

INFORMATION SHEET FOR PROCUREMENT OF ENGINE FOR 600kW GENERATOR SET

Reference No.: FNK-I/IUL/2022/360

Issued on 24th May 2022

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 quotations for 600kW generator set's		
		Engine in accordance with Section III, Technical Specifications		
	1.2	It is in Fenaka Corporation Limited's discretion to cancel the bid invitation		
		mentioned in 1.1 at any time.		
2. Eligible	2.1	Local companies registered in Maldives are eligible to participate in the tender		
Participants	2.2	Foreign companies are eligible to participate in the tender only if the total bid		
		value is above 2,500,000 Maldivian Rufiyaa.		
B. Preparation of the Bid				
3. Bid Prices	3.1	The unit price of each item and the total price shall be clearly indicated in the		
		quotation		
	3.2	All items shall be quoted in the bid (please refer to Section III, Technical		
		Specifications for the details of required items)		
	3.3	Quotation shall separately indicate the additional charges such as freight		
		charges and Insurance.		
	3.4	The bidder shall submit quotation on CIF basis to Male' port		
4. Currency	4.1	The bidder shall quote entirely in Maldivian Rufiyaa		
5. Alternative Bids	5.1	Bidders can submit a maximum of two (2) options		
6. Validity of Bids	6.1	Quotation shall remain valid for minimum sixty (60) days from the date of bid		
		opening		
7. Bid Security	7.1	All bids should be accompanied with a bid security of USD 5,000 (Five		
		Thousand US Dollars) or its equivalent in Maldivian Rufiyaa		
	7.2	The bid security should be:		
		- Original bank guarantee letter (or)		
		- Bank guaranteed and stamped check (or)		
		- An insurance policy from Maldives Monetary Authority (MMA) registered		
		insurance company		
	7.3	Any bid not accompanied by a Bid Security shall be rejected during bid opening		

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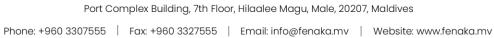




Fenaka Corporation Limited Male, Maldives

	7.4	The bid security must be valid for a minimum of twenty (20) additional days
		beyond the validity of quotation
8. Technical	8.1	All relevant information including the brand shall be given to enable technical
Compliance		evaluation of quoted items
	8.2	The documents required for technical evaluation are:
		- Technical data sheets of engine and the alternator
		- Datasheets specifying cooling system rated at ambient temperature 50°C
		- Certificate of Authenticity specifying manufacturer/assembler is an OEM or
		a genuine reputed international engine brand
	8.3	If the manufacturer or assembler is not the same as the bidder, a document
		indicating that manufacturer or assembler is willing to sell the generator set to
		the bidder is required
	8.4	Technical compliance letter will be required to enable technical evaluation
	8.5	If the goods do not comply with the requirements mentioned in Section III,
		Technical Specifications, the bid will be rejected during evaluation.
	8.6	Generator set should comply with our requirements, if not the bid will be
		rejected
9. Documents	9.1	Quotation (inclusive of the delivery period and payment terms)
Comprising the	9.2	Specifications of the offered product
Bid	9.3	Certificate of Authenticity specifying that manufacturer / assembler is an OEM
		of a genuine reputed international engine brand
	9.4	Details of the company
		- 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)
	9.5	Experience letters, if available
		- Letters within past five (5) years
		- Relevant experience letters
		- Letters with project name and value
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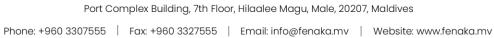




Fenaka Corporation Limited Male, Maldives

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dimension of the generator(s) during the virtual factory acceptance testing.		15.3	The generator(s) shall be checked for dimension, the supplier shall provide
and the second s			dimension of the generator(s) during the virtual factory acceptance testing.

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Fenaka Corporation Limited Male.

Maldives

- Generator(s) should be tested to run at 25%, 50%, 75%, 100%, and 110% of 15.4 rated load and power factor until the engine temperature stabilized for 30 minutes, and should check the protections below:
 - Lub oil low level (alarm testing)
 - Lub oil low pressure (alarm testing)
 - Earth fault (alarm testing)
 - Over current (alarm testing)
 - High temperature (alarm testing)
 - Cooling system (alarm testing)
 - High voltage pressure (alarm testing)
 - All the functioning tests and routine tests should be done
- 15.5 All the protections should work properly, it should be examined for oil and coolant leaks, and it should be visually tested and secured
- 15.6 The remote radiator should operate continuously 100% in a 50-degree ambient temperature
 - It should be designed with vertical air discharge remote radiator with motor and fan
 - It should include all the generator connection pipes, accessories, joints and diagrams
 - The radiator should be developed remotely from the engine providing an added flexibility cooling system, and to be installed at the desired location
 - It should be designed with lower power consumption, and high efficiency aero foil designed fans are used
 - It must be designed with lower noise levels
 - The radiator core should be formed using high efficiency fin profile
 - The thickness of connection pipes must be in a range of 2mm to 4mm
- 15.7 Recorded video clips while operating the units will not be accepted as virtual factory acceptance testing.

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Section II: Evaluation Criteria

Proposal Cost: 60 points for the lowest price

(Lowest price / proposed price) x 60

Delivery: 30 points for the lowest delivery period

- (Lowest delivery period / proposed delivery period) x 30
- If the delivery period indicates 'ex-stock', it shall be taken same as the party offering the longest delivery period.

Credit Period: 10 points for the maximum credit period

(Proposed credit period / longest credit period) x 10

Note: Any discrepancy in technical details specified in quotation with technical specification document, the specification shall prevail.













Section III: Technical Specifications

Description	Quantity
Engine for 600kW Generator Sets (Without Dynamo)	02

^{*}Please note that the below specifications are for one unit only.

Information of Cummins Engine

Cummins KTA38-G2 generator drive new engine with radiator suitable for coupling Stanford alternator model SSL1D-H4

Family D23

Displacement: 37.8L

Gross Engine output/Speed: 880kW/1180HP/1500rpm

Aspiration: Turbocharged, Aftercooled Fuel system: Direct injection, EFC governor

Complete with fan drive and fan

Electric system/Starting Voltage: 24V DC Battery Charging Alternator: 35 Amp

Flywheel Dimensions: SAE 0

Air Cleaner Type: Dry replaceable element with restriction indicator
Fuel Filters: Dual spin-on paper element fuel filters with water separator

Lube Oil Filter: Spin-on full flow filter

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