

**Selection of agency for
Supply, Installation, Operation and Maintenance of
GPS & GPRS based Vehicle Tracking System
for Hazardous Waste movement Vehicles**

e-Tender Document

9th January 2020



PURCHASER:

Address:

Member Secretary
ANDHRA PRADESH POLLUTION CONTROL BOARD
Door No. 33-26-14D/2, Near Sunrise Hospital,
Kasturibaipet, Vijayawada - 520010, Andhra Pradesh.

Telephone:

9866776740

e- mail:

unit3-see1@appcb.gov.in

Website:

<https://pcb.ap.gov.in/>

DATA SHEET**Tender schedule:**

Tender Reference	:	APPCB/HW/VTS/2019
Bid Document download start date and time	:	09.01.2020 at 11.00 AM
Date of Pre-bid meeting	:	21.01.2020 at 11.00 AM
Bid document download end date and time	:	12.02.2020 at 03.00 PM
Bid submission closing date and time	:	12.02.2020 at 05.00 PM
Financial bid opening	:	Will be informed later
Place of opening of bids	:	Andhra Pradesh Pollution Control Board
Address for communication	:	Member Secretary, Andhra Pradesh Pollution Control Board Door No. 33-26-14D/2, Near Sunrise Hospital, Kasturibaipet, Vijayawada - 520010, Andhra Pradesh
Cost of tender document	:	Rs.1000/- (Rupees one thousand only) in favor of Member Secretary, Andhra Pradesh Pollution Control Board
EMD	:	Rs.5,000 (Rupees five thousand only) in favor of Member Secretary, Andhra Pradesh Pollution Control Board

Important Note: Prospective Software/Application Developer (Bidder) are requested to remain updated for any notices/amendments/clarifications etc. to the Tender Document through the e tender portal and website <https://pcb.ap.gov.in>. No separate notifications will be issued for such notices/amendments/clarifications etc. in the print media or individually.



ANDHRA PRADESH POLLUTION CONTROL BOARD
Door No. 33-26-14D/2, Near Sunrise Hospital,
Kasturibaipet, Vijayawada - 520010, Andhra Pradesh.

INVITATION OF BIDS
THROUGH e-PROCUREMENT PLATFORM

Tender Notice No. APPCB/HW/VTS/2019

Date:09.01.2020

1. Andhra Pradesh Pollution Control Board (APPCB) invites online bids through eProcurement platform from reputed firm / companies for **Supply, Installation, Operation and Maintenance of GPS & GPRS based Vehicle Tracking System for Hazardous Waste movement Vehicles.**
2. A complete set of bidding documents can be downloaded from <https://tender.apecprocurement.gov.in> from ___ to ___ before ___ PM. However, a scanned copy of the Demand Draft for Rs.1000/- drawn in favor of **Member Secretary, Andhra Pradesh Pollution Control Board** shall be uploaded towards cost of Tender Document along with the bid, failing which the bid will be disqualified.
3. All bids must be submitted on or before **05:00 PM (IST) 12.02.2020** through eProcurement platform only (online).
4. APPCB will not be responsible for any costs or expenses incurred by bidders in connection with the preparation or delivery of bids.
5. In the event of date being declared as a closed holiday, the date for submission of bids and opening of bids will be the following working day at the appointed time.
6. The Tender Document is not transferable.
7. The proposal document shall be signed by the proposer in all the pages with official seal.
8. Prices shall not be indicated anywhere in the technical bid. If the price is indicated anywhere in the technical bid, their offer will be rejected.
9. Bidders are expected to examine all instructions, forms, terms specifications etc.in the Bidding documents. Failure to furnish all information as stipulated in the Bidding Documents or submission of a Bid not in compliance to the Bidding Documents will be at the Bidder's risk and may result in rejection of its bid.
10. Tenderers / bidders or their authorized agents alone are allowed to participate in the opening of the tender.
11. All charges on account of sales tax, income tax, and other duties etc., shall be borne by the tenderer /bidder towards the said tender.
12. In the event of the tender / bid being accepted, the contract must be signed by the tenderer / bidder and in the case of a registered partnership firm, the tender should be signed by the managing partner or authorized signatory or in the case of company, tender should be signed by its secretary or authorized signatory.
13. In the event of a dispute between client and agency, the dispute would be subject to the jurisdiction of the courts in city.
14. The contractor / Bidder shall not assign or sublet his contract.

