REQUEST FOR PROPOSAL

Purchase of Flushing Vehicle for Kulhudhuffushi

ISSUED BY	Male' Water and Sewerage Company Pvt. Ltd. (MWSC)
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Male' Water and Sewerage Company Pvt. Ltd.
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SECTION 1

TERMS OF REFERENCE

1.1 Introduction

Male' Water and Sewerage Company Pvt. Ltd. (MWSC) requests proposals from qualified contractors to offer your proposal to **supply a Sewer flushing vehicle and register it under MWSC.**

1.2 Scope

The Contractor would be responsible to **supply a Sewer flushing vehicle and register it under MWSC** on the specified duration by the Contractor himself/herself.

Bidder's Scope

Requirement	Specification
Engine and Chassis	
Vehicle Manufacturer / Brand	Supplier's choice. The proposed vehicle shall be manufactured by an internationally recognized and reputable manufacturer with a proven record of reliability, durability, and suitability for heavy-duty municipal and sewer maintenance applications.
Vehicle Type	Purpose-built sewer flushing vehicle equipped with a high-pressure water jetting system, suitable for cleaning and maintenance of sewer pipelines and drainage networks.
Vehicle Condition	Brand-new, unused vehicle of the latest available production model.
Year of Manufacture	The vehicle shall have been manufactured after 2024.
Overall Dimensions	Maximum overall length: 5,250 mm. Maximum overall width: 1,700 mm. The dimensions shall include all permanently installed equipment and accessories.
Engine Manufacturer	Supplier's choice. The engine shall be manufactured by an internationally recognized and reputable manufacturer, with proven reliability, fuel efficiency, and availability of spare parts and technical support.
Emission Standard	Engine shall comply with Euro VI (Euro 6) emission standards or an equivalent internationally recognized emission standard, subject to approval.
Transmission	Fully automatic transmission, suitably rated for the vehicle's gross vehicle weight and intended operating conditions.
Steering System	Right-hand-drive (RHD) configuration with integral hydraulic or electrohydraulic power-assisted steering.
Tyre Configuration	Front axle: Two (2) tyres. Rear tandem axles: Six (6) tyres. Spare: One (1) complete spare wheel and tyre.
Driver's Cabin	Factory-built, forward-tilting day cabin with air-conditioning, adequate ventilation, ergonomic seating, and easy access to engine and chassis maintenance points.
Cabin Color	White, with a durable automotive-grade protective paint finish.
Fuel Tank Capacity	Minimum 200 litres, fitted with a secure, lockable fuel filler cap and appropriate fuel level indication.
Fuel Type	Diesel.

Requirement	Specification
Electrical System	24 V DC electrical system, complete with suitable batteries, alternator, starter motor, circuit protection, and standard vehicle lighting and instrumentation.
Exhaust System	Manufacturer-approved exhaust system with the exhaust outlet positioned at the rear of the vehicle, away from the operator's working area, fuel system, and other sensitive equipment.
Water Tank Specification	
Tank Capacity	3,000 litres nominal capacity.
Tank Construction	Tank shall be fabricated from mild steel (MS) plates with Material a minimum thickness of 4 mm, incorporating suitable corrosion protection. The tank shall be divided into three (3) interconnected compartments with appropriate internal baffles to minimize liquid surging during vehicle movement.
Tank Shape	Oval or cylindrical configuration with rounded ends, designed to provide structural integrity, stability and efficient installation on the vehicle chassis.
Storage Compartments	Heavy-duty, weather-resistant tool storage compartments shall be provided on both sides of the tank, complete with lockable access doors, suitable hinges, and secure locking mechanisms.
Bottom Filling	One (1) bottom filling connection equipped with a SS Connection quick-connect coupling, protective end cap, and 2-inch stainless steel (SS) valve. The connection shall be positioned for safe and convenient filling operations.
Manhole	One (1) 600 mm diameter inspection manhole fitted with a hinged, lockable cover and suitable sealing gasket to facilitate inspection, cleaning, and maintenance.
Tank Breather Valve	One (1) suitably sized pressure/vacuum breather valve installed on the manhole cover to provide adequate tank ventilation during filling, discharge, and normal operation.
Emergency Shut-Off	One (1) emergency shut-off valve installed at the tank Valve outlet, positioned for safe and immediate isolation of tank discharge in the event of an emergency.
Internal Coating	All internal tank surfaces shall be properly prepared and coated with a corrosion-resistant protective paint system.
External Coating	One (1) coat of suitable epoxy primer, followed by one (1) coat of compatible protective finish coating in white. The coating system shall be suitable for outdoor exposure and marine environmental conditions.
High Pressure Hose Reel	
Hose Reel Type	Heavy-duty, hydraulically operated, pivoting high-pressure (HP) hose reel with a 180° swivel range for flexible operation and improved accessibility.
Drive System	Hydraulic drive system with adjustable speed control for controlled hose winding and unwinding, integrated with an automatic hose-guidance mechanism.
Hose Size and Length	High-pressure hose with a nominal diameter of 1 inch and a minimum length of 100 metres, suitable for high-pressure water jetting applications.
Hose Guidance System	Automatic hose-guidance and level-winding system to ensure uniform hose distribution across the reel, preventing overlapping, tangling, and excessive hose wear.
Mechanical freewheel	Mechanical freewheel engagement/disengagement mechanism allowing the hose reel to rotate freely during hose deployment, minimizing resistance and facilitating smooth, effortless unwinding.
Radio Remote Control	Wireless radio remote control system equipped with a system dedicated battery charger and one additional rechargeable battery. The remote control shall provide the following functions: vehicle engine start/stop, high-pressure pump engagement/disengagement, engine RPM increase/decrease, and emergency stop.

