



INFORMATION SHEET FOR PROCUREMENT OF 11 NOS 1500L COMBINED JET SUCTION TRUCKS UNDER CONTRACTOR FINANCE

Reference No.: FNK-I/IUL/2021/127

Issued on 24th March 2021

Issued by:
Fenaka Corporation Limited
Male', Republic of Maldives

Section I: Instruction to Bidders

A. General	
1. Scope of Bid	1.1 Fenaka Corporation Limited requests for the procurement of 11 units of 1500L Combined Jet Suction Trucks under contractor finance with accordance to <i>Section III, Technical Specifications</i>
B. Preparation of the Bid	
2. Bid Prices	<p>2.1 The unit price of each item and the total price shall be clearly indicated in the quotation</p> <p>2.2 All items shall be quoted in the bid (please refer to <i>Section III, Technical Specifications</i> for the details of required items)</p> <p>2.3 Quotation shall separately indicate the additional charges such as freight charges, insurance, etc.</p> <p>2.4 The bidder shall submit quotation on CIF basis to Male' port</p>
3. Currency	3.1 The bidder shall quote entirely in Maldivian Rufiyaa
4. Alternative Bids	4.1 Bidders can submit a maximum of two (2) options
5. Validity of Bids	5.1 Quotation shall remain valid for minimum sixty (60) days from the date of bid opening
6. Bid Security	<p>6.1 All bids should be accompanied with a bid security of USD10,000 (Ten Thousand US Dollars) or its equivalent in Maldivian Rufiyaa</p> <p>6.2 The bid security should be:</p> <ul style="list-style-type: none"> - Original bank guarantee letter (or) - Bank guaranteed and stamped check (or) - An insurance policy from Maldives Monetary Authority (MMA) registered insurance company

	<p>6.3 Any bid not accompanied by a Bid Security shall be rejected during bid opening</p> <p>6.4 The bid security must be valid for a minimum of twenty (20) additional days beyond the validity of quotation</p>
7. Technical Compliance	<p>7.1 All relevant information including the brand shall be given to enable technical evaluation of quoted items</p> <p>7.2 Technical compliance letter will be required to enable technical evaluation</p> <p>7.3 If the goods do not comply with the requirements mentioned in <i>Section III, Technical Specifications</i>, the bid will be rejected during evaluation</p>
8. Documents Comprising the Bid	<p>8.1 Quotation (inclusive of the delivery period and payment terms)</p> <p>8.2 Specifications of the offered product</p> <p>8.3 Details of the company</p> <ul style="list-style-type: none"> - Company profile/background - Company registration certificate - GST registration certificate (for local bidders only) - TAX clearance report (6 months validity) - Contact details (name, designation, mobile number, and e-mail address) <p>8.4 Experience letters, if available</p> <ul style="list-style-type: none"> - Letters within past five (5) years - Relevant experience letters - Letters with project name and value <p>8.5 One (1) compact disc with original bid document scanned and written</p> <p>8.6 Bids lacking the documents above are subjected to be rejected during the bid opening</p>

9. Format of Bid	<p>9.1 The Bidder shall submit two (2) sets of the bid document (1 original and 1 copy), enclosed separately in two envelopes and sealed with company stamp</p> <p>9.2 All pages of the bid document shall be stamped and bound properly (excluding the bid security)</p>
C. Bid Submission	
10. Sealing and Marking Bid Document	<p>10.1 The bid document shall be sealed properly in an envelope clearly marked 'ORIGINAL' or 'COPY', with the name of the company and the tender reference number (FNK-I/IUL/2021/127)</p>
11. Bid Opening	<p>11.1 The bids will be opened on 12th April 2021, 1100hrs in the presence of bidders</p> <p>11.2 Bids will be opened at: Fenaka Corporation Limited Hilaalee Magu, K. Male', Republic of Maldives</p> <p>11.3 Bids received electronically will not be accepted</p>
12. Bid Rejection	<p>12.1 Bidders who arrive after bid submission deadline shall not be able to participate in the bid</p> <p>12.2 Bidders who do not register for the tender are unable to participate in the bid opening</p> <p>12.3 Bids lacking the documents mentioned in 8. <i>Documents Comprising the Bid</i> (except 8.4 <i>Experience letters</i>) and that do not comply with 9. <i>Format of Bid</i> are subjected to be rejected</p>
D. Awarding of Contract	
13. Payment Terms	<p>13.1 An advance payment will not be released for this project</p>

