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To Whom it may Concern

Date
October 1, 2025

your ref:

our ref:
175/2025/MOT/AS

Enquiries
Aderito Sousa
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☎ 258 (21) 313 447
Email: asousa@motraco.co.mz

Subject: Request for Proposal (RFP No. 37/MOT/2025) – Supply and Delivery of Radio Link Equipment for Barberton Capacitor Bank Substation – South Africa.

1. Background:

The Mozambique Transmission Company – MOTRACO – is a limited liability company incorporated in Republic of Mozambique in 1998. The company is a joint venture of Electricidade de Moçambique (EDM), Eskom holdings (Eskom) and Eswatini Electricity Company (EEC). MOTRACO was created as a vehicle for co-operation with the primary objective of building, owning, operating, maintaining the transmission system, and supplying electricity to the Mozal aluminium smelter in Mozambique and wheeling power to EEC and EDM.

2. Context and Description:

MOTRACO intends to appoint a contractor to supply materials for the project of replacing existing radio link between Barberton Capacitor Bank and Nelshoogte and install new radio link between Barberton Capacitor bank and Fairview.

The project aims to provide a redundant route to the Capacitor Bank and reduce the downtime in event of failure of the current existing single radio link.

3. Scope of work:

The bidder is requested to supply the material in the Bill of Material:

- Supply of all radio communications and accessories as per Bill of Material.
- Packing, handling, and delivery to the MOTRACO site at Barberton Capacitor Bank Substation- South Africa.

3.1. Bill of material:

Item No.	Bill of Materials for Telecommunications (Standard Design, Contract Items)	SAP Line Number	Material Number	Fairview SS	Barberton Cap	NelsHoogte RS	Total Qty
	Description (enter contract number first, then enter descriptions)						
1							
2	Mustek - Microwave Access Radios						
3	IP-20N-2RU/10-Slot-Base-2x48v	IP-20N 2RU/10-slot base package w/ 2x48v	701419	1	1	1	3
4	IP-20 TCC-U	IP-20 TCC-U	729705	1	2	1	4
5	IP-20-RMC-B	IP-20 RMC-B	701983	1	2	1	4
6	IP-20-LIC-T16	IP-20 LIC TDM 16xE1/DS1	701984	1	1	1	3
7	SL-Capacity-50M	SL - Capacity 50M, per carrier	702012	1	2	1	4
8	SL-ACM	SL - ACM, per carrier	701991	1	2	1	4
9	SL-Edge-CET-Node	SL - Edge-CET-Node mode	701997	1	1	1	3
10	SL-Main-Card-Redundancy	SL - Main card redundancy	242319		1		1
11	RFU-CXe-8-126B-1W2-TH	RFU-CXe-8-126B-1W2-TH	699050		1		1
12	RFU-CXe-8-126B-1W2-TL	RFU-CXe-8-126B-1W2-TL	699050			1	1
13	RFU-CXem-F-23-H-TH	RFU-CXem,FCC,23GHz,High TH	699073		1		1
14	RFU-CXem-F-23-H-TL	RFU-CXem,FCC,23GHz,High TL	699073	1			1
15	Am-E3-2-7 8-A	2' ANT,SP,7 8GHz,Crgn&Std UBR84 Int-ANDR	701568		1		1
16	Am-1-23-A	1' ANT,SP,23GHz,Crgn&Std	701566	1			1
17	Am-3-23-A	3' ANT,SP,23GHz,Crgn&Std UBR220 Int -AND	701578		1		1
18	Am-4-7 8-A	4' ANT,SP,7 8GHz,Crgn&Std UBR84 Int-ANDR	701580			1	1
19	UL- 300-2M	Universal Large Bracket 0.3-0.9M antenna - Offset 300MM	736525	1	2		3
20	ULJJ-3	Universal Large Junior jumbo 1.2 - 1.8M antenna including	736688			1	1
21	S/2.4S - WE	Stay Angle bracket HD16, Stay pole 3M, HCS114	736485			1	1
22	SFP-GE-LX-EXT-TEMP	SFP OPTICAL 1000Base-LX,EXT TEMP	730012	2	4	2	8
23	CBL-PWR-DType/OE-40A-2.2m	Power cable D-Type/Open-end, 40A, 2.2m	721655	2	2	2	6
24	TNC-Angled-Male-Connector-RG8	TNC angled male connector, Clamp, RG-8	#N/A	1	2	1	4
25	IP10-CBL-16E1-OE-3M	IP-10 16E1 cable open-end, 3M	722114	1	1	1	3
26	GBE-SPL-SM	SM/LC Optical splitter conn. 1300nm 50/5	736527		4	2	6
27	15P-PROT-CBL	E1/T1/Ethernet protection cable	709523		1		1
28	IDU ODU CBL RFU-C 305m	IDU ODU CBL RFU-C 305m	715769	1	1	1	3
29	1+0-Installation-Kit	KIT for installation per terminal 1+0 Slim ROW	715778	1	2	1	4
30	NM PRO TRX	NetMaster application Server Software , unlimited Clients, E	701395	1	2	1	4
31							
32	Webb						
33	WALLMOUNT OFFSET 600 mm -		587951	1			1
34	9 meter aluminim pole 50 mm dia						
35							

4. Delivery Terms

4.1. Delivery location:

Google Map:

<https://maps.app.goo.gl/41aU51TvwBN1Sayf7>

Barberton Substation, South Africa

4.2. Incoterms:

DAP – Delivery at Place (Barberton Series Capacitor Substation)

5. Format of proposal:

5.1. The proposal must be detailed and present the following:

- Company profile and proof of experience with similar radio link supply projects.
- Detailed technical proposal, including datasheets and compliance to required specifications.
- Complete financial proposal (Breakdown cost, taxes and transport included).
- Delivery lead time and payment terms.
- Warranty period and after-sales support details.
- Any additional cost.

6. Clarifications:

All clarifications shall be submitted by email to MOTRACO to the attention of:

- Name: Virgilio Laisse: Operations Engineer
- Email: Vlaisse@motraco.co.mz
- Cc: esitoe@motraco.co.mz

7. Closing Date:

The proposals must be submitted via email with subject title: "**Barberton Radio LINK**", no later than 12 o'clock of 17 October 2025.

Regards



Adérito Sousa

General Manager