Requirement	Specification
High Pressure Water jetting Pump	
Power Take-Off (PTO) Unit	Heavy-duty, engine- or transmission-driven PTO system, suitably rated and configured to transmit power to the high-pressure water jetting pump through the appropriate hydraulic or mechanical drive arrangement.
High-Pressure Pump	Heavy-duty, high-pressure water jetting pump capable of Capacity delivering a minimum flow rate of 128 litres per minute (L/min) at a continuous operating pressure of 160 bar. The pump shall be suitable for continuous-duty sewer and drainage pipeline cleaning applications.
Pressure Regulation and	The pump shall be equipped with an adjustable pressure- safety system regulating valve, integrated bypass system, and suitable overpressure protection to maintain stable operating pressure and prevent damage to the pump, hoses, and associated components.
Dry-Running Protection	The pump shall incorporate an automatic dry-running protection system with low-water-level and/or low-inlet- pressure detection. The system shall automatically disengage or shut down the pump when insufficient water supply is detected. A suitable bypass arrangement shall also be provided for safe pressure regulation and water recirculation, where applicable.
Pump Drive System	The high-pressure pump shall be driven by the vehicle engine through a manufacturer-approved Power Take-Off (PTO) system, incorporating suitable power transmission components and operating controls. The PTO and drive arrangement shall be adequately rated for continuous operation at the specified pump pressure and flow rate.
Operational Noise Level	The maximum noise level during high-pressure jetting operations shall not exceed 70 dB(A), measured at a distance of 3 meters from the vehicle under normal operating conditions.
Vehicle Lighting and Warning Systems	
Beacon Warning Lights	Provide high-visibility, amber LED rotating or flashing beacon lights, suitably mounted on the vehicle to ensure maximum visibility during operation and roadside maintenance activities.
Tank-Mounted Warning Lights	Provide two (2) high-intensity LED warning lights mounted on top of the water tank to enhance vehicle visibility and operational safety, particularly during nighttime operations.
Rear Indicator Lights	Provide rear-mounted LED direction indicators, brake lights, tail lights, and hazard warning lights, compliant with applicable road traffic safety regulations.
Rear Work Lights	Provide high-intensity, weatherproof LED work lights at the rear of the vehicle to ensure adequate illumination of the hose reel, jetting equipment, and surrounding work area during nighttime operations.
Side-Mounted Downlights	Provide LED downward-facing work lights on both sides of the vehicle to illuminate the side access areas, equipment compartments, and surrounding ground surfaces during nighttime maintenance and operational activities.
Safety Signs and Warning Markings	The vehicle shall be equipped with appropriate safety signs, hazard identification labels, operational warning notices, and mandatory safety instructions.
Reflective Safety Markings	High-visibility reflective safety markings shall be installed at the rear and along the sides of the vehicle to enhance visibility during nighttime operations and in low-light conditions, in accordance with applicable road safety regulations.

