Statement of Work New Fuel Pump Control System

Summary and intent

Replacement of the current standalone fuel software system and replacement of 6 fuel pumps/pedestals where the information for the fuel software program is retrieved. Ensuring compatible with fuel fobs and fuel tanks.

1. Remove existing Pro-Fuel System 2- Computrol Fuel System including pedestal cabinets located at tanks and communication unit in office building. Including clean-up of the work site and disposal of existing pedestal cabinets, etc.

2. Purchase and Install new PV200 Enterprise System including pedestal cabinets, pumps and wireless communication system in office building. The installation will include conduit and trenching for hard wire installation, pump control system for 6 pumps with an emergency shut off system. The communication system will be located in the office and will have print capability for each transaction. A Google Map is attached of the site, the distance between the pumps and the office is 80 metres.

3. Repair and or replacement of any and all hard or soft-scape surfaces damaged in the course of installation to match existing.

4. The new system will be stand-alone and will utilize WI-FI and/or underground wiring directly between office and fuel pumps. Any system updates for the system will be provided to departmental representative for IT installation free of charge for the duration of the warranty period including extended warranty.

5. Shop Drawings of new system to be submitted for approval before installation. After completion of project Operation and Maintenance manuals will be provided including trenching details/drawings, cable specifications, and equipment manuals.

6. Installation of unit to comply with all building and electrical codes.

7. A standalone desktop computer will be provided to administer the software system. Software requirements will be provided for the new system proposed to ensure standalone desktop is compatible.

8. All information from the existing system will be transferred to the new system, for seamless reporting, by the contractor. The new system will be compatible with existing FOBs and data.

9. One year of additional warranty is required over and above Manufacturers Warranty and Contractor installation warranty including all parts and labour.

10. Existing FOBS will be tested and checked for capability. The contractor will be responsible for any reprograming of FOBs required for the new system.

    a. In the event the new system will not accept the existing FOBs, this will be identified during tender period and a unit price will be provided for up to 1000 new FOBs.

11. Reporting Capabilities of new system:
    - Electronic Tank level monitoring
    - Quantity of fuel used by each FOB
    - Date, Time, Litres taken, fuel type per use by each FOB
    - Able to run reports by groups (cost centres) so they can billed monthly for fuel used
    - Able to run reports to show what fuel FOBS belong to each cost centre
    - Generate reports specific to Diesel or Regular Gasoline separately
    - System will allow issue or change of FOBS by staff as required
    - Replacement of lost FOBs
    - The pumps can be activated by fuel FOB or valid pass code
    - Pumps will have memory storage at the tanks so information can be reported on regular usage to software system.
    - Pump time outs/failures will generate a new message within system to record issues.
    - 24 hour fuel control and reporting.

12. Existing system will be removed in such a way that the Fuel pumps remain operable until new system is in place and operational.

13. Any Environmental Regulations required with removing existing pumps/pedestals and replacement of new pumps/pedestals will need to be followed in the required clean up of the project work site.

14. A porta potty will be required at work site for employees and there is no smoking is allowed onsite.

    Additional Information –
    - Tank sizes diesel – 10,000 litres
    - Unleaded gas – 50,000 litres