



INFORMATION SHEET FOR PROCUREMENT OF TRANSFORMERS and Ring Main Units

Reference No: FNK-I/IUL/2021/242

Issued on: 24th May 2021

Issued by:

Fenaka Corporation Limited

Male', Republic of Maldives

Section I: Instruction to Bidders

A. General	
1. Scope of Bid	<p>1.1 Fenaka Corporation Limited requests quotations for 02 nos 1500KVA transformers and 02 nos Three-way Ring Main Units in accordance with <i>Section III, Technical Specifications</i></p> <p>1.2 It is in Fenaka Corporation Limited's discretion to cancel this bid invitation at any time.</p>
2. Eligible Participants	<p>2.1 Local companies registered in Maldives are eligible to participate in the tender</p> <p>2.2 Foreign companies are eligible to participate in the tender only if the total bid value is above 2,500,000 Maldivian Rufiyaa.</p>
B. Preparation of the Bid	
3. Bid Prices	<p>3.1 The unit price of each item and the total price shall be clearly indicated in the quotation</p> <p>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)</p> <p>3.3 Quotation shall separately indicate the additional charges such as freight charges, insurance, etc.</p> <p>3.4 The bidder shall submit quotation on CIF basis to Male' port</p>
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	<p>7.1 All bids should be accompanied with a bid security of USD 15,000 (Fifteen Thousand US Dollars) or its equivalent in Maldivian Rufiyaa</p> <p>7.2 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>7.3 Any bid not accompanied by a Bid Security shall be rejected during bid opening</p> <p>7.4 The bid security must be valid for a minimum of twenty (20) additional days beyond the validity of quotation</p>
8. Technical Compliance	<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 generator set to the bidder is required</p> <p>8.3 Technical compliance 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>
9. Documents Comprising the Bid	<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 Single-line diagram of engine panel system</p> <p>9.4 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>9.5 Experience letters, if available</p> <ul style="list-style-type: none"> - Letters within past five (5) years

	<ul style="list-style-type: none"> - Relevant experience letters - Letters with project name and value <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>
10. Format of Bid	<p>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</p> <p>10.2 All pages of the bid document shall be stamped and bound properly (excluding the bid security)</p>
C. Bid Submission	
11. Sealing and Marking Bid Document	<p>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/2021/242)</p>
12. Bid Opening	<p>12.1 The bids will be opened on 02nd June 2021, 1000hrs in the presence of bidders</p> <p>12.2 Bids will be opened at: Fenaka Corporation Limited Hilaalee Magu, K. Male', Republic of Maldives</p> <p>12.3 Bids received electronically will not be accepted</p>
13. Bid Rejection	<p>13.1 Fenaka Corporation Limited shall not consider any bidders that arrive after the deadline for submission</p> <p>13.2 Bidders that do not register for the tender are unable to participate in the bid opening</p> <p>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</p>
D. Awarding of Contract	

14. Payment Terms	14.1 An advance payment will not be released for this project
15. Factory Acceptance Testing	<p>15.1 Supplied items shall be fully tested at the manufacturer workshop in the presence of Client’s appointees via video conferencing</p> <p>15.2 The testing shall be conducted at internationally accepted testing standards</p> <p>15.3 The items shall undergo protection testing and operation testing</p> <p>15.4 The items shall be checked for dimension and the supplier shall provide the dimensions of the panel during the virtual factory acceptance testing.</p> <p>15.5 Video recorded while operating the units will not be accepted as virtual factory acceptance testing.</p>

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

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

Section III: Technical Specifications

(Specification provided is for one unit)

Description	Quantity
1500 KVA Step Down Transformer	02
THREE WAY RMU (11KV)	02

1500 kVA Power Transformer (Step-up)

3 Phase 50 Hz 1500 kVA Ynd1, core type double wound with copper conductor oil immersed ONAN cooled power transformer with the corrugated tank and conservator arrangement having a no load voltage ratio of 0.415/11 KV. Tapings +5% to -5% in steps of 2.5% shall be provided at line end of HV winding. Changing of taps shall be carried out by means of OFF load Tap Changer. Temperature rise shall be 50/60 °C in oil / winding respectively over a maximum ambient of 40°C.

Transformer shall have metal cover for termination area with lifting eye.

The transformer shall be manufactured as per latest IEC, conforming to following parameters:

- HV Insulation level 12 Kv.
- Power Frequency 28 Kv r.m.s
- Basic impulse level 75 Kv – Peak.
- Hermetically sealed, without gas cushion.
- Insulating Liquid Type Oil to B.S. 148: 1998. Hermetically sealed

Dial Type thermometer with contacts and control box for relays.

Oil level indicator and pressure relief valve and oil drain valve.

Paint class: for extreme weather conditions, salty, hot and humid environment.

Relevant testing standards: IEC / BS Standards.

11KV RING MAIN UNIT

1Nos x 3 Way Non Extensible Unit with 2 Nos. Isolators as Incomers and 1 No. Circuit Breaker as Outgoing to Transformer (equivalent to TYPE Ringmaster: MerlinGerin RM6 NE-IDI) motorized with UVT.

3 Way, 11kv, indoor non extensible free standing metal clad SF6 insulated ring main unit comprising of two numbers 630A fault making/ load breaking switches and one number 200A tee-off circuit breakers complete with all accessories as listed below:

- IDMT RELAY for Circuit Breakers – Self Powered, Merlin Gerin type VIP35 OR Equivalent
- The Ring Switches and Tee –Off Circuit Breaker are provided with Integrated Earthing Switches with Making Capacity
- Neon cable indicator for ring switches
- Integral earthing facility for ring switches
- Shunt trip coil rated for 230V AC
- Trip push button for T-off circuit breaker
- SF6 Gas pressure indicator
- Padlocking facility
- With Remote Control Mechanism
- Bottom cable entry with gland plates for 3c x 120sqmm cable
- Powder coated with paint shade RAL 7012 and thickness greater than 80 micron