15. The Contractor / Bidder shall carry out the work as detailed in the schedule accompanying the tender notification & documents.
16. If the contractor / bidder fail to comply with the requirements of the schedule / contract agreement, the institute has the right to terminate the contract with the prior one month notice and after recovery of the amounts that are due from the contractor / bidder towards the institute.
- 17.** Tenderers of only those Tenders who fulfil the terms and conditions of this tender will be considered for evaluation. The tenderers will undergo evaluation at every stage of processing and any tenderer found at any stage, not in conformity with the stipulated tender conditions including specification / found to be having defective and incomplete documents will be rejected. Note: For assistance in the online submission issues, the bidder may contact the help desk of M/s. Vupadhi Techno Services Pvt. Ltd. (eProcurement) at their email address: eprocsupport@vupadhi.com or on the Phone No: **08645246370 / 71 / 72 / 73 / 74**

18. Procedure for offer submission:

The Bidders shall submit their response through e-Procurement platform at <https://tender.apecurement.gov.in> or <http://www.apecurement.gov.in/> by following the procedure given below.

The Bidders would be required to register on the e-procurement market place <http://www.apecurement.gov.in> or <https://tender.apecurement.gov.in> and submit their bids online.

Offline bids will not be entertained by the Tender Inviting Authority for the tenders published in e-Procurement platform.

The Bidders shall submit their eligibility and qualification details, Technical bid, Financial bid etc., in the online standard formats displayed in e-Procurement website.

The Bidders shall upload the scanned copies of all the relevant certificates, documents, etc., in support of their eligibility criteria/technical bids and other certificates/documents in the e-Procurement website.

The Bidders shall sign on the statements, documents, certificates, uploaded by them, owning responsibility for their correctness/authenticity.

The Bidders shall attach all the required documents for the specific tender after uploading the same during the bid submission as per the Tender Notice and Bid Document.

19. Registration with e-Procurement platform:

For registration and online bid submission, Bidders may contact HELP DESK of M/s. Vupadhi Techno Services Private Limited Or <https://tender.apecurement.gov.in>

20. Digital Certificate Authentication:

The Bidders shall authenticate the bid with their Digital Certificates for submitting the bid electronically on e-Procurement platform and the bids not authenticated by digital certificate of the Bidders will not be accepted on the e-Procurement platform.

21. Submission of Hard Copies:

The scanned copies of DD towards tender document fee and EMD shall be uploaded along with the bid through e-Procurement platform online. After submission of bid online, the Bidders are requested to submit the originals of

technical bid document, DD / BG towards EMD and tender document fee to the Tender Inviting Authority on or before the opening of financial bids. The Tender Inviting Authority will consider only the bids submitted through on-line over the copies of the paper based bids.

APPCB shall not take any responsibility for any delay or non-receipt. If any of the documents furnished by the Bidders are found to be false/fabricated/bogus, such Bidders are liable for blacklisting, forfeiture of the EMD, cancellation of work and criminal prosecution.

The Bidders are requested to get a confirmed acknowledgement from the Tender Inviting Authority as a proof of submission of Hard Copies to avoid any discrepancy. The Bidders have to attach the required documents after uploading the same as required by Tender Inviting Authority in the tender conditions.

22. Payment of Transaction Fee:

All the participating bidders have to electronically pay a non-refundable transaction fee to M/s. APTS, the service provider through "Payment Gateway Service on E-Procurement platform", as per the Government Orders placed on the e-procurement website.

23. Tender Document:

The Bidders are requested to download the Tender Document and read all the terms and conditions mentioned in the Tender Document and seek clarification, if any, from the Tender Inviting Authority. **Any offline bid submission clause in the tender document could be neglected.** The Bidders have to keep track of any changes by viewing the Addenda / Corrigenda issued by the Tender Inviting Authority from time-to-time, in the e-Procurement platform. The Department calling for Tenders shall not be responsible for any claims / problems arising out of this.

24. Bid Submission Acknowledgement:

The Bidders shall complete all the processes and steps required for Bid submission. The system will generate an acknowledgement with a unique bid submission number after completing all the prescribed steps and processes by the Bidders. Users may also note that the bids for which an acknowledgement is not generated by the e-Procurement system are treated as invalid or not saved in the system. Such invalid bids are not made available to the Tender Inviting Authority for processing the bids. The Andhra Pradesh Pollution Control Board and M/s. APTS are not responsible for incomplete bid submission by users.

