

जाहिर सुचना

उप आयुक्त (घनकचरा व्यवस्थापन विभाग), पनवेल महानगरपालिका हद्दीतील घनकचरा संकलन व वाहतूक करणेकामीच्या वाहनांना GPS बसविणे तसेच पुढील ०५ वर्षांकरिता त्यांचे संचलन, देखभाल व दुरुस्ती करणे या कामाचे अंदाजपत्रक बनविण्याकरीता खाली नमूद केलेल्या बाबींकरिता बाजारभाव दरपत्रके मागविण्यात येत आहे.

Sr. No	DESCRIPTION	Rate
1	Supply of GPS Device with 3 years Warranty	Rs..... Per Unit
2	Device Installation Charges with Accessories required for GPS device.	Rs..... Per Unit
3	Web access charges with server, Map Access, data backup up to 1-year, android mobile app for VTS and mobile app for driver with SIM charges.	Rs..... Per Month
4	AMC with Service support Cheagrs	Rs..... Per Month
5	Technical resource for monitoring the system in One general shift	Rs..... Per Month

कामाचा तांत्रिक तपशील खालीलप्रमाणे आहे

Module	
Technology	LTE(CaT1)/2G(GSM/GPRS)/GNSS/BLUETOOTH
GNSS	
GNSS	GPS, GLONASS, GALILEO, BEIDOU, QZSS, AGPS
Receiver	Tracking: 33
Tracking sensitivity	-165 dBm
Position accuracy	< 2.5 CEP
Velocity accuracy	< 0.1m/s (within +/- 15% error)
Hot start	< 1 s
Warm start	< 25 s
Cold start	< 35 s
Cellular	
Technology	LTE Cat 1, GSM
2G bands	FMC125-MBIB0: GSM: B2/B3/B5/B8 FMC125-MCIB0: GSM: B2/B3/B5/B8
4G bands	FMC125-MBIB0: LTE FDD: B1/B3/B7/B8/B20/B28 LTE-TDD: B38/B40/B41 FMC125-MCIB0: LTE FDD: B1/B2/B3/B4/B5/B7/B8/B20/B28 LTE-TDD: B40
Data transfer	LTE: LTE FDD: Max 10Mbps (DL)/Max 5Mbps (UL) LTE TDD: Max 8Mbps (DL)/Max 2Mbps (UL)
Data support	GSM: GPRS: Max 85.6Kbps (DL)/Max 85.6Kbps (UL) SMS (text/data)

Power	
Input voltage range	10 - 30 V DC with overvoltage protection
Internal Back-up battery	170 mAh Li-Ion battery 3.7 V (0.63 Wh)
Power Consumption	
Ultra Deep Sleep	At 12V < 4mA
Deep Sleep	At 12V < 6mA
Online Deep Sleep	At 12V < 12mA
GPS Sleep	At 12V < 19mA
Nominal (with no load)	At 12V < 36mA
with full Load / Peak	At 12V < 1A Max.
Bluetooth	
Specification	2G 4.0 + LE
Supported peripherals	Temperature and Humidity sensor, OBDII dongle, Inateck Barcode Scanner, Universal BLE sensors support
Physical specification	
Dimensions	65 x 56.6 x 20.6 mm (L x W x H)
Weight	55 g
Operating environment	
Operating temperature (without battery)	-20 °C to +85 °C
Storage temperature (without battery)	-20 °C to +85 °C
Operating temperature (with battery)	-20 °C to +40 °C
Storage temperature (with battery)	-20 °C to +40 °C
Operating humidity	5% to 95% non-condensing
Ingress Protection Rating	IP41
Battery charge temperature	0 °C to +45 °C
Battery discharge temperature	-20 °C to +60 °C
Battery storage temperature	-20 °C to +45 °C for 1 month
	-20 °C to +35 °C for 6 months
Interface	
Digital Inputs	2
Digital Outputs	1
Analog Inputs	1
CAN Adapter Inputs	1
1-Wire	1
RS232	1
RS485	1

GNSS antenna	Internal High Gain
Cellular antenna	Internal High Gain
USB	2.0 Micro-USB
LED indication	2 status LED lights
SIM	2x SIM Card (Dual-SIM)
Memory	128MB internal flash memory
Features	
Sensors	Accelerometer
Scenarios	Green Driving, Over Speeding detection, GNSS Fuel Counter, DOUT Control Via Call, Excessive Idling detection, Immobilizer, iButton Read Notification, Unplug detection, Towing detection, Crash detection, Auto Geofence, Manual Geofence, Trip
Sleep modes	GPS Sleep, Online Deep Sleep, Deep Sleep, Ultra Deep Sleep
Configuration and firmware update	FOTA Web, FOTA, Teltonika Configurator (USB, Bluetooth), FMBT mobile application (Configuration)
SMS	Configuration, Events, DOUT control, Debug

