

Rate Contract Tender

**Supply, Installation and Commissioning of
Biometric Systems**

Tender Ref. ELCOT/Proc/OT/33146/Biometric Systems /RC/2018-19

CORRIGENDUM TO THE TENDER DOCUMENT

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

S.N	Title of the clause	Existing	To be read as
1	Page No.13- Clause No.4- Eligibility Criteria- Section- 4.1- S.No - 2- Eligibility Conditions & Document Proof to be submitted.	<p>Eligibility Conditions:</p> <p>OEM shall be a Company registered in India under the Indian Companies Act 1956 and existing for the past 3 years as on 30.06.2018.</p> <p>Document Proof to be submitted:</p> <p>OEM shall provide the Certificate of Incorporation.</p>	<p>Eligibility Conditions:</p> <p>OEM shall be a Company registered in India under the Indian Companies Act 1956 and existing for the past 3 years as on 30.06.2018.</p> <p>OEM authorized SI (System Integrator) or maximum three members Consortium are only eligible to apply.</p> <p>Document Proof to be submitted:</p> <p>OEM shall provide the Certificate of Incorporation.</p> <p>Letter of Authorisation (MAF) from the manufacturer to represent their product / services for this Tender in the prescribed format shall have to be submitted by the authorized SI (System Integrator) of the OEMs.</p> <p>In case of consortium, maximum three members are permitted. Consortium Agreement dated not earlier than the tender publication date should be submitted. The Agreement should define the roles and responsibilities of the members of the consortium. The members of the consortium should identify one bidder member as 'Prime Bidder' who will act on behalf of this consortium. On becoming successful bidder the consortium agreement should be registered and submitted. An undertaking to the effect should be submitted.</p>
2	Page No. 15- Clause No. 5- Specification	-	Lease Cum Service Model (LCS) as Category 2 is added for implementing the Biometric attendance system. Specifications for the Biometric devices / attendance systems to be installed under this Category placed in Annexure- 1 .
3	Page No. 40- Clause No. 7. Tender Opening and Evaluation – Section No. 7.5.3- Point C-	<p>Partial bid is allowed with the following conditions</p> <p>The bidders who quote for items S. No. 1 to 14 should quote for all the relevant</p>	<p>a) Partial bid is allowed with the following conditions for Category 1.</p> <p>The bidders who quote for items S. No. 1 to 14 should quote for all the relevant items among S. No. 15 to 34, failing which bid is liable for</p>

	Sub point 4	<p>items among S. No. 15 to 34, failing which bid is liable for rejection and will not be considered for further processing.</p> <p>As ELCOT wants to ensure that fair price is quoted against each line item and hence single bid items are liable for rejection. However ELCOT's decision is final in this regard</p>	<p>rejection and will not be considered for further processing.</p> <p>As ELCOT wants to ensure that fair price is quoted against each line item and hence single bid items are liable for rejection. However ELCOT's decision is final in this regard</p> <p>b) Partial bid is not allowed for category - 2. (newly included).</p> <p>The total cost excluding applicable Local Taxes and including all other duties and charges (Such as Customs Duty, Installation Charges etc., as per the guidelines stated above) of all tendered items will be taken for Price Bid evaluation. The bidder who has become lowest in overall total will be called as L1 bidder. The L1 bidder will be negotiated to reduce the quoted price further and to match the L1 price of the items (If any), where they have not become L1. Other qualified Bidders will be negotiated to match overall L1 Price. If more than one Bidder matches the overall L1 Price, then order may be placed with more than one Bidder, who matches the L1 Price. However, preference will be given to the L1 Bidder. The L1 Bidder will be given an order value more than the other Bidders, who matches the L1 Price. The decision of ELCOT will be the final.</p>
4	Page No. 50- Clause No. 9- Scope of Work – Section No. 9.1	9.1- Scope of Work	<p>9.1.a. - Scope of Work for Category -1.</p> <p>Scope for the Successful Bidder:-</p> <ol style="list-style-type: none"> 1. Supply the Ordered items in time, as per the approved specification. 2. Install the supplied items at the Purchaser locations along with the appropriate licenses (If applicable). 3. It is the responsibility of the Successful Bidder to provide Warranty Services and CAMC services. <p>9.1.b. - Scope of Work for Category -2 is newly added which is placed in Annexure -2</p>
5	Page No. 57- Clause No. 9- Scope of Work – Section No. 9.11- Warranty Clause	9.11- Warranty Clause	<p>9.11.a- Warranty Clause for Category -1 remains the same as indicated in the tender document.</p> <p>9.11.b. - Warranty Clause for Category -2 is newly added which is placed in Annexure-3</p>