HOW TO APPLY

- Click at <http://www.apecurement.gov.in> or <https://tender.apecurement.gov.in> download e-Procurement notification
- Read the complete document carefully
- Technical & Price Bid shall be submitted online only
- The system will generate an acknowledgement with a unique offer submission number on successful completion of the above process.

For any help or technical support on e-Procurement, Bidders may contact M/s Vupadhi Techno Services Private Limited over phone or in person or their helpdesk at:

e-Procurement Help Desk

M/s. Vupadhi Techno Services Pvt. Ltd.

Flat No : 407, Sreeram's Sneha Avenue,
Near Aravinda School, Kunchanapalli,
Tadepalli (M), Guntur (Dist) - 522501.
Andhra Pradesh.

Phone No: 08645-246370 / 71 / 72 / 73 / 74

INSTRUCTION TO BIDDER

1. EVALUATION CRITERIA: Based upon an examination of the documentary evidence of the bidders qualification uploaded by the bidder, Employer will determine the capabilities with respect of technical, production and manpower etc,

a. The decision of the Employer in selection of agency shall be final and binding on the participating agencies.

b. Even though an applicant may satisfy the above requirements, he would be liable to disqualification if he has:

Made misleading or false representation or deliberately suppressed the information in the forms, statements and enclosures required in the technical bid document.

Record of poor performance such as abandoning work, not properly completing the contract or financial failures/weaknesses etc.

2. PERIOD OF VALIDITY OF BIDS:

a. Bids shall remain valid for 90 days from the date of opening of tender. A Bid expressed to be valid for a shorter period may be rejected by the Owner / Employer as non - responsive.

b. In exceptional circumstances, the Owner / Employer may solicit the Bidders consent to an extension of the period of validity. The request and the response thereto shall be made in writing or by cable. Bidder may refuse the request without thereby forfeiting their Bid security. A bidder granting their request will not be required nor permitted to modify its Bid.

3. OPENING OF BIDS BY EMPLOYER

a. Employer will open the technical bids on the date prescribed in the tender document.

b. Commercial Bids of Bidders whose offers (Technical Bid) are found technically substantially responsive to the Bid Documents will be opened on a date to be intimated later to these Bidders. All other Bids shall be deemed to have been rejected for any further consideration / evaluation.

c. Financial Bids of Bidders whose offers (Technical Bid & Commercial Bid) are found technically and commercially substantially responsive to the Bid Documents will be opened on a date to be intimated later to these Bidders. All other Bids shall be deemed to have been rejected for any further consideration / evaluation.

d. Financial Bids of Bidders whose Techno - Commercial Bids have been rejected shall not be opened and shall not be considered further for reevaluation irrespective of the circumstances.

4. Commencement of services :

Within 7 days from the date of award of contract.

5. EARNEST MONEY DEPOSIT:

- a. The Bidder shall upload as part of its bid an EMD of Rs.5,000 (Rupees five thousand only).
 - b. The EMD is required to protect the Employer against the risk of Bidder's conduct, which warrants security's forfeiture.
 - c. The EMD of unsuccessful tenderers will be refunded after the tenders are finalized. The EMD shall not bear any interest.
 - d. The Earnest Money Deposit of the successful bidder will be refunded after the receipt of performance security deposit along with contract agreement.
 - e. EMD may be forfeited:
 - If the bidder withdraws or its bid during the period of bid validity or In the case of successful bidder, if the bidder fails to sign the contract in accordance with tender clause.
6. **APPCB RIGHT TO ACCEPT OR REJECT ANY OR ALL BIDS:** APPCB reserves the right to accept or reject any Bid
- a. During the Bidding process and reject all Bids at any time prior to award of contract, without thereby incurring any liability to the affected Bidder or Bidders on the grounds of the APPCB.
 - b. The Owner/Employer is not bound to accept the lowest or any bid.
7. **NOTIFICATION OF AWARD AND SIGNING OF CONTRACT:** Prior to the expiry of the period of Bid validity, the APPCB will notify the successful Bidder by mail. This will constitute the formation of the contract and the date of the contract shall be the date of such notification.
8. Agency will be held responsible for any legal cases arise for non-compliance of basic facilities as per the labour act and all the facilities shall be given to the operating staff.
9. The bidder should follow the provisions of the Contract Labour Act 1970 and Rules 1971 and any amendment thereof.
- 10. Payment :**
- The selected agency details along with the price will be shared with all the industries. The industries will place their purchase order in favour of the selected agency notified by APPCB.
- Purchaser (industry) will make all efforts to make payments to the vendor after receipt of invoice(s) if it is accompanied with all necessary supporting documents.
- All the invoices / bills are to be raised in the name of the respective industry that issued purchase order.