Requirement	Specification
Accessories, Tools, and Spare Parts	
High-Pressure Jetting	Supply a minimum of four (4) standard high-pressure Nozzles jetting nozzles with ½-inch connections, suitable for sewer and pipeline cleaning applications and compatible with the supplied high-pressure jetting system.
High-Pressure Jetting Gun	Supply one (1) heavy-duty high-pressure water jetting gun with Lance complete with lance and suitable nozzle, rated for the maximum operating pressure and flow capacity of the high-pressure pump.
Standard Chassis Tool Kit	Supply one (1) complete set of standard chassis maintenance tools, including the necessary tools for routine inspection, servicing, adjustment, and minor repairs of the vehicle.
High-Pressure Pump	Supply one (1) complete set of specialized tools Maintenance Tools required for routine maintenance, dismantling, inspection, and reassembly of the high-pressure water jetting pump.
Sealing Rings and Gaskets	Supply multiple sets of replacement sealing rings, O-rings, flange gaskets, and pipeline joint gaskets compatible with the supplied equipment and piping systems.
Consumable and Wear	Supply an adequate quantity of essential consumable and spare parts wear components for the high-pressure pump, hose reel, valves, and associated systems to facilitate routine preventive maintenance and minimize equipment downtime.
Quick-Release Couplings	Clamps Supply suitable heavy-duty quick-connect couplings, and Hose Clamps hose connectors, and hose clamps compatible with the supplied hoses, pipelines, and operating pressure requirements.

Supplier Requirements

Bidders will be evaluated if the vehicle fits to the mandatory conditions mentioned in the scope as per below marking criteria.

#	Criteria	Weighting %
1	Price	70%
2	Delivery period	15%
3	Payment terms	15%
	Total	**100%**

No.	Requirement	Mandatory Condition
1	**Vehicle delivery**	The supplier must deliver the flushing vehicle to MWSC Hulhumale Operation centre.
2	**Warranty Period**	The supplier must provide a minimum warranty period of 12 months covering the vehicle chassis, engine, jetting system, and associated equipment.
3	**After-Sales Service**	The supplier must provide after-sales service and technical support throughout the warranty period.
4	**Warranty Repairs**	The supplier must repair or replace defective components covered under warranty at no additional cost, subject to the agreed warranty terms and conditions.
5	**Operator Training**	The supplier must provide operational and basic maintenance training for MWSC drivers, operators, and maintenance personnel.
6	**Technical Documentation**	The supplier must provide operation manuals, maintenance manuals, spare parts catalogues, and warranty certificates.
7	**Testing and Commissioning**	The supplier must ensure that the vehicles and jetting equipment are fully tested and commissioned before handover.
8	**Warranty Conditions**	The supplier must submit complete warranty terms and conditions, including exclusions and limitations.

Note

All requirements and the scope listed above are mandatory and must be complied with by the supplier. Failure to meet any mandatory requirement may result in the technical proposal being deemed non-compliant, in accordance with MWSC procurement procedures.

Vehicle registration to be processed by Vendor. Service will be considered as complete once the vehicle is registered.

In order to achieve the objectives of this plan, the bidder shall:

1. Arrange and conduct meetings and consultation sessions with MWSC, required for the duration of the project.
2. Quotation or cost proposal with detailed breakdown to Purchase and register the vehicle highlighted in the scope.

MWSC's Scope

- **Duty Exemption:** MWSC shall provide the duty exemption letter required to facilitate the application for customs duty exemption for the vehicles, subject to approval by the relevant authorities.
- **Vehicle Registration:** MWSC shall provide the necessary company documents and supporting information required for vehicle registration with the relevant authorities.
- **Parking Drawings:** MWSC shall provide the approved parking layout drawings or other required parking-related documents to facilitate vehicle registration and permit approval.
- **Inspection and Acceptance:** MWSC shall inspect the delivered vehicles and verify compliance with the approved technical specifications before acceptance.
- **Warranty and After-Sales Coordination:** MWSC shall coordinate with the supplier regarding warranty claims, technical support, and after-sales service when required.

1.3 Deliverables

1.3.1 Completed Form 2.1

Completed Form 2.1 (under Section 2 of this RFP), with all required documents.

1.3.2 Quotation or Cost Proposal

Quotation or cost proposal with detailed breakdown to **supply a Sewer flushing vehicle and register it under MWSC** as highlighted in the scope. Quotation shall be submitted in the Rate Card format given under Form 2.3.

- Please fill out basic criteria Form 2.2 under Section 2 of this RFP, mentioning the details.
- Supporting documents for all projects specified by the bidder in form 2.2 shall be submitted. This include client reference letters, certificates, or any other document that would serve as a proof of the work conducted (with the required signatures and stamps).

