

VISAKHAPATNAM PORT TRUST  
MECHANICAL & ELECTRICAL ENGINEERING DEPARTMENT

TENDER NOTICE . No. 125 /2017-18/IM&EE/MOF/FOF/ET/F.29 / dt.10 .01.2018

**Sealed tenders are invited for the work:** Supply and Installation of Aadhaar enabled Biometric Attendance System at A.O.B -Reg.

The Estimate cost (Put to Tender) Rs.3,00,662/-

Date of hoisting of Tender Documents: FROM. 12 - 01-2018 at 16.30 hrs

TO . 22 - 01- 2018 at 14.00 hrs.

Last date & time open of Tenders: 24 - 01 - 2018 at 15.00 Hrs.

Bid Validity; 60 Days.

1. The firm has to pay E.M.D Rs.6013/- (Rupees six thousand and thirteen only) in the form of Bankers' Cheque / pay order / Demand Draft of Nationalized / Scheduled Banks drawn in favour of F.A & C.A.O., VPT.
2. The firm has to pay cost of Tender Documents Rs.200/- in the form of B C / P O / D.D of any Nationalized / Scheduled Banks drawn in favour of F.A & C.A.O, VPT.

**SEALED COVER QUOTATIONS ARE TO BE ADDRESSED TO:**

Superintending Engineer (E/T)  
Mech & Electrical Engg.Dept  
ADMINISTRATIVE OFFICE BUILDING  
ROOM NO 204  
Visakhapatnam Port Trust,  
VISAKHAPATNAM-530035. (M) 9948298305

Enc; - Work Schedule.

SUPERINTENDENT ENGINEER(E/T)

**VISAKHAPATNAM PORT TRUST  
MECHANICAL AND ELECTRICAL ENGINEERING DEPARTMENT**

Sub: Supply and Installation of Aadhaar enabled Biometric Attendance System at A.O.B -Reg

**WORK SCHEDULE**

Sl No	Description	Qty	Unit Rate	Amount in Rs
01	<p><b>STQC Approved Fingerprint and Smart Card based Time-Attendance Terminal with Touch Screen, PoE, Wi-Fi and IP65 Ratings</b>  Supports Mifare Smart Card Only (Using Card Module)  3.5" Capacitive Touch Panel  ☑ Authentication Mode: AADHAAR Number (through Smart Card) + Finger  ☑ Embedded Linux based Time-Attendance Terminal  ☑ Ethernet, PoE, Wi-Fi, 3G/4G Mobile Broadband  ☑ IP65, CE, FCC, RoHS, and BIS</p>	06 Nos		
02	<p><b>13.56 Mhz Contactless Mifare Smart Card including dual card holder to accommodate.</b>  Read/Write Supported  Stores AADHAAR Number  Minimum 10 years of Data Retention  Reading Range: Less than 8 cm  Operating Temperature: -31° to 122° F (-35° to 50° C)  Dimensions: 5.40 cm x 8.57 cm x 0.084 cm  Card Printing inclusive</p>	300 Nos		
03	Biometric Device Console Box Stain less Steel.	06 Nos		
04	1 KVA UPS For 30 Minutes Back UP Warranty:2 years including batteries HSN Code:-85049090	02 Nos		
05	D- Link DIR-615 HSN Code :- 85176930 CAT 6 UTP Cable 50 mtrs	02 Nos		
06	Installation and Commissioning charges for 6 Devices and one time enrolment of 500 employees	Lumsu m		

SUPERINTENDENT ENGINEER(E/T)

**Terms and Conditions:**

1. Offer should be valid for 03 Months
2. HSN/ASN code and GST taxes applicable to be mentioned in offer
3. Warranty/Guaranty of work should be 01 year from date of commission
4. I.T will be recovered as per the rules in force in VPT
5. Registration port employees up to 500 in the scope
6. VPT will assist for registrations with GOVT web site-Aadhar
7. Specification of the devices enclosed at Annex-"A"
8. Device should be as certified by NIC, Govt of India (certificate)
9. OEM service support is must for a period of 05 years( undertaking from OEM)
- 10.No financial commitment at this stage being a budgetary.

SUPERINTENDENT ENGINEER(E/T)

## Annexure-I

### Technical Specifications and scope (Basic and indicative)

<b>Application</b>	Time attendance
Integration	AEBAS (Aadhar enabled Biometric Attendance system)
<b>General</b>	
Credential support	Finger,smart card and Aadhar Number
Card support	Mifare smart card (read/write support)
Sensor	Suprema Optical sensor (STQC certified )
Keypad	Touch screen
<b>Display</b>	
Display	3.5 inch TFT with capacitive touch panel
Display size	320 x 240 pixels
Size of wall paper	512 Kb
<b>Communication</b>	
Eathernet	Yes (10/100 Mbps on eathernet)
Wi-Fi	Yes (802.11b/g/n)
PoE	Yes(IEEE 802.3 af)
Mobile Broadband	Yes (3G/4G support) through USB dongle
<b>Interfaces</b>	
USB	Yes (for 3G/4G connectivity and data transfer)
2G/3G/4G dongle specification	Huawei E3351 data card
Dongle dimensions (wxhxd) mm	25.5x65x8.5
<b>Audio Visual</b>	
User Phot display	Yes
Buzzer	Yes
<b>Configuration</b>	
Platform (OS)	Embedded Linux
CPU	800 Mhz ARM Cortex A8 based processor
Flash Memeory	256 KB Flash
RAM	512 MB DDR3 RAM
Micro SD card	Yes In-built
<b>Electrical</b>	
Input power	12 V DC @ 2 Amps
<b>Physical</b>	
Dimensions (optional customizable)	Since device is encapsulated in Stainless steel metal enclosure with access from front side.
Tamper Detection	Yes
<b>Environment</b>	
Humidity	5% to 85% RH non-condensing
Temperature	0 degrees to +50 degrees
Certifications (mandatory)	Rohs,CE,FCC,IP-65,BIS,Shock and vibration proof

## FEATURES

1. Credentials Fingerprint Smart Card Keypad	2. Authentication Modes Smart Card + Finger Keypad + Finger	3. Languages English Hindi Regional Languages as per Request	4. Display 3.5" Touch Screen Display User Photo
5. Connectivity Ethernet with PoE Wi-Fi 3G/4G/LTE USB	6. IP65 Certified Protection from Dust and Liquid	7. Certification STQC CE RoHS BIS FCC IP65	

### Scope of Installation:

1. Bidder should deliver material as per the specification given and install as required by VPT specified locations
2. These readers are meant for time attendance to officers and employees working in AOB and other admin depts.
3. These devices are to be secured in a suitable stainless steel enclosure to protect from dust and moisture content
4. Approximately 300 employees are required to be registered with Aadhar Enabled biometric server maintained by NIC, Govt of India, New Delhi as required. One officer will be nominated from VPT side as a nodal officer as required at the time of enrolment. Bidder shall coordinate registration process duly providing assistance, posing technical person till completion.
5. Necessary cabling, power and network should be neatly secured and placed as per the industrial standards.
6. VPT will provide required power to the devices/UPS
7. On successful completion, firm will provide necessary technical assistance till go live smoothly.
8. Bidder should coordinate with port NW team in providing required access (both broadband internet as well as WiFi).
9. Generating various reports – time attendance to port users
10. Documentation on completion

SE(electronics)