*
	<b>RAM Size (GB)</b>	64	64, 128, 256, 512, 1024, 2048, 3072, 4096, 96, 192, 384, 768, 1536 Or higher
	Total Numbers of DIMM Slots Available	8	*
	Number of DIMM Slots Populated	4	*
	<b>RAM Expandability upto using spare DIMM Slots (GB)</b>	256	256, 512, 1024, 3072, 4096, 384, 1536, 2048, 768 Or higher
Primary Storage /Boot Drive	<b>Type of Drives used to populate the internal Bays</b>	NA	NA
	Number of Drives	0	*
	<b>RAID for Operating System</b>	NA	NA

	<b>Capacity of each Drive (GB)</b>	0	128, 256, 300, 384, 500, 512, 600, 768, 800, 900, 1000, 1024, 1200, 1800, 2000, 2048, 4000, 4096, 8000, 6000, 0 Or higher
Secondary Storage	<b>Type of Drives used to populate the Internal Bays</b>	SATA,SSD	SATA, SSD
	Total number of Internal Bays available for SATA Drive	5	*
	<b>Number of Internal Bays populated with SATA Drive</b>	1	1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
	<b>Each SATA Drive Capacity (GB)</b>	2000	2000, 4000, 8000, 6000 Or higher
	Speed of each SATA Drive (RPM)	7200	*
	<b>Total SATA Drive Capacity (GB)</b>	2000	2000, 4000, 8000, 3000, 5000, 6000, 7000, 9000, 12000, 16000, 20000, 24000, 28000, 32000 Or higher
	Total number of Internal Bays available for SAS Drive	0	*
	<b>Number of Internal Bays populated with SAS Drive</b>	0	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
	<b>Capacity of each SAS Drive (GB)</b>	0	300, 600, 900, 1200, 1800, 800, 0, 4000 Or higher
	Speed of each SAS Drive (RPM)	0	*
	<b>Total SAS Drive Capacity (GB)</b>	0	300, 600, 900, 1200, 1800, 2100, 0, 4000 Or higher
	Total number of Internal Bays available for SSD	1	*
	<b>Number of Internal Bays populated with SSD Drive</b>	1	1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
	<b>Capacity of each SSD Drive (GB)</b>	1024	512, 1024, 2048, 800 Or higher
	<b>Total SSD Capacity (GB)</b>	1024	1024, 2048, 4096, 5120 Or higher
	Total number of Internal Bays available for PCIe SSD	0	*
	<b>Number of Internal Bays populated with PCIe Drive</b>	0	0, 1, 2, 3, 4, 5, 6, 7, 8 Or higher
	<b>Capacity of each PCIe Drive (GB)</b>	0	128, 256, 512, 1024, 2048, 0 Or higher
	<b>Total PCIe Drive Capacity (GB)</b>	0	128, 256, 512, 1024, 2048, 4096, 0, 1536 Or higher
	Class of PCIe Drives	Class 20	*
RAID	RAID level	0,1,5,1+0	*

	<b>Number of RAID Controller Ports</b>	5	5, 6, 7, 8, 10 Or higher
	<b>Speed of RAID Controller Ports (Gbps)</b>	6	6, 12 Or higher
	RAID Controller Cache (GB)	0	*
Connectivity	Type of Ethernet Ports	Single Gigabit NIC 10/100/1000	*
	<b>Number of Ethernet Ports</b>	1	1, 2, 3, 4, 6 Or higher
	<b>Wireless Connectivity</b>	No	Yes, No Or higher
	<b>If Yes, Type of Wireless Connectivity</b>	NA	Wi-Fi 802.11b/g/n, Wi-Fi 802.11ac, NA Or higher
	<b>Bluetooth Connectivity</b>	No	Yes, No Or higher
	<b>If Yes, Version of Bluetooth Available</b>	0	4, 4.1, 4.2, 5, 0 Or higher
Ports	Number of USB Version 2 Point 0 Ports	0	*
	Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports	8	*
	Number of USB Version 3 point 1, Gen 2 Ports	0	*
	Number of USB Type C Ports	2	*
	Number of VGA Ports	0	*
	Number of HDMI Ports	0	*
	Number of Mini DP Ports	0	*
	Number of DP Ports	4	*
Display	<b>Display Availability</b>	Monitor	Monitor
	<b>Display Size (cm)</b>	72- 81	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	Non Touch, Touch Or higher
	<b>Panel Type</b>	Flat	Flat, Curved Or higher
	<b>Panel Technology</b>	IPS	IPS, OLED Or higher
	<b>Display Resolution (Pixels)</b>	1920x1080	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	*
	TCO Compliance for Monitor	TCO 07	*
	Colour Gamut	72% Color Gamut	*
	Monitor Stand	Height Adjustable	*
Power	Maximum Power (Watts)	425	*
	Minimum Power Efficiency (%)	-	*
	Power Management Unit	Yes	*

	<b>Redundant Power Supply</b>	No	Yes, No Or higher
Input Devices	Mouse Connectivity, If available	Wireless	*
	Type of Mouse, If available	Optical Scroll	*
	Keyboard Connectivity, if available	Wireless	*
	Type of Keyboard, if available	Standard with Rupee Symbol	*
	Type of Keyboard in case of Mobile Workstation	NA	*
Generic	Optical Drive	-	*
	Number of External Bays	2	*
	Security	S/W Based	*
	Docking Station for Mobile Workstation	No	*
	Availability of Bundled Software	Yes	*
	Type of Bundled Software	Standard Performance Improvement Software	*
	Finger Print Reader in case of Mobile Workstation	NA	*
	Carry Case in case of Mobile Workstation	NA	*
Certification	BIS Registration under CRS of Meity (Requisite certificate may be furnished as and when demanded by the buyer)	Yes	*
	BIS Registration Number and its Validity	-	*
	ROHS Compliance	Yes	*
	Other Certification Available (Requisite certificate may be furnished as and when demanded by the buyer)	-	*
Operating Conditions	Minimum Operating Temperature (Degree C)	5	*
	Maximum Operating Temperature (DEgree C)	35	*
	Minimum Operating Humidity (%RH)	10	*
	Maximum Operating Humidity (%RH)	85	*
Warranty	Battery Warranty in case of Mobile Workstation	0	*
	<b>On Site OEM Warranty (Year)</b>	5	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	Hashim	682508, Centre for Marine Living Resources and Ecology (CMLRE), ATAL BHAVAN, Ministry of Earth Sciences, Government of India, LNG Road. Puthu Vypin South, Ochanthuruthu PO, Kochi-682508 Kerala	6	30

**Bid Specific Additional Terms and Conditions**

- Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:
  - The Seller fails to comply with any material term of the Contract.
  - The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
  - The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
  - The Seller becomes bankrupt or goes into liquidation.
  - The Seller makes a general assignment for the benefit of creditors.
  - A receiver is appointed for any substantial property owned by the Seller.
  - The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.
- Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
- Bidder Turn Over Criteria: 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 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.
- OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated 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 OEM 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. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.
- 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.
- 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.
- Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
- Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
- Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
- Warranty period of the supplied products shall be 3 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
- Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of DDO CMLRE Payable at Kochi A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the



demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

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

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