

TENDER NUMBER: TRIM/2026/05/0901/5269/RFP:

DESIGN, SUPPLY, REPAIRS, MODIFICATION, INSTALLATION, TESTING AND COMMISSIONING OF TRACTION (3KV DC AND 25KV AC) AND DISTRIBUTION (11 KV & 6.6 KV AC) SUBSTATIONS ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF TWENTY-FOUR (24) MONTHS, NORTH & NORTH-EAST CORRIDORS

RESPONSE TO BIDDERS

Date: Monday, 14 September 2026

BIDDER QUERIES AND RESPONSES FROM TRANSNET:

Comment 1:

Equipment Nameplate Details

To enable us to obtain accurate pricing from the relevant OEMs and suppliers, please provide the **nameplate information and/or photographs** for the following equipment under the **Table 4 :25kV AC Substation requirements:**

- Vacuum Circuit Breaker
- AC Disconnects (6.6kV – 220kV)
- High-Speed Circuit Breaker
- Primary Circuit Breaker
- Transformer

Kindly provide the applicable **manufacturer, model/type, voltage rating, current rating, capacity, serial number and other relevant nameplate information**, where available.

This information is required to ensure that the equipment quoted by the OEMs/suppliers meets the required specifications and to enable us to obtain accurate component pricing.

Response:

EQUIPMENT	REFERENCE TO SPECIFICATION - ATTACHED
Vacuum Circuit Breaker	Refer to Item 9 of Table 2
AC Disconnects (6.6kV – 220kV)	Refer to Item 6 of Table 1
High-Speed Circuit Breaker	Refer to Item 21 of Table 1
Primary Circuit Breaker	Refer to Item 7 of Table 1
Transformer	Refer to Item 9.3 of Table 1

NOTE: Nameplate and OEM/supplier data cannot be provided as there are many OEMs that manufacture equipment in accordance with our specifications. Providing OEM specific data may be viewed as preference over other OEMs.

Comment 2:

T2.2-05 – Experience of the Test Officer on the 3kV DC System

Please clarify the following:

- Is **one (1) client-signed test sheet** sufficient to demonstrate compliance with T2.2-05?
- If more than one test sheet is required, please confirm the **minimum number of signed test sheets** that must be submitted.

Response:

- Yes one client signed test sheet is sufficient.

Comment 3:

Request for Extension of Tender Closing Date

Response:

- The extension of **one-week** i.e. new closing date of **28 September 2026** may be granted.

Comment 4:

For 3kV DC Substations:

1. Item 53 on the BoQ, please advise on the required maximum/minimum airflow for the 3-phase fan.
2. Item 49 & 50 on the BoQ, please advise on Transnet substation buildings approximate size.

Response:

- Industrial Fan with sufficient airflow to keep substation building at room temperature (25 °C).
- Approximate Building Size (Gable type roof) – **Building Length = 15m, Building Width = 8m, Wall Height = 4m**

Comment 5:

For 25kV AC Traction Substations:

1. Item 5, which nominal voltage shall we assume? 88kV or 132kV?
2. Item 8, please clarify “16kVA 27 500V/240V” Is the 27 a mistake?
3. Item 17, can we offer replacement relays as some of the requested relays are discontinued ie. P122-Micom.

Response:

- Use 132kV.
- No this is not a mistake. Primary voltage rating is **27 500V**.
- Yes, replacement relays are acceptable.

Comment 6:

For 11kV & 6.6kV Distribution Substations:

1. Item 8: Do we assume the highest voltage level is 88kV to determine the conductor size?

Response:

- Yes, as per the relevant specification.