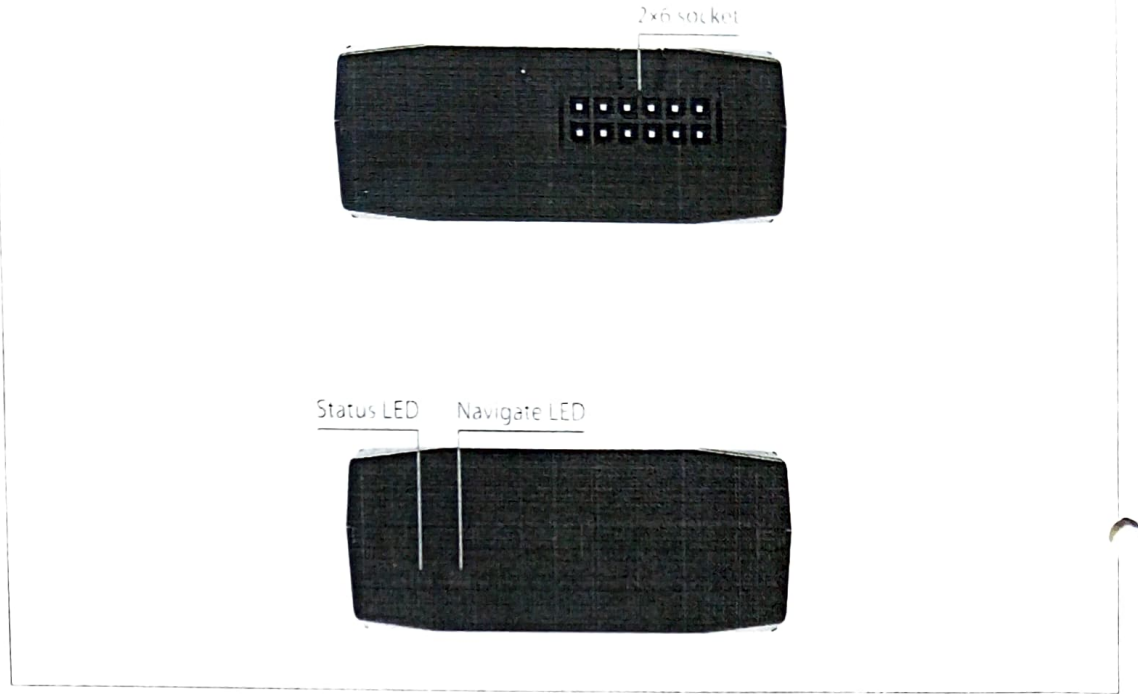
खालीलप्रमाणे Web Functionality / Dashboard Summary असावे.

1. Real-time Garbage vehicle tracking.
2. Single Garbage vehicle route tracking
3. Garbage vehicle management
4. Garbage vehicle master route management
5. Vehicle checkpoint management
6. Properties (household) mapping with checkpoint of vehicle
7. Track checkpoint
8. Find your vehicles

खालीलप्रमाणे मासिक अहवाल (Reports) देणे आवश्यक आहे.

1. Checkpoint Arrival report
2. Route Deviation report
3. Over speed report
4. Distance travel report
5. Door to Door garbage collection report
6. Total weight of vehicle report
7. Penalties reports like checkpoint missing, vehicle absentee, route deviation

GPS Device चे रेखाचित्र खालीलप्रमाणे आहे



- १) सीलबंद निविदा दि. ३१/०७/२०२३ ते दि. ०७/०८/२०२३ रोजी दुपारी ३.०० वाजेपर्यंत पनवेल महानगरपालिकेच्या आरोग्य विभागात स्विकारण्यात येतील.
- २) प्राप्त झालेली दरपत्रके शक्यतो दि. ०८/०८/२०२३ रोजी दुपारी ३.३० (शक्यतो) वाजता उपस्थित ठेकेदार यांच्या समक्ष उघडण्यात येतील.
- ३) अटी व शर्ती युक्त निविदांचा विचार केला जाणार नाही.


उप आयुक्त

घनकचरा व्यवस्थापन विभाग
पनवेल महानगरपालिका

जा.क्र पमपा/घकवि/२५२३/प्र.क्र.२६०/७४९/२०२३
दि. ३१/०७/२०२३

प्रत माहितीस्तव —

१. प्रसिध्दीकरीता (Web site वर)
२. माहिती फलक करीता