

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 16:00:00
Bid Opening Date/Time	20-07-2020 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	80 (Days)
Ministry/State Name	Ministry Of Information And Broadcasting
Department Name	Na
Organisation Name	Prasar Bharati Broadcasting Corporation Of India
Office Name	Doordarshan Kendra Panaji
Total Quantity	2
Item Category	Workstation
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Workstation (2 pieces)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Processor	Processor Make	Intel	Intel
	Processor Generation	NA	NA, 10 Or higher
	Number of Cores per Processor	10	10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32 Or higher
	Processor Base Frequency (GHz)	3.3	3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 4, 4.1, 4.2, 4.3 Or higher
	Processor Turbo Frequency (GHz)	4.5	*
	Processor Description	Intel Xeon W Series	Intel Xeon W Series, Intel Xeon Bronze Series, Intel Xeon Silver Series, Intel Xeon Gold Series, Intel Xeon Platinum Series Or higher
	Processor Number	Intel Xeon W-2155	Intel Xeon W-2175, Intel Xeon W-2195, 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 Or higher
	Number of sockets available on the motherboard	1	*
	Number of Sockets populated with the Processors	1	1, 2 Or higher
	Cache (MB)	13.75	13.75 - 64.0 Or higher
	Out of Band	NA	*

	Management		
Type	Form Factor	Desktop	Desktop
Motherboard	Chipset Number	Intel C422	Intel C422, Intel C621, Intel C622, Intel C624, Intel X99, Intel X299 Or higher
	Expansion Slots (PCIe x 1) (Number)	0	*
	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	Graphics Type	Dedicated/Discrete	Dedicated/Discrete
	Number of Graphic Cards	1	1, 2, 3, 4 Or higher
	Graphic Card Description	nVIDIA Quadro P4000 8GB	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	Operating System (Factory Pre-Loaded)	Windows 10 Professional 64 bit	Windows 10 Professional 64 bit
	Recovery Image Media	NA	*
	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,Avid Media Composer,Dassault Systèmes SolidWorks,Dassault Systèmes CATIA,PTC Creo,Siemens NX,Schlumberger Petrel,Bentley MicroStation,ANSYS Fluent,ANSYS Workbench,Sonar Cakewalk,Maxon Cinema 4D,Landmark DecisionSpace,G1 Autodesk Revit,Autodesk 3ds Max,Unreal Engine 4 by Epic Games	
Memory	RAM Type	DDR4	*
	RAM Speed (MHz)	2666	*
	Type of Memory	ECC RDIMM	*
	RAM Size (GB)	32	32, 64, 128, 256, 512, 1024, 2048, 3072, 4096, 48, 96, 192, 384, 768, 1536 Or higher
	Total Numbers of DIMM Slots Available	8	*
	Number of DIMM Slots Populated	2	*
	RAM Expandability upto using spare DIMM Slots (GB)	512	512, 1024, 3072, 4096, 1536, 2048, 768 Or higher
Primary Storage /Boot Drive	Type of Drives used to populate the internal Bays	SSD	SSD
	Number of Drives	1	*
	RAID for Operating System	NA	NA
	Capacity of each Drive (GB)	256	256, 300, 384, 500, 512, 600, 768, 800, 900, 1000, 1024, 1200, 1800, 2000, 2048, 4000, 4096, 8000, 6000 Or higher
Secondary Storage	Type of Drives used to populate the Internal Bays	SATA	SATA
	Total number of	5	*

Internal Bays available for SATA Drive		
Number of Internal Bays populated with SATA Drive	1	1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
Each SATA Drive Capacity (GB)	2000	2000, 4000, 8000, 6000 Or higher
Speed of each SATA Drive (RPM)	7200	*
Total SATA Drive Capacity (GB)	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	*
Number of Internal Bays populated with SAS Drive	0	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
Capacity of each SAS Drive (GB)	0	300, 600, 900, 1200, 1800, 800, 0, 4000 Or higher
Speed of each SAS Drive (RPM)	0	*
Total SAS Drive Capacity (GB)	0	300, 600, 900, 1200, 1800, 2100, 0, 4000 Or higher
Total number of Internal Bays available for SSD	1	*
Number of Internal Bays populated with SSD Drive	1	1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
Capacity of each SSD Drive (GB)	256	256, 512, 1024, 2048, 800 Or higher
Total SSD Capacity (GB)	256	256, 384, 512, 768, 1024, 2048, 4096, 5120 Or higher
Total number of Internal Bays available for PCIe SSD	0	*
Number of Internal Bays populated with PCIe Drive	0	0, 1, 2, 3, 4, 5, 6, 7, 8 Or higher
Capacity of each PCIe Drive (GB)	0	128, 256, 512, 1024, 2048, 0 Or higher

	Total PCIe Drive Capacity (GB)	0	128, 256, 512, 1024, 2048, 4096, 0, 1536 Or higher
	Class of PCIe Drives	NA	*
RAID	RAID level	0,1,5,1+0	*
	Number of RAID Controller Ports	6	6, 7, 8, 10 Or higher
	Speed of RAID Controller Ports (Gbps)	6	6, 12 Or higher
	RAID Controller Cache (GB)	0	*
Connectivity	Type of Ethernet Ports	Dual Gigabit NIC 10/100/1000	*
	Number of Ethernet Ports	2	2, 3, 4, 6 Or higher
	Wireless Connectivity	No	Yes, No Or higher
	If Yes, Type of Wireless Connectivity	NA	Wi-Fi 802.11b/g/n, Wi-Fi 802.11ac, NA Or higher
	Bluetooth Connectivity	No	Yes, No Or higher
	If Yes, Version of Bluetooth Available	0	4, 4.1, 4.2, 5, 0 Or higher
Ports	Number of USB Version 2 Point 0 Ports	2	*
	Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports	6	*
	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	Display Availability	Monitor	Monitor
	Display Size (cm)	58- 61	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

	Display Type	Non Touch	Non Touch, Touch Or higher
	Panel Type	Flat	Flat, Curved Or higher
	Panel Technology	IPS	IPS, OLED Or higher
	Display Resolution (Pixels)	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	Standard	*
Power	Maximum Power (Watts)	900	*
	Minimum Power Efficiency (%)	-	*
	Power Management Unit	Yes	*
	Redundant Power Supply	No	Yes, No Or higher
Input Devices	Mouse Connectivity, If available	Wired	*
	Type of Mouse, If available	Optical Scroll	*
	Keyboard Connectivity, if available	Wired	*
	Type of Keyboard, if available	Standard	*
	Type of Keyboard in case of Mobile Workstation	NA	*
Generic	Optical Drive	-	*
	Number of External Bays	1	*
	Security	S/W Based	*
	Docking Station for Mobile Workstation	No	*
	Availability of Bundled Software	Yes	*
	Type of Bundled	Standard Performance	*

	Software	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)	10	*
	Maximum Operating Temperature (DEgree C)	35	*
	Minimum Operating Humidity (%RH)	35	*
	Maximum Operating Humidity (%RH)	80	*
Warranty	Battery Warranty in case of Mobile Workstation	0	*
	On Site OEM Warranty (Year)	3	3, 4, 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	Makrand Govind	403001,Doordarshan Kendra	2	30

	Kulkarni	Altinho Panaji		
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Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods

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

---Thank You---