Section II: Evaluation Criteria

Following criteria shall be used to give marks to financial proposal:

- a) Lowest Contract Price -50%
- b) Delivery Period – 20%
- c) Minimum Interest Rate -10%
- d) Longest Repayment Period – 10%
- e) Longest Grace Period – 10%

Section III: Technical Specifications

Sewer Jetting Machine/Jetting Vehicle (Combined Jet-Suction Truck)

This specification closely follows the standard specifications set by EPA on 25th February 2020.

The Contractor/Supplier can propose a Jetting Machine/Jetting Vehicle with a better specification than the below mentioned options with a proper justification and final approval from FENAKA.

Combined Jet/Suction Truck

- This is the best option for bigger islands (3000 - 10,000 population) and Cities (>10,000 population) with a gravity or vacuum sewerage system with septic tanks.
- Adequate for large sewerage systems with > 8 pump stations.

Type	Combined Jetting/Suction Truck	
	Vehicle Condition	Brand New
General	Vehicle Brand	Supplier's choice (should be durable and long lasting)
	Chassis Brand	Supplier's choice (should be durable and long lasting)
	Overall Dimensions	Mounting length (advised loading platform length) 3.45m
		Overall maximum: length = 5m, width = 1.6m, height = 1.65m
	GVW/Kerb Weight	6000-15000 kg
Cab	Cab Capacity	3 persons seats (minimum)
Engine	Fuel Type	Diesel
	Drive	Electronic starting system
	Engine Brand	Supplier's choice (should be well known and locally available brand)
	Power	33kW or better
	Displacement	1.898 L
	Combustion system	IDI
	Max speed	3000 rpm
	Emission Standard	Interim Tier A/ Stage III A

Chassis	Drive Type	4x2, right hand drive	
	Transmission	6-speed forward, 1 reverse	
	Wheelbase	3815 mm	
	Number of axles	2	
	Tyre Specification	235/75R17.5	
	Number of tyres	6 tyres and 1 spare tyre	
	Max speed	105 km/h	
	Paint	Metallic paint	
Super Structure	Water Tank	Tank capacity	1500-2500 liters Minimum of 15 minutes of water storage at full pressure
		Tank Material	Carbon steel+tank entirely hot-dip galvanized both inside and out
		High pressure pump	3 plunger high pressure pump capable of running dry
		Flow speed	50-125 l/min
		Cleaning pressure	100-200 bar
		Water filling hose	water filling hose reel hose 50m 3/4" water hose (DN 20)
		Suction head	8m
	Sewer tank	Tank capacity	6000-8000 liters of sludge
		Tank Material	Carbon steel+tank entirely hot-dip galvanized both inside and out
		Vacuum system	Thrust jetter / vacuum pump Adequate for minimum 80% vacuum
		Free air displacement	8.33 l/min (max)
		Flow speed	Thrust jetter: 7500 l/min (max) Vacuum pump: 6150 l/min (max)
		Vacuum pressure	0.85 bar
		High pressure hose	80m 1/2" (DN13) 80m 5/8" (DN16)
		High pressure hose material	Durable, flexible PVC material
	HP Reel Drive	2700 rotating hydraulically driven HP reel, mounted on swiveling frame (with extendable hose guiding system	
		- Pressure relief valve for safety and a float valve to prevent overflow is recommended. Vacuum gauge should also be visible.	

	- Automatic opening and closing of rear cover with 4 actuated locks and 2 open/ close actuator
Hose Reel	Variable-speed hydraulic-rewind hose reel with 100m high pressure hose capacity
Compulsory Safety Equipment	- Jetting helmet set
	- Jetting safety boots (Sizes 6-14)
	- Water proof suits (sizes S-XL) including safety goggles
	- Gauntlet Gloves
	- Safety Burst Discs (White 4000 psi)
	- Safety Burst Discs (Black 5000 psi)

Note: Contractor/supplier can propose a jetting machine or vehicle similar or better than the above specifications but, in that case, it should be approved by FENAKA.

Any changes to the product specification should be proposed with justification based on the island requirement and the design.