6	Page No. 107- Annexure-2 Price bid	-	Price bid is newly added which is placed in Annexure-4
7	Page No. 60 – Clause No. – 10- Payment Clause	Payment terms (10.1-10.4)	Payment terms for Category -1 (Point No. 10.1 to 10.4) (Remains the same as indicated in the tender document). Payment Clause for Category -2 is newly added which is placed in Annexure -5
8	Page No. 63- Appendix -1 Model Form of Contract- Point No. 4	Delivery Schedule	a) Delivery Schedule for Category -1 (Remains the same as indicated in the tender document). b) Delivery Schedule for Category -2 is newly added. The ordered items should be delivered, installed and commissioned within 15 to 42 days from the date of LOA / Agreement, whichever is earlier
13	Page No. 58- Section No. 9- Scope of Work- 9.11- Warranty Clause – Point No. 5	Penalty for nonadherence of the above SLA (Service Level Agreement)	a) Penalty for nonadherence of the above SLA (Service Level Agreement) for category 1- (Remains the same as indicated in the tender document) b) Penalty for nonadherence of the above SLA (Service Level Agreement) for Category -2 is newly added. If the complaints are not rectified within the stipulated period as mentioned in class 9.10.d.4 an equivalent standby shall be supplied till rectification. A penalty of 1% on the value of the item will be charged per day till the equipment is put on working condition, in case the standby item is not supplied.

Note: (The above corrigendum is applicable to all other clauses which contains the respective terms in the tender document)

Annexure-1 for Category 2- Lease Cum Service Model (LCS)**Linux based Biometric Attendance Systems (500 Users) Without Battery and Card Reader**

Sl. No	Parameter	Tender Specifications
1	Fingerprints templates Storage capacity	500 or above
2	Card Storage (RFID)	500 or above
3	Transaction storage	50000
4	Card reader	Card Reader is Optional
5	Fingerprint sensor(Biometric)	500 DPI Optical sensor
6	FAR	$\leq 0.0001\%$
7	FRR	$\leq 1\%$
8	Identification speed	< 1 sec
9	Algorithm Ver	10
10	Display	2.8" Color TFT or above
11	Keypad	Yes- 4 x 4 Keypad
12	LED Indicator	Green/Red
13	Schedule Bell/Speaker	Mini Speaker
14	Communication	TCP/IP, USB-host
15	Power Supply	DC 5V: 0.8 Amps
16	Operating Temperature	0°C to 45°C
17	Operating Humidity	20% -80%
18	Battery	Battery is Optional
19	Compatible Software and SDK	1) Bidder should provide the necessary web based attendance application / Cloud based / Desktop based (integrated)/ database software, which should be installed in a physical / virtual server available at customer premises as per the customer requirement. 2)Bidder should install Biometric Attendance System (BAS) Software at Vendor level before delivery. Vendor has to provide all necessary technical support for integration of BAS with the required software.
20	Accessories	Power Adapter, USB cable

Linux based Biometric Attendance Systems (500 Users) With Battery backup.

