

# KERALA PUBLIC SERVICE COMMISSION

No. RA1-3/50008 /2018-KPSC-Part(3)

Thiruvananthapuram,

Dated: 20/02/2023

## E-TENDER NOTICE

Invitation of E-Tender for **the supply, installation and configuration of the Network Restructuring at EDP Server Room** at the Kerala Public Service Commission, Head Office, Thiruvananthapuram .

E-Tender in one cover system is invited from competent dealers and manufacturers for the **the supply, installation and configuration of the Network Restructuring at EDP Server Room** at the Kerala Public Service Commission, Head Office, Thiruvananthapuram in accordance with respective specifications as shown in Annexure I of the Tender document.

Sl No.	Item Details	Cost of Tender Forms (Rs)	EMD(Rs)
1	Supply, installation and configuration of the Network Restructuring at EDP Server Room at the Kerala Public Service Commission, Head Office, Thiruvananthapuram .	600/-	7500/-

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. : 03 /2023/SN  
Document download/sale start date : 21/02/23  
Bid submission start date : 21/02/23  
Document closing date : 07/03/2023– 5.00 pm  
Date & Time of opening of tender : 09/03/2023- 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 15 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 materials shall be clearly mentioned.
2. **Comprehensive warranty from Original Equipment Manufacturer (OEM) should be assured. Dealership/Authorization and Warranty Certificates from OEM shall be submitted with the tender. Dealership warranty will not be accepted. ( See the annexure)**
3. All charges, taxes, duties and levies should be clearly indicated.

4. The items should be supplied to the Head Office of the Kerala Public Service Commission, Thiruvananthapuram at the expense of the Tenderer.
5. The installation, commission and initial operation to the satisfaction of the KPSC will be the responsibility of the supplier.
6. 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.
7. 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. 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**

**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**

**Network restructuring – EDP Server Room**

1	Cat6 UTP Cable (Molex)	1 box
2	42U 1200mmDx800mmD Rack (as per specification)	1 Nos
3	Cat6A 24-port patch panel (Molex)	4 Nos
4	Cat6 24-port Patch Panel (Molex)	2 Nos
5	100x50 PVC trunking System	10 Mtr
6	LC-LC OFC Single Mode Duplex Patch Cord – 10 Mtr	4 Nos
7	Network Renovation: Cat6A cable re-laying, Cat6 cable laying, Cat6A 24-port Patch Panel Re-Crimping (4 Nos), Cat6 24-port Patch Panel Crimping (4 Nos), Dismantling old rack and new Rack Installation, Trunking system installation, Switch installation, patching and labelling	1 Lot

## 42U Rack specification

Sl.No.	Description	Specification
		Rack should be designed to provide <b>Secure, Store, Streamline and Systemize IT Equipment's</b>
		Rack should have 100% assured compatibility with all equipment's conforming to <b>DIN 41494</b> (General Industrial Standard for equipment's) or Equivalent <b>EIA /ISO / EN</b> Standard
		The Rack should have 4 No Adjustable, 19" verticals with Punched 10mm Square Hole and Universal 12.7mm-15.875mm-15.875mm alternating hole pattern offering greater mounting flexibility, with numbered U positions
		The Rack should be 2115mm in height, 800 in width and 1200mm in depth
		Rack should support static load of 750 kgs on Casters and 1250kgs on levelers/plinth.
		Rack should have Perforated dual door (Front and Back)
		Rack should have 2 side panels and grounding and bonding accessories pre-installed by the manufacturer.
		The Rack should have 42U usable Space
		The Rack should have 4No's adjustable, 19" verticals with punched 10mm square hole and Universal 12.7mm-15.875mm-15.875mm alternating hole pattern offers greater mounting flexibility, with numbered U positions
		The OEM should include 80 No of Mounting hardware for equipment fixing.
		The front and rear doors should be easily detachable.
		The front and rear doors should open to allow easy access.
		The doors of the rack should be reversible such that it can be mounted on either side.
		The rack should have side panels which can be removed without using tools, using easy finger latches for fast access to cabling and equipment.
		Side panels should flush with the frame so the overall width of the unit does not change with the side panels installed.
		All weight bearing components should be made from steel with a thickness not less than 1.6 mm, 19" equipment mounting angle should be 2.0MM and other parts not less than 1mm
		All sheet metal parts should be Pre Treated and powder coated meeting ASTM Standard.
		All enclosure components i.e. frame and door should be bonded together and to rack ground point

		OEM to provide rack ground point, Provision to further ground to Telecom Ground bus bar System
		Grounding and bonding as per UL Standards
		Manufacture should provide Horizontal OR vertical Ground bus bar for equipment Grounding as per Customer / Tender Requirement
		Racks should be manufactured by <b>ISO9001:2008, ISO14001:2004 &amp; OHSAS18001:2007</b> Certified company and should have proper EHS Policy. Certificate should be submitted to bidder
		Products must be <b>UL</b> Certified, Should produce a copy of the Certificate.
		Manufacturer must certify that the products are <b>RoHS</b> Compliance
		Manufacturer must certify that the products are Comply DIN41494 and Equivalent EIA/ISO/EN /CEA Standard.
		The rack should comply minimum of IP 20 rating for protection against touch, ingress of foreign bodies and ingress of water.
		The enclosure should both protect the user from mechanical hazards and generally meet the requirements for a mechanical enclosure (stability, mechanical strength, aperture sizes, etc.) as defined in IEC 60950 Third Edition.
		The unit should have ventilated front and rear doors to provide adequate airflow required by the major server and Network manufacturers.
		Provision to Fix Exhaust Fans with 360 CFM Four Fan Module on the top and doors
		<b>Rack Power Distribution Units. 2 Nos</b>
	Type Of PDU	Normal
	Phase	1Phase
	Rating	7.3KVA
	Current	32A
	MCB	16Ax2
	Type Of Out Let	Multi Pin
	No Of Out let	12x Indian Round Pin 5/15
	PDU Mounting	Vertical
	Space Requirement	0U
		Rack should have 8 No of 2U Horizontal cable manager for cable routing.
		Network Rack should have 19" Adopter Kit/42U/Closed/Door/100X150/2/ side cable management inside the rack
		Network rack should have 2 No 300mm cable basket for management of Vertical cables

10	Accessories	<b><u>Shelving</u></b> The manufacturer should offer shelves with the ability to support up to 100 kg of non-rack mount equipment. 2 Nos
11	Security	Rack should be with swing handle locking with Common Key
12	Stabilization	The unit should have four adjustable leveling feet to help provide a stable base in the event of an uneven floor surface and to prevent rolling.
		The unit should be shipped fully assembled as one orderable Unit.  The bidder should offer an inside-delivery shipping option which includes reasonable delivery to the inside of the building and removal and disposal of shipping material and packaging.
		The Products manufactured should provide warranty for 1 year from date of invoice the warranty does not cover wrong Usage or miss-handling the products.
		Electrical items such as Sockets, switches, fans etc. should have warranty for 1 year from date of installation.
		For malfunction of any units/item in the rack, the support should be provided within the next business day.
		The warranty claim should be attended within 2 or 3 working days.
15	Authorization	Bidder need to submit Manufacturing Authorization Letter