Introduction:

I. Background:

Andhra Pradesh Pollution Control Board is the apex body created under Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981. The responsibility has been further emphasized under the Environment (Protection) Act, 1986.

II. Scope of Work

The Scope of Work shall broadly comprise the following activity:

A. Vehicles

1. Monitoring/Tracking the transportation of Hazardous waste movement Vehicles for one year during Guarantee and 3 years after completion of Guarantee.
2. The successful bidder shall supply GPS Devices with SIM/Data cards for enabling GPRS on the GPS Device for Vehicle Tracking. Monthly recurring charges for the same will be paid by supplies for Guarantee period of one year and later on Annual charge basis for further period of 3 years. GPRS devices are required to hold data for at least 60 days.
3. Monitoring of Routes and Stoppages of Hazardous waste movement Vehicles and keeping a record of the trip they have made route wise and vehicle wise.
4. The bidder shall do the survey and collect the GPS coordinates of the stop points hazardous waste generation and disposal points.
5. The bidder shall responsible for Web / Mobile based application Software with hosting services, SMS gateway and Google maps.
6. A dashboard has to be developed with summarized data and graphically represented at all the levels Head Office, Zonal Offices, Regional Offices of APPCB and TSDFs / Co-processing units / pre-processing units / Authorized Recyclers / CETPs in Andhra Pradesh to view / print required reports.
7. Mapping of all the locations industries, TSDFs, Co-processing units, preprocessing units / CETPs in Andhra Pradesh for location validation
8. Software should have a features Geo-fencing and violation alerts
9. In case of tampering of any equipment, component of vehicle tracking system etc., alert should be given through SMS/ On-screen Pop Up Alert with Sound on about 4 to 5 relevant Mobile Nos. or as suggested by APPCB
10. System should generate suitable SMS and email alerts
11. The successful bidder shall provide off the shelf Web based Vehicle Tracking Software and customize the same as per the requirements of APPCB to operate and maintain the GPS based Vehicle Tracking devices installed in Hazardous waste movement Vehicles.
12. The software should have provision for self-generated periodic reports through email to designated email IDs.
13. The successful bidder shall install the GPS devices in all the Hazardous waste movement Vehicles within the time frame set by APPCB. The reports generated from system should be sufficient to calculate the performance of the entire system and penalties as prescribed.

14. It is assumed that the entire route of a vehicle is covered by GPS and leading mobile network. But there might be some parts of the route where there is no network coverage. So the system must work in off-line mode too for these areas and will provide the data once the vehicle enters in the GPRS zone.
15. The Bidder shall be responsible for updating and upgradation (if required) of all Software and Hardware for successful operation of the Project during the Contract Period. APPCB would be eligible to demand free upgrades as and when they are launched within the contract period.
16. All data generated during the operation period shall be the property of APPCB. The vendor is also required to submit the data for every two months in the form of soft and hard copy to the APPCB.
17. The successful bidder has to share the API/data/ specific MIS as per the requirements of APPCB to integrate other software of the board without any additional charges.
18. All the supporting accessories and associated software, monitoring dashboard will be provided by the bidder and apart from the quoted in the financial proposal, no other cost will be entertained by the APPCB thereafter.
19. The rate of unit device is valid for three years from the date of work order.

B. Deliverables

The successful bidder shall deliver / provide the following:

1. Hardware -GPS Device, internal battery, internal antenna.
2. Web based Application Software with hosting services, SMS gateway, Google maps.
3. Periodic self-generated reports by the software through email to designated emails.
4. User Manuals.
5. Training to APPCB Staff /[TSDFs/CETPs](#)/ Other staff engaged.
6. MIS reports as defined.
7. Mapping of Stoppages, Routes and Depots.
8. Monthly operation and maintenance.
9. GPS-VTS.
 - Capturing latitudes, longitudes of Stoppages, Routes and Depots
 - Geo-coding and Geo-fencing of Stoppages, Routes and Depots
 - Route fixing
 - GPS device installation
 - SMS/E mail based Alerts
 - Customized MIS reports
 - Real time location monitoring

C. Functional Requirement:

1. Tracking of Vehicle.
2. Supply and Installation of GPS Devices: The successful bidder shall install GPS trackers (with inbuilt GPRS module) in vehicles and manage the tracking of entire fleet operations on real time basis.