Sl.No	Parameter	Tender Specifications
1	Fingerprints templates Storage capacity	500 or above
2	Card Storage (RFID)	500 or above
3	Transaction storage	50000
4	Card reader	Inbuilt proximity card reader
5	Fingerprint sensor(Biometric)	500 DPI Optical sensor
6	FAR	$\leq 0.0001\%$
7	FRR	$\leq 1\%$
8	Identification speed	< 1 sec
9	Algorithm Ver	10
10	Display	2.8" Color TFT or above
11	Keypad	Yes- 4 x 4 Keypad
12	LED Indicator	Green/Red
13	Schedule Bell/Speaker	Mini Speaker
14	Communication	TCP/IP, USB-host
15	Power Supply	DC 12V: 1 Amps
16	Operating Temperature	0°C to 45°C
17	Operating Humidity	20% -80%
18	Battery	Minimum battery backup upto 2 hours (Bidder to specify - Power Consumption, Battery make and capacity in the hardware compliance)
19	Compatible Software and SDK	<p>1) Bidder should provide the necessary web based attendance application / Cloud based / Desktop based (integrated)/ database software, which should be installed in a physical / virtual server available at customer premises as per the customer requirement.</p> <p>2)Bidder should install Biometric Attendance System (BAS) Software at Vendor level before delivery. Vendor has to provide all necessary technical support for integration of BAS with the required software.</p>
20	Accessories	Power Adapter, USB cable

Linux based Biometric Attendance Systems (2000 Users)

Sl.No	Parameter	Tender Specifications
1	Fingerprints templates Storage capacity	2000 or above
2	Card Storage (RFID)	2000 or above
3	Transaction storage	1,00,000
4	Card reader	Inbuilt proximity card reader
5	Fingerprint sensor(Biometric)	500 DPI Optical sensor
6	FAR	$\leq 0.0001\%$
7	FRR	$\leq 1\%$
8	Identification speed	< 1 sec
9	Algorithm Ver	10
10	Display	2.8" Color TFT or above
11	Keypad	Yes
12	LED Indicator	Green/Red
13	Schedule Bell/Speaker	Mini Speaker
14	Communication	TCP/IP, USB
15	Power Supply	DC 12V: 1.5Amp
16	Operating Temperature	0°C to 45°C
17	Operating Humidity	20% -80%
18	Battery	Minimum battery backup upto 2 hours (Bidder to specify - Power Consumption, Battery make and capacity in the hardware compliance)
19	Compatible Software and SDK	<p>1) Bidder should provide the necessary web based attendance application / Cloud based / Desktop based (integrated)/ database software, which should be installed in a physical / virtual server available at customer premises as per the customer requirement.</p> <p>2) Bidder should install Biometric Attendance System (BAS) Software at Vendor level before delivery. Vendor has to provide all necessary technical support for integration of BAS with the required software.</p>
20	Accessories	Power Adapter, USB cable

Linux based Biometric Attendance Systems (3000 Users)

Sl.No	Parameter	Tender Specifications
1	Fingerprints templates Storage capacity	3000 or above
2	Card Storage (RFID)	3000 or above
3	Transaction storage	1,00,000
4	Card reader	Inbuilt proximity card reader
5	Fingerprint sensor(Biometric)	500 DPI Optical sensor
6	FAR	$\leq 0.0001\%$
7	FRR	$\leq 1\%$
8	Identification speed	<1 sec
9	Algorithm Ver	10
10	Display	2.8" Color TFT or above
11	Keypad	Yes
12	LED Indicator	Green/Red
13	Schedule Bell/Speaker	Mini Speaker
14	Communication	TCP/IP, USB
15	Power Supply	DC 12V: 1.5Amp
16	Operating Temperature	0°C to 45°C
17	Operating Humidity	20% -80%
18	Battery	Minimum battery backup upto 2 hours (Bidder to specify - Power Consumption, Battery make and capacity in the hardware compliance)
19	Compatible Software and SDK	<p>1) Bidder should provide the necessary web based attendance application / Cloud based / Desktop based (integrated)/ database software, which should be installed in a physical / virtual server available at customer premises as per the customer requirement.</p> <p>2)Bidder should install Biometric Attendance System (BAS) Software at Vendor level before delivery. Vendor has to provide all necessary technical support for integration of BAS with the required software.</p>
20	Accessories	Power Adapter, USB cable

Linux based Biometric Attendance Systems (5000 Users)

