

WEBSITE:www.keralapsc.gov.in
EMAIL:jsrna.@psc.kerala.gov.in



FAX : 0471 - 2553485
Telephone : 0471-2443068

KERALA PUBLIC SERVICE COMMISSION

No. R&A I (3) 50028/2018/KPSC

Thiruvananthapuram,
Dated: 02/03/2020

E-TENDER NOTICE

Invitation of E-Tender for the supply **100 (Hundred) No.s of Startek (FM220U) Biometric Fingerprint Scanner** at the offices of the Kerala Public Service Commission, pattom, Thiruvananthapuram.

E-Tender in one cover system is invited from competent dealers and manufacturers for the supply of **100 (Hundred) No.s of Startek (FM220U) Biometric Fingerprint Scanner** 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	Startek (FM220U) Biometric Fingerprint Scanner	100	Rs. 700/-	Rs. 8,750/-

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. : 9 /2020/SN
Document download/sale start date : 03/03/2020
Bid submission start date : 03/03/2020
Document closing date : 10/03/2020 – 5.00 pm
Date & Time of opening of tender : 12/03/2020 - 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 7 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 Biometric Scanner shall be clearly mentioned.
2. **Lifetime RD Service subscription should be assured.**
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 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.
6. 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

ANNEXURE-1

SPECIFICATION FOR STARTEK (FM220U) FINGERPRINT SCANNER

<i>Sl. No.</i>	<i>Item</i>	<i>Description</i>
1	Scanning Sensor	CMOS Sensors
2	Image Capture Speed	1/15 Second
3	Image Resolution	500 dpi (H), 500 dpi (V), 600dpi (optional)
4	Capture Area	15.44 x 17.475 (in mm) (HxV)
5	Plate Area	16.5 x 19 (in mm) (HxV)
6	Scanner Output Image Size	264*324 pixels or 304*344 (optional) (HxV)
7	Gray Level	8 bit/pixel, max 256 grayscale
8	Image Ratio of Length to Width Scanner	1:1
9	Interface Cable	Standard USB Cable
10	Power Supply	1 Watt approx. (From USB port) (Approx. 100 mA, standby: 40mA)
11	Minimum Hardware requirement	P3800 Mhz CPU or up, 256 MB, USB 2.0
12	Dimension	80 mm(L) x 41 mm(M) x 40 mm(H)
13	Weight	100 g (approx.)
14	Distortion	< 1% Meeting PIV Specifications.
15	Temperature	-50~45°C, 15 KV
16	Estimated MTBF	> 1,00,000 operation hours
17	Modulation Transfer Function	0.4 at 10 cycle/mm.
18	Scanning Light Source	Ultra-red (940 nm), capable of supporting more than 600 dpi
19	Live Scan Capability	Live Skin Sensing (with ultra-red) scanning beneath skin, optional)
20	API (ISO19794-2/ISO19794-4 and FIPS 201* Compliant, Minex certified)	Image Capture, Enrolment / Template Extraction & Matcher.
21	Minutia Size	< 1 K bytes
22	Matching Speed	< 1 Second

23	False Rejection Rate (FRR)	1/100-1/30
24	False Acceptance Rate (FAR)	1/1,00,000-10,00,000
25	Allowable Fingerprint Rotation	180°
26	Allowable Fingerprint Displacement	+5mm
27	Software Platform	Windows 2000/2003/XP/Vista/7(32 bits and 64 bit). Linux with kernel 2.6 (x86); WinCE5.0 (x86 and Arm9), Android
28	Subscription	Lifetime RD Service subscription