

	<b>Electronics Corporation of Tamil Nadu Limited</b>
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**Supply, Installation and  
Commissioning of Bio Metric Devices**

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**Tender Ref.  
ELCOT/PROC/OT/33007/Bio Metric Fingerprint  
Devices/2016-17**

**Rate Contract Tender**

	<b>Corrigendum No. 2 to the Tender Document</b>
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**CORRIGENDUM TO THE TENDER DOCUMENT**

The following Corrigendum to the Tender Document is hereby issued:-

Sl. No	Page No	Title of the Clause	Existing	To read as
		Sample submission		<p>The bidders have to submit two Nos of samples alongwith the Technical bid</p> <p>For each item quoted in the Tender, the samples should be submitted indicating the make, model number and brouchers / specification of the items as per Appendix-3</p> <p>If the samples are not delivered within the time limit specified in the Tender, it would be treated as non-responsive to the Tender conditions and the Bids is liable for rejection.</p>

5. specifications

Sl. No	Page No	Title of the Clause	Existing	To read as
1	15	Parameters Sl No 1 Fingerprint sensor Active sensing area	Minimum – 15.24 mm x 20.32 mm	15.24 mm x 20.32 mm (or ) 12.8 mm X 16.5mm

Detailed specification is given below

**Other Terms and Conditions and the Technical Specifications remain the same**

## 5. SPECIFICATIONS

## 1) BIOMETRIC FINGER PRINT DEVICE (OPTICAL)

Code	Item Description	Make	Approx Qty
001	SINGLE FINGER PRINT SCANNER (BIOMETRIC)- STQC certified and UIDAI compliant	Any reputed make.	1 No
S.NO	PARAMETERS	REQUIREMENT	
1	Fingerprint sensor Active sensing area	15.24 mm x 20.32 mm ( or) 12.8 mm X 16.5mm	
2	Resolution	500 ppi	
3	Image Gray scale	256 levels (8-bit)	
4	Fingerprint Capture speed	< 2 Sec	
5	Platen – Rugged	Minimum – IP 54 rating	
6	Interface (Power Supply)	USB 2.0 ( Data and Power supply)	
7	Image Quality	Must be listed on “IAFIS Certified Product List” posted on <a href="http://www.fbibiospecs.org/IAFIS/Default.aspx">http://www.fbibiospecs.org/IAFIS/Default.aspx</a> under”PIV Single Finger Capture Devices” OR Lap Test conformance report showing compliance to ISO 1979 4-4 Annexure A	
8	Extractor Quality	MINEX compliance Number of Minutiae generated by extractor to be in conformance to ISO Specification. Tested for at least 12 Minutiae points generated under the test conditions	
9	NFIQ Quality Software	Inbuilt NFIQ quality software either at device level or extractor	
10	FRR	FRR – should be < 2%	
11	Supported operating system	Windows 7, Windows 8, Windows 10, Windows Server 2012, 2008 and Android 4.4 & above Linux – Redhat, Suse. Boss, Ubuntu	
12	ESD	>= 8Kv	
13	Environment, Health and Safety	ROHS Certification	
14	Safety	UL or IEC60950 compliance	
15	EMC Compliance	FCC class A or equivalent	
16	STQC Certification	STQC Final Certification Valid as on Tender Date for UIDAI compliance	
17	Level O certification complying to UIDAI	Final certification valid as on tender due date or should have submitted to STQC/UIDAI prior to tender due date	
18	API for interfacing with Application software	The API should be given by the OEM or through their authorised partner with full support during design, development, test and support period -without additional charges	

**Tender Ref.: ELCOT/PROC/OT/33007/Bio Metric Fingerprint Devices/2016-17**

**A 1.6 BIDDER COMPLIANCES**

Code	Item Description		Approx Qty	
001	SINGLE FINGER PRINT SCANNER (BIOMETRIC)-STQC certified and UIDAI compliant		1 Nos	
Sl. No.	Parameter / Feature	Specifications	Bidder's Offer	Bidder's Compliance (Yes / No)
1	Fingerprint sensor Active sensing area	15.24 mm x 20.32 mm ( or) 12.8 mm X 16.5mm		
2	Resolution	500 ppi		
3	Image Gray scale	256 levels (8-bit)		
4	Fingerprint Capture speed	< 2 Sec		
5	Platen – Rugged	Minimum – IP 54 rating		
6	Interface (Power Supply)	USB 2.0 ( Data and Power supply)		
7	Image Quality	Must be listed on “IAFIS Certified Product List” posted on <a href="http://www.fbibiospecs.org/IAFIS/Default.aspx">http://www.fbibiospecs.org/IAFIS/Default.aspx</a> under”PIV Single Finger Capture Devices” OR Lap Test conformance report showing compliance to ISO 1979 4-4 Annexure A		
8	Extractor Quality	MINEX compliance Number of Minutiae generated by extractor to be in conformance to ISO Specification. Tested for at least 12 Minutiae points generated under the test conditions		
9	NFIQ Software Quality	Inbuilt NFIQ quality software either at device level or extractor		
10	FRR	FRR – should be < 2%		
11	Supported operating system	Windows 7, Windows 8, Windows 10, Windows Server 2012, 2008 and Android 4.4 & above Linux – Redhat, Suse. Boss, Ubuntu		
12	ESD	>= 8Kv		
13	Environment, Health and Safety	ROHS Certification		
14	Safety	UL or IEC60950 compliance		
15	EMC Compliance	FCC class A or equivalent		
16	STQC Certification	STQC Final Certification Valid as on Tender Date for UIDAI compliance		
17	Level O certification complying to UIDAI	Final certification valid as on tender due date or should have submitted to STQC/UIDAI prior to tender due date		
18	API for interfacing with Application software	The API should be given by the OEM or through their authorised partner with full support during design, development, test and support period -without additional charges		

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**Annexure-2 - PRICE BID – Bio Metric Devices**

**"RATE CONTRACT REF NO : ELCOT/PROC/OT/33007/Bio Metric Devices/2017-18**

S.N	Product Code	Description	Initial approx Qty	Unit Price for destination( Packing, Forwarding and Insurance) <b>with out TAXES</b>	Installation & Commissioning charge s & other charge s if any (in Rs) per unit	Customs Duty (Excluding CVD & SAD) for col (5)	Applicable GST per unit in Rs	GST value per unit for Column 6 (in Rs.)	Total Unit Price with all Taxes and duties (Rs.) (5+6+7+8+9)	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	001	SINGLE FINGER PRINT SCANNER (BIOMETRIC) alongwith SDK	1 No.							
2	002	2” Receipt Thermal Printer( compatible and with support to the application service provider)	1 No.							
3	003	3” Receipt Thermal Printer ( compatible and with support to the application service provider)	1 No.							

**Note:**

- 1) The Bidder shall submit the offer by filling up all the columns against each item. Partial Quote allowed. The Bidder should mention the applicable GST clearly
- 2) Warranty : 36 months .
- 3) Rate Contract: 1 year from the date of issue of 1st Purchase order by ELCOT .and renewable on mutually agreed basis
- 4) The total cost excluding applicable GST and including all other duties and charges (Such as Customs Duty, Installation Charges etc.) of overall items will be taken for Price Bid evaluation. The lowest offered Bidder for Overall item will be called as L1 Bidder for that item. The vendor who quote the lowest total price will be considered as L1 bidder.
- 5) API for interfacing with Application software:The API should be given by the OEM or through their authorised partner with full support during design, development,test and support period **without additional charges**