



# **INFORMATION SHEET FOR PROCUREMENT OF MV Submarine Power Cable**

**Reference No.: FNK-I/IUL/2022/601**

Issued on 06<sup>th</sup> December 2022

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 MV Submarine Power Cable in accordance with <i>Section III, Technical Specifications</i>
	1.2 It is in Fenaka Corporation Limited's discretion to cancel the bid invitation mentioned in 1.1 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 and insurance.
	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 2,000 (Two 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>

	<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>
<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 The quoted brand of cables must be approved by Utility Regulatory Authority (URA)</p> <p>8.3 Fenaka Corporation Limited will only accept items that meet OEM standards</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> <p>8.5 In case supplied items do not meet the required items, they will be rejected and returned</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 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>9.4 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>9.5 Utility Regulatory Authority (URA) approval certificate.</p> <p>9.6 One (1) compact disc with original bid document scanned and written</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>

	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/2022/601)
<b>12. Bid Opening</b>	12.1 The bids will be opened on 14 <sup>th</sup> December 2022, 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
<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 9.4 <i>Experience letters</i> and 9.5 <i>URA approval certificate</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. Approvals</b>	14.1 The awarded vendor shall provide the approval letter from Utility Regulatory Authority (URA) prior to signing the agreement 14.2 The cables must be packed in accordance with the list given in <i>Section III: Technical Specifications</i> to avoid rejection
<b>15. Payment Terms</b>	15.1 An advance payment will not be released for this project 15.2 Proposed payment terms should not be tied with submission of Bill of Lading.

## 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	QTY	PACKAGING
01	MV Submarine Power Cable 3C*70sqmm 11KV	4000	Maximum standard allowable length per drum



(Outer cover of cable drum must be properly packed and covered)

**SPECIFICATION : MEDIUM VOLTAGE (11kV) SUBMARINE POWER CABLE**

**Application :**

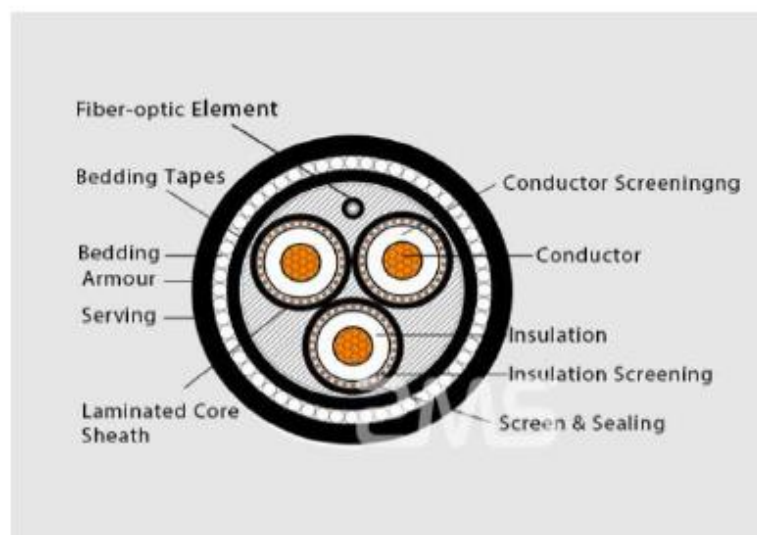
These submarine cables are used for power transmission to offshore islands, oil platforms or to cross-rivers and lakes.

Cable design based on the mayor national or international standards e.g. VDE, IEC and ICEA or according to customers design and standards.

**Standard :**

IEC 60228; IEC 60502; IEC 60840; IEC 62067

**Construction:**



1. Conductor: Copper conductor, circular stranded compacted, water blocked.
2. Conductor Screening: Extruded semi-conductive compound.
3. Insulation: XLPE.
4. Insulation Screening: Extruded semi-conductive compound.
5. Waterproof Layer: Semi-conductive waterproof tape
6. Screen: Copper wires and copper helix, swelling powder.

7. Laminated Core Sheath: Al. laminated tape bonded to overlaying
8. PE sheath
9. Fillers: Polypropylene filler.
10. Fibre-Optic Element: Fibre optic cable.
11. Separator: Binder tapes.
12. Bedding Layer: Polypropylene strings.
13. Armour: Galvanized steel wires.
14. Serving: Hessian Tapes, bituminous compound, polypropylene strings.

**Electrical Data:**

6.35/11(12) kV MV Cable

Nominal Cross Section Area	Capacitance	Inductance	Current Rating
mm <sup>2</sup>	μF/mm	mH/km	A
35	0.23	0.43	167
50	0.26	0.41	199
70	0.29	0.38	241
95	0.32	0.37	288
120	0.35	0.35	327
150	0.38	0.34	363
185	0.42	0.33	405
240	0.47	0.32	464