3. The Successful Bidder shall replace non- functional/faulty device in given time limit from registering of complaint with new device during the contract period.
4. Technical specifications are as mentioned in the document.
5. Trip Tracking: The system shall track each and every vehicle carrying the hazardous waste from Source to destination. The tracking shall be real time and web based. Entire set of applications and their features shall allow secure web based online access to obtain real time information. The secure access shall be provided through popular browser interfaces.
6. Tampering Alert: In case of tampering of any equipment, component of vehicle tracking system etc., alert should be given through SMS/ On-screen Pop Up Alert with Sound on about 4 to 5 relevant Mobile Nos. or as suggested by APPCB .
7. Route Deviation/Excess Stoppage Alert: In case of deviation of vehicle from pre-defined routes or excess stoppage of vehicle beyond a specified time duration alert should be given through SMS on about 4 to 5 relevant Mobile Nos. or as suggested by APPCB .
8. WEB based Vehicle Tracking Software with all the features mentioned in the [document](#).
9. The Application Software should be hosted by the successful bidder at their own cost during warranty and AMC period having all the administrative rights and access to the APPCB .
10. The offered application software product should be readily available (off the shelf) and should be able to deliver and start implementation within the specified time frame as mentioned in this RFP.
11. Point data relevant to Source (Depots) and destination.
12. Real time report of the movement of the GPS enabled vehicles on the map to the users based on their privileges.
13. The bidder shall maintain a dynamic reporting system.
14. The bidder is also expected to provide following customized MIS report as per requirements of APPCB.
 - o Live location of the Vehicle
 - o Working Hour/ Efficiency reports
 - o Detailed Activity reports
 - o Vehicle Summary
 - o History Report (showing path taken by vehicle)
 - o Trip-wise Report
 - o Route Deviation Report
 - o Vehicle stoppage report.Monthly monitoring summary
Periodic report should be sent to dedicated email Id of APPCB /District administration.
15. Dynamic Route Management: must be able to create and assign routes based on the landmarks and stoppages with option to assign single or multiple vehicles on the route created.
16. Vehicle Stoppage Tracking: It is desirable to have mechanism for proper tracking vehicle of stoppages other than solely on GPS device, Firm may use some feasible & reliable wireless based equipment's to implement this factor

17. Data base system: Since the volume of field data likely to increase exponentially hence it is required that the vendor should use any reliable open database system.
18. Data Search System: The concern vendor should provide some text based search engine for web application for data retrieval
19. Software should have mobile website to allow tracking via smart phone.
20. Successful bidder shall provide a training manuals and user guides for the system. The Successful bidder shall also provide the training on GPS device and Tracking system to approx. 8-10 users/officials at APPCB . Successful bidder shall develop a training plan that ensures all users of the system receive sufficient training to successfully operate the system. User department will provide the space for training with other logistic arrangement such as Laptop, projectors, internet connectivity etc.

21. Comprehensive Maintenance and Support Service

Successful bidder has to supply, operate and maintain all the items covered in the scope of this tender during contract period. Comprehensive maintenance service includes application software, parts and service/repair work/replacement of GPS device(s) should be done by the bidder without any additional charge. However, the reinstallation shall be paid additional. In case the supplied items are down and not working, the service provider should attend to the breakdown call/s within 24 Hours and rectify the problem/s of minor nature (configuration etc). If the problem is of critical and major and where the item/spare parts are to be replaced for rectification of any part/problem the call shall be completed within 48 Hours from the time of reporting the call. Failing which penalty will be recovered from monthly payment and/or from the Performance Security. In addition to attending to the Service/Corrective Calls, the successful bidder shall conduct Preventive Maintenance once in every month for all the items supplied / covered in the scope of work. The Bidder must have a complaint redressal system and centralized contact no to register the complaint about hardware/software issues and will also maintain a log of issues, time and date of receipt of call, cause / nature of problem, date & time of resolution provided etc. The details of complaint redressal system will be provided by the successful bidder to the User department during implementation of the project The successful bidder also set up a command and control system at APPCB office and deploy a Project Manager to assist the department and monitor the project for entire period of contract without any additional cost to the user department.

