

VISAKHAPATNAM PORT TRUST
MECHANICAL & ELECTRICAL ENGINEERING DEPARTMENT

TENDER NOTICE.No.105 /2017-18/IM&EE/MOF/FOF/ET/F.19 / 6059 dt. 03 .07.2017

Sealed tenders are invited for the work :- COMPREHENSIVE ENVIRONMENTAL MANAGEMENT SYSTEM (CEMS) FOR CIVIL WORKS PROVIDING GPS/RFID FOR SPRINKLING TANKERS – Reg.

The Estimate cost (Put to Tender) Rs.3,17,543 /- inclusive of taxes.

Date of hoisting of Tender Documents in VPT Website : from 03- 07-2017 at 16.30 hrs to 12- 07- 2017 at 14.00 hrs. (www.vizagport.com)

Last date & time open of Tenders: 12-07-2017 at 15.00 Hrs.

Bid Validity: 60 Days.

1. The firm has to pay E.M.D Rs.6350/- (Rupees six thousand three hundred and fiftyonly) 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.

s/d

Enc; - Work Schedule.

SUPERINTENDENT ENGINEER(E/T)

**VISAKHAPATNAM PORT TRUST
MECHANICAL AND ELECTRICAL ENGG DEPT**

WORK SHEDULE

Sub: Comprehensive Environmental Management System (CEMS) for civil works
Providing GPS/Rfid for sprinkling tankers-Reg

SL NO	ITEM DESCRIPTION	UNITS	QTY	UNIT RATE	AMOUNT IN RS.
01	Supply GPS/GPRS tracking devices in the water tanker and sweeping machines along with all accessories cables, antenna, power supply battery etc as (one time cost) as per the scope at Annex-A	Nos	25		
02	Monthly Operational (WEB service including SMS service) and maintenance charges includes GPS/GPRS SIM cards, background visualization charts and customization to VPT requirement per month as per the scope at annex-B	Month	12 months 25 No's		
03	CAMC-Comprehensive Maintenance of hardware GPS/GPRS devices after warranty period per for a period of 03 years(including repairs and replacement of defective components)	Year	03 years		

Terms & conditions

1. Offer should be valid for 02 months period
2. All taxes should be clearly mentioned in the Offer.
3. Guarantee/Warranty period of devices is 01 year
4. Recovery/ reimbursement of any taxes which are in force in VPT are applicable.
5. No financial commitment at this stage on either side.
6. Firm has to submit proof of experience for similar work
7. Specification of devices & Maintenance scope as per the scope given at Annexure-A
8. Payment for the devices item No.1 will be released after successful completion (Installation & Testing)
9. Payment for the devices item No.2 paid either quarterly / monthly on successfully Performance duly certified by user Dept. AMC payment will be made quarterly / half yearly Annexure-A.
10. Bidder should survey port area for healthy/ availability of GPS signal coverage prior to installation / activation and choose best service provider having best signal coverage
11. Customisation as per the VPT requirement given at Annexure-A.

SUPT. ENGINEER (E/T)

Scope of supply and service

Key Objectives:

- 1) To design a mechanism to monitor water sprinkling operations in the port area especially stacking area to mitigate dust pollution.
- 2) To track water tankers, sweeping machines within in the area of interest
- 3) To count number of trips/day for transparency and accountability.

GPS/GPRS device specifications:

1. Device must be water proof, tamper proof and should have option for future flexibility
2. Antenna and with power backup with internal battery up to 8-10 Hours
3. Sufficient GPS channel (min 12-24 channels) with an accuracy of 10 mtrs
4. Operational power range 10 V DC to 36 V DC , 50-100 ma from vehicle battery
5. Dual band GSM with class 10GPRS
6. Device life 05 years with 01 year warranty
7. Firmware upgradable and built in memory to store data (min 30 days data)

Key features of the Solution

1. Application should be web based on private cloud with business continuity
2. 24/7 WEB support
3. Real time tracking: Track location of vehicle on real time basis (updating every after 0-30 sec while on move & 5 min on idle will update)
4. Detailed location History: Detailed record of locations visited with time stamp
5. Evaluation of number of trips as per the VPT requirements (start time and end time)
6. Route Reply- What route did a particular vehicle take, visualize through an online reply
7. Route Deviation: Each and every instance route deviation is reported and recorded
8. Geo-Fencing: Detect when vehicle moves out of designated area/fencing
9. Over speed-Alert on over speeding instances
10. Integration of sensors: Option to integrate additional sensors if VPT desires
11. Background maps should be latest updated one with respect to port area
12. Accessible application using Log-In as user ID and Password
13. Power disconnect-alert to user
14. Mobile Apps-An option to user to track current location of the vehicle by user

AMC Scope⊗i) Scope of AMC will commence after 01 year warranty.

ii) AMC is comprehensive which includes repairs, reconditioning and replacement of defective device.

iii) A defect call will be initiated by the user over phone or mail and same to be attended within 24 hours. If the call is not attended a penalty of 0.5% of work order value will be levied for every week of delay.

iv) The availability of solution should be maintained to the requirement of VPT in no case it should be far below 95%.

v) In case of any device or accessories became defective same to be replaced immediately with a working unit and subsequent repairs of defective unit to be taken up by the firm.

vi) Minor changes if any like device installation or in application to be carried out as per the user officer directions.

vii) Payment shall be made either monthly/quarterly as required on successful completion.

SUPT. ENGINEER (E/T)