KERALA PUBLIC SERVICE COMMISSION

No. RA I-1/50016/2018-KPSC   Thiruvananthapuram,
                                                     Dated: 16/01/2020

E-TENDER NOTICE

      Invitation of E-Tender for the supply and installation of **2(Two) numbers of Servers** at the offices of the Kerala Public Service Commission.

      E-Tender in one cover system is invited from competent dealers and manufacturers for the supply and installation of **2(Two) numbers of Server** in accordance with respective specifications as shown in Annexure I of the Tender document.

Sl No.	Item Details	Quantity (Nos)	Cost of Tender Forms	EMD
1	Server	2	Rs.1,600/-	Rs.20,000/-

      Tenders shall be submitted as e-tender through https://etenders.kerala.gov.in. Bidders who have enrolled in the above portal with their own digital signature certificate (DSC) can participate in the tender. For obtaining digital signature certificate (DSC) and necessary portal enrollment bidders can visit the above website. E-Tender document and other details can be obtained from the above e-portal.

Tender no.	:	5/2020/SN
Document download/sale start date	:	17/01/2020
Bid submission start date	:	17/01/2020
Document closing date	:	05/02/2020 – 5.00 pm
Date & Time of opening of tender	:	07/02/2020 - 2.30 pm

      Cost of e-Tender & EMD (Online payment):-

      Payment as shown in the above table including EMD should be made as a single payment through online.

Dates upto which rates are to remain-
firm for acceptance   :   90 days
Performance security   :   5% of the contract value

Period of supply   :   **within 20 days of supply order**

The bidder desiring to take part in the bid shall log in to https://etenders.kerala.gov.in/ and then select tender and initiate payment. Bidders will be directed to the online payment gateway page and they shall make payment as directed therein.

The e-tenders submitted by the competent dealer should definitely contain a scanned and signed copy of the declaration of product offered to supply and dealership certificate from the manufacturer.

Tenders will be opened in the online presence of each bidders or their authorized representatives who have logged in at the prescribed time of opening.
If the date fixed for opening happens to be holiday or due to net failure the tenders will be opened in the next working day at the same time.

The price of the e-tender form will be received only through online payment methods stipulated in the website.

Scanned copy of the agreement (Annexure II) in the prescribed format in Kerala Stamp paper worth Rs.200/- shall be submitted online and original shall be given to the Secretary, Kerala Public Service Commission before opening of e-tender.

The rates should be quoted in Indian Currency only.

Details with respect to the e-tender and the details of specifications (Annexure I) of the item to be supplied can be obtained from the e-tender website https://etenders.kerala.gov.in.

The Secretary, Kerala Public Service Commission, Pattom will scrutinise the tenders received and will take necessary action for the award of contract.

The right of acceptance or rejection of any e-tender in full or in part without assigning any reasons thereof is reserved with the Secretary.

The rules and regulations prescribed for e-tenders by the Government of Kerala, shall be applicable to this e-tender also.

Terms and Conditions:

1. The make, model, year of manufacture etc of the Server shall be clearly mentioned.

2. **Five years Comprehensive Onsite OEM warranty should be assured. Dealership/Authorization and Warranty Certificates from OEM shall be submitted with the tender. Dealership warranty will not be accepted.**

3. All charges, taxes, duties and levies should be clearly indicated.

4. The items should be supplied to the office of the Kerala public Service Commission, Pattom, Thiruvananthapuram-4 at the expense of the Tenderer.

5. **The Product should be supplied within 20 days from the date of Purchase Order, otherwise the tender will be cancelled without any prior intimation.**

6. The installation, commission and initial operation to the satisfaction of the KPSC will be the responsibility of the supplier.

7. The payment will be made after completion of supply, installation and commission subject to the certification by our Technical Experts as to the quality and efficiency of the item supplied.

8. In case of under performance during the warranty period, the item should be replaced and period of warranty will recommence from the date of replacement.

9. The Performance Security Deposit will be released after the expiry of Warranty Period.

Any legal disputes that may arise in relation to the e-tender formalities will be restricted to jurisdiction of Thiruvananthapuram District.

