

a. Scope of Work

The National Database and Registration Authority (NADRA) intends to procure and supply **one (01) Diesel Fuel Dispenser Bowser** complete with an integrated fueling system for safe storage, transportation, and dispensing of diesel fuel into vertical overhead fuel tanks and other designated fuel storage facilities.

The fuel bowser shall be designed, manufactured, tested, and certified in accordance with applicable safety standards and regulatory requirements for handling and transportation of petroleum products.

The successful bidder shall provide a complete fuel bowser solution, including the fuel tank, Vehicle, dispensing system, safety accessories, instrumentation, testing, certification, documentation, and delivery.

The detailed scope of work shall include, but not be limited to, the following:

i. Fuel Bowser Supply

- Supply of **one (01) Fuel Dispenser Bowser** with a minimum storage capacity of **800 liters**.
- The fuel tank shall be manufactured from high-quality steel with a minimum plate thickness of **12 SWG** or equivalent.
- The bowser shall be suitable for storage, transportation, and dispensing of diesel fuel.

ii. Fuel Dispensing System

The fuel bowser shall be supplied complete with a fully operational fueling system, including:

- Fuel transfer pump;
- Flow meter;
- Dispensing nozzle;
- Fuel delivery hose;
- Fuel filtration system;
- Fuel level indicator/gauge;
- Shut-off and isolation valves;
- Fuel monitoring and control accessories; and
- All associated piping, fittings, and accessories required for safe operation.

- The dispensing arrangement shall be capable of efficiently transferring fuel into vertical overhead fuel storage tanks.

iii. **Safety and Regulatory Compliance**

The supplied fuel bowser shall comply with all applicable safety and regulatory requirements:

The bowser shall incorporate all necessary safety features, including but not limited to:

- Emergency shut-off provisions;
- Proper grounding and bonding arrangements;
- Overfill protection measures;
- Fire safety provisions;
- Safety markings and warning labels.

iv. **Inspection, Testing, and Certification**

- Factory inspection and testing of the fuel bowser prior to delivery.
- Hydrostatic or leak testing of the fuel tank prior to delivery.

v. **Documentation and Handover**

The bidder shall provide:

- Operation and maintenance manuals;
- Test and inspection reports;
- Warranty documentation; and

vi. **Warranty**

- The fuel bowser and all associated equipment shall be covered by a minimum **twelve (12) months warranty** from the date of delivery and acceptance.
- The **vehicle** shall be covered under the standard Manufacturer's Warranty, and all applicable warranty terms and conditions shall be as per the vehicle manufacturer's official warranty policy.
- The bidder shall provide technical support and rectification of manufacturing defects during the warranty period.

b. **General Requirements**

- i. All supplied equipment shall be brand new, unused, and free from defects.

- ii. Complete, fully assembled, registered and ready for operation
- iii. The fuel bowser shall be delivered in fully operational condition and ready for immediate deployment.
- iv. The bidder shall ensure that all components are compatible, properly integrated, and compliant with the specified technical and safety requirements.
- v. The vehicle shall be brand new and supplied through an authorized dealer / manufacturer.
- vi. The fuel tank shall be fabricated using suitable material and construction standards for diesel fuel transportation and storage.
- vii. The bowser shall be supplied complete with all required fittings, piping, gauges, dispensing equipment, safety devices, reflectors, warning markings, and operational accessories.
- viii. The bidder shall provide all relevant documentation including vehicle documents, manufacturer's warranty certificates, fabrication warranty certificates, operation manuals, inspection reports, and compliance certificates.
- ix. The fuel bowser shall be delivered to NADRA in fully operational condition and ready for immediate use.

c. Warranty Requirements

- i. Fuel Tank Fabrication and Dispensing System: Minimum One (01) Year Warranty against manufacturing and fabrication defects.
- ii. Vehicle Warranty: As per the standard warranty policy of the Vehicle Manufacturer