Sl.No	Parameter	Tender Specifications
1	Fingerprints templates Storage capacity	5000 or above
2	Card Storage (RFID)	5000 or above
3	Transaction storage	1,00,000
4	Card reader	Inbuilt proximity card reader
5	Fingerprint sensor(Biometric)	500 DPI Optical sensor
6	FAR	$\leq 0.0001\%$
7	FRR	$\leq 1\%$
8	Identification speed	< 1 sec
9	Algorithm Ver	10
10	Display	2.8" Color TFT or above
11	Keypad	Yes
12	LED Indicator	Green/Red
13	Schedule Bell/Speaker	Mini Speaker
14	Communication	TCP/IP, USB
15	Power Supply	DC 12V: 1.5Amp
16	Operating Temperature	0°C to 45°C
17	Operating Humidity	20% -80%
18	Battery	Minimum battery backup upto 2 hours (Bidder to specify - Power Consumption, Battery make and capacity in the hardware compliance)
19	Compatible Software and SDK	<p>1) Bidder should provide the necessary web based attendance application / Cloud based / Desktop based (integrated)/ database software, which should be installed in a physical / virtual server available at customer premises as per the customer requirement.</p> <p>2) Bidder should install Biometric Attendance System (BAS) Software at Vendor level before delivery. Vendor has to provide all necessary technical support for integration of BAS with the required software.</p>
20	Accessories	Power Adapter, USB cable

Linux based Biometric Attendance Systems (10000 Users)

Sl.No	Parameter	Tender Specifications
1	Fingerprints templates Storage capacity	10000 or above
2	Card Storage (RFID)	10000 or above
3	Transaction storage	2,00,000 or above
4	Card reader	Inbuilt proximity card reader
5	Fingerprint sensor(Biometric Systems)	500 DPI Optical sensor
6	FAR	$\leq 0.0001\%$
7	FRR	$\leq 1\%$
8	Identification speed	< 0.5 sec
9	Algorithm Ver	10
10	Display	3" Color TFT or above
11	Keypad	Yes
12	LED Indicator	Green/Red
13	Schedule Bell/Speaker	Mini Speaker
14	Communication	TCP/IP, USB
15	Power Supply	DC 12V: 1.5Amp
16	Operating Temperature	0°C to 45°C
17	Operating Humidity	20% -80%
18	Battery	Minimum battery backup upto 4 hours, with minimum 2000 mAH battery or above
19	Compatible Software and SDK	<p>1) Bidder should provide the necessary web based attendance application / Cloud based / Desktop based (integrated)/ database software, which should be installed in a physical / virtual server available at customer premises as per the customer requirement.</p> <p>2) Bidder should install Biometric Systems Attendance System (BAS) Software at Bidder level before delivery. Bidder has to provide all necessary technical support for integration of BAS with the required software.</p>
20	Accessories	Power Adapter, USB cable

Annexure -2 – Scope of Work for Category 2- Lease Cum Service Model (LCS)

1. Bio Metric attendance devices which are comply with UIDAI/STQC finger print scanner and SIM card should be installed at all designated locations in Tamil Nadu and the same should be maintained by the bidder for the period of 3 years.
2. The attendance of each and every student must be saved in the NIC server or the pointed servers through the dedicated application. Biometric device should display the photo of the user after the authentication as applicable.
3. The successful bidder shall maintain centralised “Bio metric Attendance software” enabled with capturing of the Thumb Impression of the user with the Bio metric device provided by this Department.
4. Online domain login for accessing the application will be provided by the department. Charges incurred towards customisation of the report format/Modification of the software should be borne by the bidder.
5. The reports regarding the attendance of the users must be furnished to the department on daily (Morning and the Night) /weekly and monthly basis as per directions of the department.
6. ID cards for each user have to be provided by the bidder for storing the 8 digit Aadhaar number wherever required. The details to be stored in the ID card such as scanned copy of photo, name of the student etc will be provided by the department.
7. Successful bidder shall maintain adequate spares and stand by hardware in all the Districts in order to provide uninterruptible service by keeping the downtime of any asset to the barest minimum of 4 (Four) hours from the date and time of service request otherwise a penalty of 1% of the basic cost of the item for every delayed hour be charged.

Annexure-3 – Warranty Clause for Category 2- Lease Cum Service Model (LCS)

The warranty clause during the three years period would be applicable as follows.

