



# **INFORMATION SHEET for PROCUREMENT of REMOTE RADIATORS**

**Reference No: FNK-I/IUL/2021/472**

Issued on: 21<sup>st</sup> October 2021

Issued by:

Fenaka Corporation Limited

Male', Republic of Maldives

## Section I: Instruction to Bidders

A. General	
<b>1. Scope of Bid</b>	1.1 Fenaka Corporation Limited requests quotations for remote radiators in accordance with <i>Section III, Technical Specifications</i>
	1.2 It is in Fenaka Corporation Limited's discretion to cancel this bid invitation at any time.
<b>2. Eligible Participants</b>	2.1 Local companies registered in Maldives are eligible to participate in the tender
	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	
<b>3. Bid Prices</b>	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 <i>Section III, Technical Specifications</i> for the details of required items)
	3.3 Quotation shall separately indicate the additional charges such as freight charges, insurance, etc.
	3.4 The bidder shall submit quotation on CIF basis to Male' port
<b>4. Currency</b>	4.1 The bidder shall quote entirely in Maldivian Rufiyaa
<b>5. Alternative Bids</b>	5.1 Bidders can submit a maximum of two (2) options
<b>6. Validity of Bids</b>	6.1 Quotation shall remain valid for minimum sixty (60) days from the date of bid opening
<b>7. Bid Security</b>	7.1 All bids should be accompanied with a bid security of USD 1,000 (One Thousand US Dollars) or its equivalent in Maldivian Rufiyaa
	7.2 The bid security should be: <ul style="list-style-type: none"> <li>- Original bank guarantee letter (or)</li> <li>- Bank guaranteed and stamped check (or)</li> <li>- An insurance policy from Maldives Monetary Authority (MMA) registered insurance company</li> </ul>

	7.3 Any bid not accompanied by a Bid Security shall be rejected during bid opening
	7.4 The bid security must be valid for a minimum of twenty (20) additional days beyond the validity of quotation
<b>8. Technical Compliance</b>	<p>8.1 All relevant information including the brand shall be given to enable technical evaluation of quoted items</p> <p>8.2 If the manufacturer or assembler is not the same as the bidder, a document indicating that manufacturer or assembler is willing to sell the item to the bidder is required</p> <p>8.3 Manufacturer's Authorization letter will be required to enable technical evaluation</p> <p>8.4 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>
<b>9. Documents Comprising the Bid</b>	<p>9.1 Quotation (inclusive of the delivery period and payment terms)</p> <p>9.2 Specifications of the offered product</p> <p>9.3 Engineering drawing of the offered product(s)</p> <p>9.4 Details of the company</p> <ul style="list-style-type: none"> <li>- Company profile/background</li> <li>- Company registration certificate</li> <li>- GST registration certificate (for local bidders only)</li> <li>- TAX clearance report (6 months validity)</li> <li>- Contact details (name, designation, mobile number and e-mail address)</li> </ul> <p>9.5 Experience letters, if available</p> <ul style="list-style-type: none"> <li>- Letters within past five (5) years</li> <li>- Relevant experience letters</li> <li>- Letters with project name and value</li> </ul> <p>9.6 One (1) compact disc with original bid document scanned and written</p> <p>9.7 Bids lacking the documents above are subjected to be rejected during the bid opening</p>
<b>10. Format of Bid</b>	10.1 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

	10.2	All pages of the bid document shall be stamped and bound properly (excluding the bid security)
<b>C. Bid Submission</b>		
<b>11. Sealing and Marking Bid Document</b>	11.1	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/2021/472)
<b>12. Bid Opening</b>	12.1	The bids will be opened on 01 <sup>st</sup> November 2021, 1130hrs in the presence of bidders
	12.2	Bids will be opened at: Fenaka Corporation Limited Hilaalee Magu, K. Male', Republic of Maldives
	12.3	Bids received electronically will not be accepted
<b>13. Bid Rejection</b>	13.1	Fenaka Corporation Limited shall not consider any bidders that arrive after the deadline for submission
	13.2	Bidders that do not register for the tender are unable to participate in the bid opening
	13.3	Bids lacking the documents mentioned in 9. <i>Documents Comprising the Bid</i> (except 9.5 <i>Experience letters</i> ) and that do not comply with 10. <i>Format of Bid</i> are subjected to be rejected
<b>D. Awarding of Contract</b>		
<b>14. Payment Terms</b>	14.1	An advance payment will not be released for this project
<b>15. Factory Acceptance Testing</b>	15.1	The radiator(s) shall be fully tested at the manufacturer workshop in the presence of Client's appointees via video conferencing
	15.2	The testing shall be conducted at internationally accepted testing standards
	15.3	The radiators(s) shall undergo protection testing and operation testing
	15.4	The radiators(s) shall be checked for dimension and the supplier shall provide the dimensions of the radiator(s) during the virtual factory acceptance testing.
	15.5	Video recorded while operating the units will not be accepted as virtual factory acceptance testing.

## Section II: Evaluation Criteria

**Proposal Cost:** 70 points for the lowest price

- $(\text{Lowest price} / \text{proposed price}) \times 70$

**Delivery:** 20 points for the lowest delivery period

- $(\text{Lowest delivery period} / \text{proposed delivery period}) \times 20$
- 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

- $(\text{Proposed credit period} / \text{longest credit period}) \times 10$

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

## Section III: Technical Specifications

Description	Quantity
Remote Radiators	02

(Specification provided is for one unit)

### TECHNICAL SPECIFICATION SHEET

#### 1. REMOTE RADIATOR OUTDOOR TYPE

The cooling equipment of comprising a heavy duty tropical and vertical air flow remote radiator, with fans driven by Electric Motor (ABB or equivalent) standard IP 65.

The radiator core should be electroplated with silver solder tin plated to prevent early failure due to corrosion. Coupon plated radiators are acceptable.

The remote radiator must be designed and sized to adequately cool the proposed engine generator set at ambient temperature of 50 Degree Celsius. And it must be not less than 4 numbers fan. Motor 7.5Hp) weather proof coated. The distance between generator and radiator is less than 10 meter.

All the installation accessories must be BS standard include (pipes, gate valves, bolt, flange, expansion tank, Gauges etc.) The generator should be continuous running 100 percent load in 50 degree ambient temperature.

It will be connected CUMMINS GENERATOR.

A Remote Radiator designed to adequately cool the generator at an ambient temperature of 50°C meeting the specification below

Temperature In (°C)	96 – 98
Temperature Out ((°C)	80 - 85
Maximum Work Pressure ( Bar)	1
Ambient Temperature ()	50
Air (Cold Medium) outlet temperature ()	50
Radiator Fan Speed (RPM)	1200-1500
Fan Motor Specification	400V, 3Phase, 4P, Protection IP55
Paint Grade	C4/C5, Marine Grade

The radiator shall be provided with all necessary pipes and fittings required for installation.