STATEMENT OF WORK

Introduction

The US Geological Survey (USGS), Lower Mississippi-Gulf Water Science Center (LMGWSC), has a requirement for satellite tracking services for 110 new GPS Fleet Tracking units or equivalent, with additional units necessary to be purchased in the future as personnel or vehicle needs change. This is a bulk purchase of new units, with new service on these units occurring on a continuing annual basis until a change is deemed necessary. The required services are needed to maintain the continuity of the satellite tracking of the vehicle fleet in the USGS, LMGWSC.

Scope of Work

Provide Global Positioning System (GPS) satellite tracking services or equivalent to USGS, LMGWSC.
Existing Equipment: None
Account Number: GX26ML00COM00SA

Number of Devices 110

The contractor shall:

- Supply GPS tracking units compatible with the organization's fleet vehicle types.
- Install units in all designated vehicles without impairing vehicle functionality.
- Configure software to provide real-time tracking, route history, geofencing, and reporting features.
- Provide secure, role-based access to the GPS tracking platform.
- Ensure data storage and transmission comply with applicable privacy and security regulations.

Deliverables

- Hardware: Fully functional GPS units installed in each vehicle.
- Software Access: Web and mobile platforms for monitoring and reporting.
- Training: On-site or virtual training for designated staff on system use and reporting tools.
- Documentation: User manuals, installation records, and maintenance schedules.

Performance Requirements

- GPS units must provide location accuracy within ±5 meters.
- System uptime must be at least 99% during operational hours.
- Alerts for unauthorized vehicle use, excessive idling, and route deviations must be configurable.

PERIOD OF PERFORMANCE: Initial unit and service, then annual service only.

1. Provide annual subscription services for new activated devices.
2. Provide annual network maintenance services to keep devices active and operational.
3. Provide annual subscription services for current activated devices if applicable.
4. Provide annual network maintenance services for new and current activated devices if applicable.
5. Contractor shall supply the ability for User's IT system to operate the USGS National Water Dashboard – Internal to be populated with the location and whereabouts of USGS, LMGWSC vehicles.
6. The ability to add and delete devices from the account.
7. Only services received will be paid for.

8. Current configuration of “groups” tracked together will be maintained. Current groups enable USGS LMGWSC to organize the distribution and publication of data from current and future GPS devices, and to manage and change those group configurations as needed.
9. Unlimited and continuous GPS satellite tracking with web-based application interface that provides real time tracking, historical tracking and bread crumb trail information for at least the last 30 minutes, status of each device, assigned name, office, and tracking coordinates.
10. GPS coverage for the continental United States and two hundred miles offshore of these areas must be at 90% or better probability of successfully sending a single message within 20 minutes.
11. Capability to request check-in/check-out status from all remote users within a geographic area.
12. S.O.S service that notifies emergency response center for the GPS location.
13. User-defined geofence boundary alerts
14. Ability to send custom messages with GPS location – Messages will be pre-determined by USGS and programed for use on all devices.
15. Vendor’s communication system will deliver user-initiated messages and tracking signals 24-hours per day, 365 days per year. Acceptable exceptions to this requirement would be if there are satellite outages beyond Vendor’s control which interfere with message delivery.
16. Tracking data must be continuous/real time with updates no less than every 2 minutes.
17. Capability to set user-defined tracking-frequency levels.
18. Capability to set user-defined contacts designated for each device.
19. Technical liaisons and Safety Personnel will coordinate with the vendor regarding the activation of devices, the deactivation of devices, user-defined tracking-frequency levels, and user-defined contacts designated for each device.
20. Devices must possess Bluetooth technology with linking application to Government Furnished Equipment (govt phones).
21. All tracking data provided to USGS upon request.
22. All data shall be free of malicious code.
23. Units must be waterproof and extreme temperature resistant
24. Units must be resistant to salt water and air