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KERALA PUBLIC SERVICE COMMISSION

R&AI(3)50028/2018/KPSC

Thiruvananthapuram

Dated: 03/01/2020

QUOTATION NOTICE

Sealed quotations are invited for the supply of 16 No.s of Startek (FM220U) Biometric Fingerprint Scanner for the office use of Kerala Public Service Commission.

SCHEDULE OF ITEMS

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 subscription

Superscription

Quotation No. : 01 /2020
Last date and Time for the receipt of Quotation : 01.00 PM. On 10.01.2020.
Date and Time for opening the Quotation : 03.00 PM. On 10.01.2020.
Name and Designation of Purchasing Officer : Saju George, Secretary,
KPSC, Pattom, Thiruvananthapuram.

Terms and Conditions

1. Rates quoted shall be inclusive of all taxes. All charges,taxes,duties and levies should be clearly indicated.
2. The items should be supplied to the office of the Kerala Public Service Commission,Pattom,Thiruvananthapuram-4 at the expense of the supplier.
3. Payment will be made after installation and certification by our Technical Experts.
4. The items should be supplied immediately on receipt of the supply order.
5. The right to reject any quotation in full or in part without assigning any reason thereof is reserved with the purchasing authority.

**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 -04