The communications should be addressed to :
        The Secretary,
        Kerala Public Service Commission
        Pattom,Thiruvananthapuram
        Kerala-695004

                              Sd/-
                              SAJU GEORGE
                              SECRETARY,
                              KERALA PUBLIC
                              SERVICE COMMISSION

\Note:- More details can be had from the office of **Additional Secretary, R&A wing, Kerala Public Service Commission.Pattom,Thiruvananthapuram-4**

omputer

ANNEXURE-

Specification for Server

Sl. No.	Component	Description
1	Market position	The OEM for the proposed server must be in Leaders quadrant in the last two Gartner's report of "Magic Quadrant for Modular Servers" & should have been one of the top three server vendors (by market share revenue in IDC or Gartner report) in any of the previous 2 quarters
2	Chipset	Lewisburg PCH Intel C621
3	Form Factor	Max. 1U rack mounted with sliding rails
4	Configured CPU	Intel Xeon Silver 4208 2.1G, 8C/16T, 9.6GT/s, 11M Cache, Turbo, HT (85W) DDR4-2400 or better
5	Memory slots	16 DDR4 DIMM slots, speed up to 2666MT/s
6	Memory configured	64GB (2x32GB) RDIMM 2666MT/s Dual Rank, scalable to 512GB
7	Disks supported	Front drive bays: Up to 10 x 2.5" SAS/SATA (HDD/SSD) with up to 4 NVMe SSD or up to 4 x 3.5 SAS/SATA HDD
8	RAID Controller	12Gbps PCIe 3.0 with RAID 1, 5, 10, 50
9	Disks configured	2x1TB 7.2K RPM NLSAS 12Gbps 512n 2.5in Hot-plug Hard Drive.
		4x300GB 15K RPM SAS 12Gbps 512n
10	DVD writer	DVD RW
11	I/O slots	Upto 2 Gen 3 x16PCIe Slots
12	Onboard Ethernet ports	2 x 1G RJ45
13	Certified for	Windows Server 2016, VMWare, Red Hat Enterprise Linux, SUSE Linux Enterprise Server
14	Power Supply	550W Platinum rated redundant Power Supply

15	SD Modules slots	Dual SD module slots supporting RAID1 config
16	Management integration	Support for integration with Microsoft System Center, VMware vCenter, BMC Software
17	Power & temperature	Real-time power meter, graphing, thresholds, alerts & capping with historical power counters. Temperature monitoring & graphing
18	Pre-failure alert	Should provide predictive failure monitoring & proactive alerts of actual or impending component failure for fan, power supply, memory, CPU, RAID, NIC, HDD.
19	Configuration & management	• Real-time out-of-band hardware performance monitoring & alerting • Agent-free monitoring, driver updates & configuration, power monitoring & capping, RAID management, external storage management, monitoring of FC, HBA & CNA & system health • Out-of-band hardware & firmware inventory • Zero-touch auto configuration to auto deploy a baseline server configuration profile.
20	Management (continued)	Automated hardware configuration and Operating System deployment to multiple servers • Zero-touch repository manager and self-updating firmware system • Virtual IO management / stateless computing • Support for Redfish API for simple and secure management of scalable platform hardware
21	LCD panel	Should display system ID, status information and system error error code followed by descriptive text. LCD background should light up in different colours during normal system operation & error conditions.
22	HTML5 support	HTML5 support for virtual console & virtual media without using Java or ActiveX plugins

23	Server security	Should have a cyber resilient architecture for a hardened server design for protection, detection & recovery from cyber attacks
24		Should protect against firmware which executes before the OS boots
25		Should provide effective protection, reliable detection & rapid recovery using: - Silicon-based Hardware Root of Trust - Signed firmware updates - Secure default passwords - Configuration and firmware drift detection - Persistent event logging including user activity - Secure alerting - Automatic BIOS recovery - Rapid OS recovery - System erase
26		Configuration upgrades should be only with cryptographically signed firmware and software
27		Should provide system lockdown feature to prevent change (or "drift") in system firmware image(s) & prevent malicious modification of server firmware
28	Intrusion alert	Intrusion alert in case chassis being opened
29	**Warranty**	**5 years On-site comprehensive OEM warranty (should also specify in MAF) from the date of invoice with 24x7x365 remote hardware support. Post installation, 5-year product warranty should reflect in the support web site of the OEM**
30	MAF	Manufacturer Authorization Required