



# **INFORMATION SHEET FOR PROCUREMENT OF VCB Control Panel (11KV)**

**Reference No.: FNK-I/IUL/2023/050**

Issued on: 12<sup>th</sup> February 2023

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 VCB Control Panel (11KV) in accordance with <i>Section III, Technical Specifications</i>
<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 and insurance. GST for mentioned charges should be omitted in grand total.
	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 5,000 (Five 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 Single-line diagram</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>	<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>

<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/2023/050)
<b>12. Bid Opening</b>	12.1 The bids will be opened on 23 <sup>rd</sup> February 2023, 11:00am 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 Bidders that arrive after bid submission deadline shall not be able to participate in the bid 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 14.2 Proposed payment terms should not be tied with submission of Bill of Lading.
<b>15. Factory Acceptance Testing</b>	15.1 The panel shall be fully tested at the manufacturer workshop in the presence of Client's appointees 15.2 The testing shall be conducted at internationally accepted testing standards 15.3 Two (2) engineers from Fenaka Corporation Limited shall carry out necessary inspection and testing of equipment prior to shipment in supplier's warehouse to validate the items 15.4 The bidder shall arrange airfare, transportation, stipend (as per the Client's policy), accommodation and lodging for two of Client's engineers for the testing (minimum two days for testing) 15.1 The panel shall be fully tested at the manufacturer workshop in the presence of Client's appointees

## 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

### 11kV 2000kW Generator Control Panel Specification for x 1 Gensets

#### Generator set Control Panel 630A, 11KV x 1 Nos,

Incoming: 3P 630A 11kV Motorized VCB (Spring Charged) Draw out Type with UVT coil x 1  
Nos

Metering: Power Meter (A / V / Hz / kW / kWh)

Indicator Lights: Generator Set Incoming Indicator Lights and ACB ON/OFF Indicator Lights

Controls: Terminal Block to connect all necessary Generator set Controller DSE8610 MKII

- CT Connection 150/- A CT for Each Phase
- PT Connections 11kV/415V ( Incoming & Outgoing Voltages each Phase )
- VCB Controls (UVT / Power / ON/ OFF Controls & Auxiliary Switches )
- All the protection should be include.

VT & CTs: Should provide VT & CTs on Each Phase for Metering, Indication and Deep-sea Controller

Control Wiring: Suitable Control Wiring Complete with Color Coding and Labels

Busbar: Main Busbar Copper Tinned Busbar 630A 11 kV, 25kA

Termination: Incoming & Outgoing Suitable for 3Cx120Sqmm 11kV Armored Cable

Enclosure: Free Standing Metal Enclosure (W 800 x D 1500 x H 2500) x (2)

1. Bus bar shall be arranged to fit the full length of the panel board including the feeder panel.
2. The generator controller shall be DEESEA brand and model **DSE8610** can be replaced with a superior model only. The supplier shall provide the manufacturer's authorization to confirm the origin of the controller
3. The panel shall be manufactured using high quality electro galvanized MS plates, treated and powder coated up to 80 micron or higher
4. The thickness of the metal sheet shall be at least 1.2mm, and other plates shall be 1 mm. The thickness of the main frame shall not be less than 1.5 mm
5. Bus bar to breaker connections shall use tin plated copper bus bars
6. Main bus bar shall tin plated, and rated 630 amps, and copper content shall meet the relevant IEC and BS standards
7. The drawings and technical specification must be provided with the bid documents
8. Free technical support shall be provided during installation, and training for engineers must be given to install the panels
9. A single line diagram must be provided together with technical specification of the main components of the panel
10. Stainless steel bolts and nuts must be provided to connect the outgoing feeder cables