1.4 Preparation, Sealing and Submission of the Proposal

1. All correspondence in connection with the Proposal and all accompanying documents, which are relevant to its examination, shall be written in the English language only.
2. All measurements shall be expressed in units of the metric system.
3. The Proposal shall contain no alterations, omissions or additions, except those to comply with instructions issued by MWSC, or as necessary to correct errors made by the Bidder, in which case such corrections shall be initialed by the person or persons signing the Proposal.
4. The Proposal shall be typed/ written and signed/ initialed in indelible ink.
5. The Bidder shall submit a single set of the Proposal in a single sealed envelope and mark the envelope with the Bidder's full name and address, and titled:

> **Supply of Sewer flushing vehicle**
> Male' Water and Sewerage Company Pvt. Ltd.
> 5th Floor, Fen Building, 20375, Ameenee Magu, Male', Republic of Maldives

1.5 General

1.5.1 Invitation to Bid

This RFP is an invitation to tender and does not constitute an offer by MWSC to engage an contractor as the supplier of services. Any proposal submitted by an contractor shall be construed as an offer from that Contractor.

The receipt by MWSC of a proposal from a contractor does not:

(a) Constitute acceptance of any proposal by MWSC or create a binding contract;

(b) commit MWSC to make an award of a contract to any consultancy, even if that contractor has complied with all of the requirements stated in this brief; or

(c) Limit MWSC's right to negotiate with any contractor (or other entity) in its best interests and at MWSC's sole direction.

1.5.2 Right of Rejection

MWSC reserves the right to accept or reject any or all responses to this RFP and to enter into discussions and/or negotiations with one or more qualified Contractors at the same time if such actions are in the best interest of MWSC.

1.5.3 Clarifications

All questions regarding this RFP can be communicated to MWSC on or before **19th November 2026 / 1400 hours**.

For clarification purposes only, MWSC's address is: E-mail address: **mohamed.ihthisam@mwsc.com.mv**

To assist in the examination, evaluation, and comparison of Bids, and qualification of the Bidders, MWSC may, at its discretion, ask any Bidder for a clarification of its bid. Any clarification submitted by a Bidder that is not in response to a request by MWSC shall not be considered. MWSC's request for clarification and the response shall be in writing. No change in the substance of the proposals shall be sought, offered, or permitted, during this clarification.

1.5.4 Notifications

Contractors will be notified of the outcome of the selection process at its conclusion. Following the proposal submission, Contractors may be contacted for additional information or clarification of proposals.

1.5.5 Cost of Proposals

Any costs or expenses relating to the negotiation, preparation, or implementation of proposals, presentations or any other document in relation to this RFP are the Contractor's sole responsibility.

1.5.6 Payment Plan and Delay Charges

Delay charges of 1% per day shall be levied on total price, if the work is not carried out as specified.

Payment terms to be negotiated within the bidding process.

Payment will be made in **Maldivian Rufiyaa (MVR)**.

1.5.7 Variations and Cost for any Additional Services

Variation may include changes to the quantities or quality of any component of the works, or changes to the sequence or timing of the works.

Any major modifications or variations that require a change in the production prices offered at the bidding stage has to be approved in writing by MWSC before execution by the successful bidder.

SECTION 2

FORMS OF BID QUALIFICATION INFORMATION

Form 2.1: General Information

Each Bidder must fill in this form.

Company Name	
Company's country and year of constitution	
Head Office Address	
Bidder's authorized representative (name, telephone numbers, e-mail address)	
Company Background	
Attached are copies of the following original documents: ☐ 1. Company Registration Certificate ☐ 2. Goods and Services Tax (GST) Certificate	

Form 2.2: Basic Criteria

Here bidder may fill the specific details of basic criteria.

Price	
Delivery period	
Payment terms	

Attached is a portfolio of the designs mentioned in this form:

☐ 1. Supporting documents/reference letters

☐ 2. If any project mentioned in the form is submitted without supporting documents, the project will not be considered for evaluation.

Form 2.3: Rate Card

No.	Item Description	Qty	Rate (MVR)	Amount (MVR)
1	Supply of Sewer flushing vehicle			
2	Commissioning and Registration charges			
			Total	
			GST 6%	
			Grand Total	

Bidder Declaration

Offer Validity Period	
Delivery Period	
Bidder Name	
Date	
Signature & Company Seal	