

# INFORMATION SHEET FOR PROCUREMENT OF TRANSFORMERS

Reference No: FNK-I/IUL/2021/156

Issued on: 07th April 2021

Issued by:

Fenaka Corporation Limited

Male', Republic of Maldives



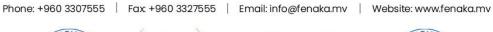


# **Section I: Instruction to Bidders**

A. General	A. General					
1. Scope of Bid	1.1	Fenaka Corporation Limited requests quotations for 5 units of 500KVA				
		transformers in accordance with Section III, Technical Specifications				
	1.2	It is in Fenaka Corporation Limited's discretion to cancel this bid invitation 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, insurance, etc.				
	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	5.1	Bidders can submit a maximum of two (2) options				
Bids						
6. Validity of	6.1	Quotation shall remain valid for minimum sixty (60) days from the date of bid				
Bids		opening				
7. Bid Security	7.1	All bids should be accompanied with a bid security of USD5,000 (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				

Page 2 of 7

Port Complex Building, 7th Floor, Hilaalee Magu, Male, 20207, Maldives

















	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
8. Technical	8.1	All relevant information including the brand shall be given to enable technical
Compliance		evaluation of quoted items
	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
	8.3	Technical compliance letter will be required to enable technical evaluation
	8.4	If the goods do not comply with the requirements mentioned in Section III,
		Technical Specifications, the bid will be rejected during evaluation.
9. Documents	9.1	Quotation (inclusive of the delivery period and payment terms)
Comprising	9.2	Specifications of the offered product
the Bid	9.3	Single-line diagram of engine panel system
	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
	9.6	One (1) compact disc with original bid document scanned and written
	9.7	Bids lacking the documents above are subjected to be rejected during the bid
		opening
10. Format of	10.1	The Bidder shall submit two (2) sets of the bid document (1 original and 1
Bid		copy), enclosed separately in two envelopes and sealed with company stamp

Page 3 of 7

















	10.2	All pages of the bid document shall be stamped and bound properly (excluding			
		the bid security)			
C. Bid Submission					
11. Sealing and	11.1	The bid document shall be sealed properly in an envelope clearly marked			
Marking Bid		'ORIGINAL' or 'COPY', with the name of the company and the tender			
Document		reference number (FNK-I/IUL/2021/156)			
12. Bid Opening	12.1	The bids will be opened on 29 <sup>th</sup> April 2021, 1100hrs 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			
13. Bid	13.1	Fenaka Corporation Limited shall not consider any bidders that arrive after the			
Rejection		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. Documents Comprising the Bid			
		(except 9.5 Experience letters) and that do not comply with 10. Format of Bid			
		are subjected to be rejected			
D. Awarding	D. Awarding of Contract				
14. Payment	14.1	An advance payment will not be released for this project			
ms					
15. Factory	15.1	The panel shall be fully tested at the manufacturer workshop in the presence			
Acceptance		of Client's appointees via video conferencing			
Testing	15.2	The testing shall be conducted at internationally accepted testing standards			
	15.3	The panel shall undergo protection testing and operation testing			
	15.4	The panel shall be checked for dimension and the supplier shall provide the			
		dimensions of the panel during the virtual factory acceptance testing.			

Page 4 of 7









## **Section II: Evaluation Criteria**

Proposal Cost: 70 points for the lowest price

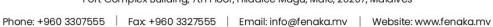
- (Lowest price / proposed price) x 70

Delivery: 20 points for the lowest delivery period

- (Lowest delivery period / proposed delivery period) x 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

- (Proposed credit period / longest credit period) x 10











Page 5 of 7





## **Section III: Technical Specifications**

(Specification provided is for one unit)

Description	Quantity
500 KVA Step Down Transformer	05

#### 500 kVA, STEP DOWN TRANSFORMER WITH RMU ,AND LV PENAL, INFORMATION

Outdoor packaged substation enclosure with separate compartment for RMU, Transformer and LV Panel. Designed for extreme weather condition, salty, hot and humid environment.

#### Package substation shall have the following equipment:

- a) 1Nos x 3 Way Non Extensible Unit with 2 Nos. Isolators as Incomers and 1 No. Circuit Breaker as Outgoing to 630kVA Transformer (equivalent to TYPE Ringmaster: MerlinGerin RM6 NE-IIDI) motorized with UVT.
  - 3 Way, 11kV, indoor non extensible free standing metal clad SF6 insulated ring main unit compromising 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

### b) 1 No x Transformer 11kV/415V, 500kVA

- 3 phase 50Hz 500 kVA Dyn11, core type double wound with copper conductor
  oil immersed ONAN cooled, hermetically sealed distribution transformer with
  corrugated tank &conservator arrangement having a no load voltage ratio of
  11/0.433 KV. Tappings +5% to -5% in steps of 2.5% shall be provided at line end f
  HV winding. Changing of taps shall be carried out by means of OFF Load Tap
  Changer.
- Temperature rise shall be 45/50 °C in oil/winding respectively over a maximum ambient of 50°C. The transformer shall be manufactured as per latest IEC.
- HV Insulation Level 12kV
- Power frequency 28kV. r.m.s.
- Basic Impulse Level 75kV. Peak.
- Impedance % at 75°C 4.75%
- HV/LV Connection Delta/ Star N. pt
- With level indicator and pressure relief valve
- . Insulating Liquid Type Oil to B.S. 148: 1998. Hermetically sealed.

Page 6 of 7

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- c) LV Panel, 1 set of 415V, 1200A PVC sleeved Cu bus bars.
  - · With measuring, indication and protection.

#### Incoming

1000A ACB main circuit breaker

## Outgoing

- 2Nos x Outgoing feeder with 250A MCCB
- 2Nos x Outgoing feeder with 400A MCCB
- 2Nos x Outgoing feeder with 600A MCCB

(Rated current shall be adjustable from 50 to 100%); with ELR, Amp meter & selector switch.

- Bottom entry Cable Termination arrangement.
- Complete with nuts and bolts to connect LV cables.

Page 7 of 7