- a) All the Tendered items shall be supplied to the customer site free from breakages, malfunctions, breakdowns or manufacturing defects. If any of the items are found defective due to manufacturing defect or design fault or transit damage occurred at the time of supply or within one month from the date of installation, the items in full shall be replaced.
- b) All the materials and components of the Tendered items shall be covered with a replacement warranty of 39 months from the date of signing of installation report of the ordered items. The successful Bidder shall be liable to make good the loss by replacing the items or other accessories found defective during the warranty / project period.
- c) The Successful Bidder shall give an undertaking to maintain the spares of all the hardware items of 2% of the total quantity ordered (to be available in full working condition and be replenished after servicing) at their Chennai Office, which is open to inspection by ELCOT or customer department at any time.
- d) During the warranty period, the complaints received from the customers shall be attended as below.
- e) If the complaint is received during the forenoon (up to 2 PM), the complaint shall be attended on the same day.
- f) If the complaint is received during the afternoon (after 2 PM), the complaint shall be attended on the next day. If next day is the declared Holiday, the complaint shall be attended in the next working day under normal circumstances. In emergency situations or urgent requirement of the customer, the complaint shall be resolved within 4 hours.
- g) All the complaints shall be attended from the nearest service centres.
- h) All the complaints shall be rectified within 2 working days excluding the date of complaint, if the items are taken for repair / replacement after during standby.
- i) **Penalty during warranty period:-** If the complaints are not rectified within the stipulated period as mentioned in class 9.10.d.4 an equivalent standby shall be supplied till rectification. A penalty of 1% on the value of the item will be charged per day till the equipment is put on working condition, in case the standby item is not supplied.
- j) Monthly Report on the periodical / preventive maintenance of the supplied items shall be sent to ELCOT by e-mail.
- k) Weekly breakdown maintenance report shall be sent to ELCOT with details of rectification.

Annexure - 4 - PRICE BID – Biometric Systems with 3 years Warranty for Category 2- Lease Cum Service Model (LCS) and extendable for another 2 years on mutual agreement without changes in rates

RATE CONTRACT REF NO: ELCOT/Proc/OT /33146/Biometric Systems/RC/2018-19

S.N	Product Code	Description	Initial approx Qty & the future on RC	Unit Price for destination(Packing, Forwarding and Insurance) without TAXES	Installation & Commissioning charges & other charges if any (in Rs.) per unit	Total Unit Price without GST (Rs.)	GST in % for Col no.5	GST Value in Rs.	Total Unit Price with GST (Rs.) (7+9)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	33146-001	Linux based Biometric Attendance Systems (500 Users) Without Battery and Card Reader	1 No						
2	33146-002	Linux based Biometric Attendance Systems (500 Users) (with Battery backup and case)	1 No						
3	33146-003	Linux based Biometric Attendance Systems (2000 Users)	1 No						
4	33146-004	Linux based Biometric Attendance Systems (3000 Users)	1 No						

5	33146-005	Linux based Attendance (5000 Users)	Biometric Systems	1 No						
6	33146-006	Linux based Attendance (10000 Users)	Biometric Systems	1 No						

Annexure-5 – Payment clause for Category 2- Lease Cum Service Model (LCS)

- a) No advance payment
- b) The entire assets' cost will be divided into 20 quarters (5 years) and the quarterly payment on completion of supply, installation and successful commissioning of infrastructure assets to the Registration Department and a certificate obtained from SRO and DR in the prescribed format and a concurrence letter from IGR to ELCOT.
- c) The quarterly payment will be paid after deduction of 5% of the contract value towards performance security deposit, LD and Penalty etc as applicable. Alternatively the successful bidder / contractor can be paid 100% quarterly payment against submission of irrevocable Bank Guarantee from a nationalised / scheduled bank for the 5% contract value towards Performance Security Deposit with validity for 63 months from the date of installation, commissioning and acceptance.
- d) Bills will be honoured within 15 working days after submission of bills along with all supporting documents in complete shape. The Supplier should file relevant invoices online using the web based Procurement Software in operation at ELCOT.