22. Roles and Responsibilities of the System Integrator

- a. Understanding the scope of the work.
- b. Entering into agreement with APPCB duly submitting the performance guarantee
- c. To provide software and manpower for successful implementation /completion of project.

- d. To implement the project with his own men and material by developing required software and also insuring all men, machines and material against all risks.
- e. Backup of data from time to time and providing backup file with compliance report to APPCB
- f. Submission of Monthly report to the APPCB

23. Security Deposit/EMD

Interest free Earnest Money Deposit (EMD) of Rs. 5,000/- in shape of Demand Draft or Bank Guarantee from any scheduled bank drawn in favour of Member Secretary, APPCB. The EMD of successful bidder is liable to be forfeited if the bidder revokes any terms of the tender within the validity period. EMDs given by unsuccessful bidders will be refunded after placing of work order to the successful bidder.

24. Annual Maintenance

- a. Repairing maintenance and reporting for period of 3 years after completion of the Warranty/Guarantee period.**
- b. The supplier has to repair/ replace and maintain the supplied and installed GPS equipment's for a further period of two years after the completion of warranty/guarantee period. The service provider shall keep the device functional (all bill and internet charges has to be borne by the supplier) and should provide all the required reports/ data and information to APPCB as and when required.
- c. AMC for this project includes all types of expenses on VTS devices like device and software maintenance, data charges, device replacement charges (in case of non-functioning of the device), application hosting charges, SMS alert charges etc.
- d. The payment will be made by industry after successful commissioning of work. The AMC payment will be done on satisfactory performance by the agency.

ANNEXURE 1 - BIDDER PROFILE

S N	Particulars	Details to be Furnished
Details of the Bidder(Company/ Firm)		
1	Name	
2	Address	
3	Telephone:	
4	Website/Email:	
Details of Authorized Person		
5	Name	
6	Address	
7	Telephone/ Email:	
Information about Company		
8	Status of Company (Public Ltd./ Pvt. Ltd.) (Ref. Document)	Date:
		Ref.: ROC Document
9	Number of Professionals	
10	Location and Address of Offices	
11	Trading Licence No.	
12	Income Tax Registration No. (PAN)	
13	GST No.	

Signature of Bidder

ANNEXURE 2 - TECHNICAL SPECIFICATION

S No	Specification/Feature	Complied
	Make	
	Model	
1	Less than 3m, 32-50 channel GPS Receiver	
2	Class 12 GPRS Communication Transceiver	
3	12/24V Operation	
4	8 Hours(up to) internal Battery Backup	
5	Operational Temperature Grade (0-50 degrees Celsius)	
6	Over the Air Software Upgradability	
7	Light weight, ABS Plastic/Metal enclosure with internal GPS/GSM antennas	
8	Two status LEDs	
9	2 Digital Inputs and 1 Digital Output	
10	Internal Battery backup with built in charger	
11	Tamper Proof	
12	Main Power Tamper Alert	

13	Protocol : TCP, Data includes current time stamp, date stamp, Latitudes, Altitudes, Distance moved	
14	Tracking Interval: Programmable 5 secs and upwards, depends upon the protocol, network, and firm feature selected	
15	CPU and Memory: 32 bit application process, 128 MB(up to) flash memory	
16	GSM/GPRS SMT quad band and UMTS (3G) Class 12, Device class B, High Antenna Gain	
17	GPS: Channels: 32 or more, Accuracy: Less than 3m, Sensitivity: -159dBm or better, High Antenna Gain	
18	Power Selection: 6-30V, Reverse Voltage Protection, 4kv Peak Surge Protection, inbuilt fuse	
19	Internal Battery	
20	Motion Detector: The unit firmware is capable of motion detection and automatically adjust its tracking interval	
21	Power Consumption: 80mA average @ 12V, depends upon network setting	

22	<p>Firmware: The VTU firmware shall support: SMS/GPRS based configuration of tracking time interval, start or stop tracking, device restart, server parameters, APN server parameters to support any network carrier Dark Zone store or forward Track on movement/ motion sensor Data Alert on removal of main power</p>	
23	EMI/EMC the unit meets necessary standards	

Signature of Bidder

ANNEXURE 3 - BIDDER'S AUTHORISATION CERTIFICATE

To,

APPCB, Vijayawada

_____ Designation _____, is hereby authorized to sign relevant documents on behalf of the company in dealing with Tender of reference no _____. He is also authorized to attend meetings & submit technical & commercial information as may be required by you in the course of processing above said tender.

