

INFORMATION SHEET for PROCUREMENT of 500KVA TRANSFORMERS WITH RING MAIN UNIT AND LV PANEL

Reference No: FNK-I/IUL/2021/350

Issued on: 05^{th} September 2021

Issued by:

Fenaka Corporation Limited

Male', Republic of Maldives

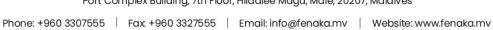




Section I: Instruction to Bidders

A. General					
1. Scope of Bid	1.1	Fenaka Corporation Limited requests quotations for 500KVA			
		(Step Down) Transformers with RMU and LV Panel 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			
Participants		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					
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 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			
		1120201 (10021 110021) 000			
	7.2	The bid security should be:			
	7.2				

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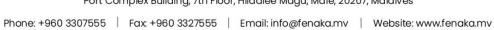






 (MMA) registered insurance company 7.3 Any bid not accompanied by a Bid Security shall be rejected during bid opening 7.4 The bid security must be valid for a minimum of twenty (20 additional days beyond the validity of quotation
during bid opening 7.4 The bid security must be valid for a minimum of twenty (20)
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additional days beyond the validity of quotation
8. Technical 8.1 All relevant information including the brand shall be given to
Compliance enable technical evaluation of quoted items
8.2 If the manufacturer or assembler is not the same as the bidde
a document indicating that manufacturer or assembler in
willing to sell the item(s) to the bidder is required
8.3 Manufacturer's Authorization letter will be required to enable
technical evaluation
8.4 If the goods do not comply with the requirements mentioned is
Section III, Technical Specifications, the bid will be rejecte
during evaluation.
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 Single-line diagram of offered product
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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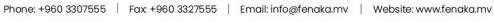




	9.6	One (1) compact disc with original bid document scanned and
		written
	9.7	Bids lacking the documents above are subjected to be rejected
		during the bid opening
10. Format of Bid	10.1	The Bidder shall submit two (2) sets of the bid document (1
		original and 1 copy), enclosed separately in two envelopes, and
		sealed with company stamp
	10.2	All pages of the bid document shall be stamped and bound
		properly (excluding the bid security)
C. Bid Submissi	ion	
11. Sealing and	11.1	The bid document shall be sealed properly in an envelope
Marking Bid		clearly marked 'ORIGINAL' or 'COPY', with the name of the
Document		company and the tender reference number
		(FNK-I/IUL/2021/350)
12. Bid Opening	12.1	The bids will be opened on 19 th September 2021, 10:00hrs 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 Rejection	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. 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 of	Contr	act
14. Payment	14.1	An advance payment will not be released for this project
Terms		

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















15. Factory	15.1	The transformer(s) shall be fully tested at the manufacturer
Acceptance		workshop in the presence of Client's appointees via video
Testing		conferencing
	15.2	The testing shall be conducted at internationally accepted
		testing standards
	15.3	The transformer(s) shall undergo protection testing and
		operation testing
	15.4	The transformer(s) shall be checked for dimension and the
		supplier shall provide the dimensions of the transformer(s)
		during the virtual factory acceptance testing.
	15.5	Video recorded while operating the units will not be accepted
		as virtual factory acceptance testing.

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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

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















Section III: Technical Specifications

Description	Quantity
500KVA Transformer (Step-Down) with RMU and LV Feeder Panel	03

Climatic Conditions

Materials supplied shall be suitable for operating under the following climatic conditions

Climate: Typical tropical coast line.

Atmosphere: Saliferous, corrosive and dusty. Altitude: 2 meter above mean sea water level.

Temperature: 32 °C (mean maximum) 25 °C (mean minimum).

Barometric air pressure: 1010 millibars.

Relative humidity: 90%.

Average rainfall: 145 days/year. Average sunshine: 24 days/month. Mean wind speed: 10.8 knots. Maximum wind speed: 15.1 knots.

And must withstand worst tropical conditions, including lightning, cyclonic rains, and high humidity.

A) Step-Down Transformer 11kV/415V, 500kVA

3 phase 50Hz 500kVA Dyn11, core type double wound with copper conductor, mineral oil immersed ONAN cooled distribution transformer with corrugated tank or 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 50/60 °C in oil/winding respectively over a maximum ambient of 40°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. HV/LV Connection Delta/ Star N. pt Dial type thermometer with contacts and control box for relays. level indicator and pressure relief valve and oil drain valve.

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FENAKA CORPORATION LIMITED MALE, MALDIVES

OPERATION SERVICES DEPARTMENT

Hermetically sealed without gas cushion. Relevant testing standards: IEC / BS standards.

B) Separate LV Panel for Transformer

Free standing LV Panel with 1200A, PVC sleeved Cu busbar, complete with measuring, indication and protection (ELR).

Incoming

I Nos x 800A ACB motorized - main circuit breaker

Outgoing

4 Nos x Outgoing feeder with 300A MCCB

6 Nos x Outgoing feeder with 250A MCCB

Bottom entry Cable Termination arrangement.

Incoming

C) 1Nos x 3 Way Non Extensible Unit with 2 Nos. Isolators as Incomers and 1 No. Circuit Breaker as Outgoing to 500kVA Transformer ((TYPE Ringmaster : Merlin Gerin RM6 NE-IIDI or equivalent)

3 Way, 11kV, indoor extensible free standing metal clad SF6 insulated ring main unit compromising of three numbers 630A fault making/load breaking switches and one number 200A tee-off circuit breakers complete with all necessary measurement and protection devices.



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