Thanking you.

Authorized Signatory

ANNEXURE 4 - SELF-DECLARATION

Ref.: _____

Date:

To

APPCB, Vijayawada

In response to the tender No. _____ dt. _____ Of
Ref. Supply, Installation, Operation and Maintenance of GPS based Vehicle Tracking
System as a owner/partner/Director of
_____ I / We hereby declare
that our Agency _____ is
having unblemished past record and has never been blacklisted by any Government
Depot., PSU or private companies.

Name of the Bidder: -

Signature: -

Seal of the Company: -

ANNEXURE 5 - CERTIFICATE OF CONFORMITY

Date:.....

To,

APPCB, Vijayawada

CERTIFICATE

This is to certify that, the service for supply installation, Operation maintenance and service which I shall provide, if I am awarded with the work, are in conformity with the Scope of Work in the Tender document.

I also certify that the price I have quoted per unit cost basis is inclusive of all the cost factors involved in the execution of the project, to meet the desired standards set out in the Conditions of the contract.

Name:

Designation:

Seal:

ANNEXURE 6 - COMMERCIAL BID

Supply, Installation, Operation and Maintenance of GPS based Vehicle Tracking System

Bidder's Name & Address :

To,

Format for Commercial Proposal

(Price inclusive of all taxes & duties of all the items and Services)

Supply, Installation, Operation and Maintenance of GPS based Vehicle Tracking System		Price inclusive of all taxes & Duties
Sr No	Item Description	Cost per Unit
1	Supply, installation, operation and maintenance of GPS based vehicle tracking system in the Hazardous waste movement Vehicles (including sim card charges)	
2	Repairing maintenance and reporting for period of 3 years after completion of the Warranty/Guarantee period.	

Date:

Signature of Bidder:.....

Seal

ANNEXURE 7 - LIST OF DOCUMENTS

S No	Document Type	Compliance Yes/No
1.	ANNEXURE 1 - BIDDER PROFILE	
2.	ANNEXURE 2 - TECHNICAL SPECIFICATION	
3.	ANNEXURE 3 - BIDDER'S AUTHORISATION CERTIFICATE	
4.	ANNEXURE 4 - SELF-DECLARATION	
5.	ANNEXURE 5 - CERTIFICATE OF CONFORMITY	
6.	Local Office in AP (Incorporation Certificate, Rent Lease Agreement, Trade License etc)	
7.	OEM Authorization Certificate	
8.	Work Experience /work progress certificate issued by competent authority who signed the work order	
9.	Quality Certificate on Hardware (any two from ISO, CE, RoHS, FCC, ARAI)	
10.	Copy of Valid Tax certificates	
11.	Security Deposit in Form of BG/DD	
12.	Bid Document cost in form of DD	
13.	Self-declaration of Warranty Terms of 1 year on the hardware	

Signature of Bidder

TERMS & CONDITIONS:

1. The bidder may preferably be the Original Equipment Manufacturer (OEM) or his authorized Distributor/ Dealer. However, In case the bidder happens to be any authorized Distributor/ Dealer, an authorization letter from the OEM is required to be submitted.
2. The bidder should already have successfully executed at least two such Contracts of equal or greater magnitude from any Government Department/ Pvt. Companies across the country.
3. The bidder must possess sufficient and qualified work force to carry out the work.
4. In case of authorized dealer, the firm has to submit the certificate of the same given by the manufacturer/OEM.
5. The firm must customize the software/dashboard associated with the proposed VTS devices as per the requirements of APPCB without any additional cost.
6. Use bidder shall have to ensure necessary support for all hardware and software components during the contract period.
7. The firm has to give a declaration that it has not been blacklisted in the past by any Govt./Private institution of the country and there is no vigilance/any other investigating agency, Ease pending against the firm/supplier.
8. Copy of valid sales Tax/ VAT Registration to be submitted.
9. The GPS Hardware must have at least 2 quality certifications like ISO, CE, RoHS, FCC etc.
10. The bidder must provide a minimum warranty of 1 year on the hardware. A self-declaration of the same should be furnished.
