ELECTRICITY & ENERGY

HV PROJECTS
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Our Reference: 36503-5E	Your Reference:

FAX TRANSMISSION CONTROL SHEET	NUMBER OF PAGES TO FOLLOW	1

Originator : Fezeka Mhosho **Date** : 3 September 2026

Subject :**36503-5E – SUPPLY, DELIVERY, OFF-LOADING, INSTALLATION AND TESTING OF PROTECTION AND CONTROL EQUIPMENT AND THE TESTING AND COMMISSIONING OF ASSOCIATED ELECTRICAL PLANT FOR A PERIOD OF THIRTY-SIX MONTHS FOR VARIOUS SUBSTATIONS**

Clarification Queries and Responses:

1. Kindly confirm if the provided BOQ can be completed electronically.

Response for Item 1: The signed Tender Offers are required to be submitted as a hard copy and electronically on the eThekwini Municipality JDE system. The BOQ may therefore be completed and submitted electronically via the eThekwini Municipality JDE system. However, the hard copy submission shall contain the handwritten BOQ on the original tender document. Notwithstanding the electronic submission, a tender offer will only be deemed valid if the hard copy submission has been made. The hard copy submission shall be the governing submission as per **Clause C.2.13** on page **21**.

2. Refer to BOQ Item 3.22 on page 150. Please confirm the exact quantity of additional terminals for each 132 kV (Current Differential. Transformer/ Bus Section) Scheme per panel to accommodate spare cores per GIS Local Control Cubicle.

Response for Item 2: Please note that the quantities in the BOQ are only estimates and are subject to re-measurements during the execution of the work. Hence, the Tenderer shall price all BOQ items including Item 3.22 as per the estimated quantity provided on the BOQ. Furthermore, as per **Clause C2.1.8.3** on page **127,** the successful Tenderer shall be bound to supply whatever quantities the Employer may actually require during the period of the contract, irrespective of the extent to which the total quantities ordered may be in excess of or below the estimated quantity.

3. General clarification on the CT's to be tested. On the multi ration CT's, please confirm if the spare/unused ratios are also required to be tested

Response for Item 3: All equipment supplied on this contract shall be tested in accordance with **Schedule T2.2.27** on pages **100 to 102**. Therefore, Tenderers shall make allowance for all testing to be completed, including spare and unused ratios of multi ration CTs.

4. General clarification on the CT's to be tested. Please confirm if the spare CT's are also required to be tested

Response for Item 4: All equipment supplied on this contract shall be tested in accordance with **Schedule T2.2.27** on pages **100 to 102**. Therefore, Tenderers shall make allowance for all testing to be completed, including spare CTs.

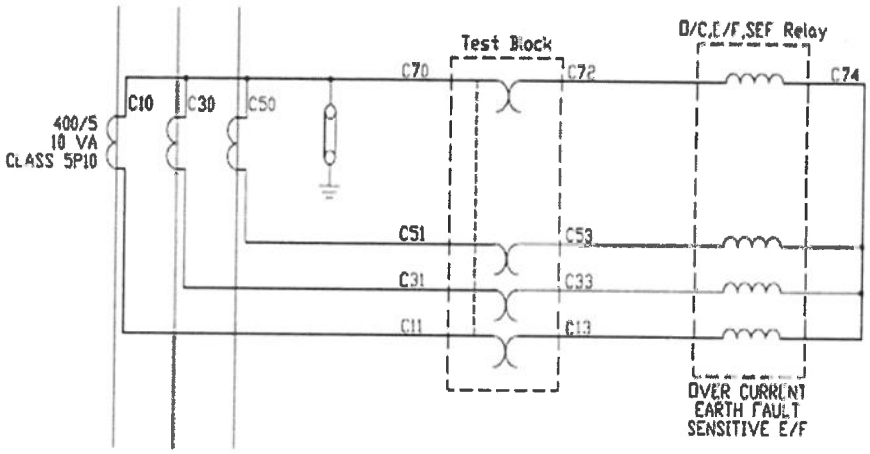
5. Please provide drawings of the 11 kV and 33 kV switchboard manufacture.

Response for Item 5: Tenderers are to base their submissions on the drawings issued with this tender, which are listed under **Schedule T2.2.26** on pages **97** to **100**. These drawings include typical AC & DC schematics and protection and control logic for 11 kV bays.

6. Please provide make, type and ordering code of the 11 kV cable protection relay to be free issued.

Response for Item 6: The 11 kV cable protection IED to be free-issued is currently of the EASERGY P3; however, the IED type may change at any stage of the contract as stated in **Clause 3.3.35** on page **188**. The exact model and ordering code are therefore not specified for tender purposes.

7. I would like to confirm the following for the 11kV Feeders overcurrent and earth fault relay. Schedule T2.1.2.25.2.5 Overcurrent, Earth Fault And Sensitive Earth Fault IED For 11 kV Feeder Schemes state under 2.5.5 the relay should have 3 × O/C, 1 × E/F, 1 × SEF (where specified). The TD33.1 drawings show the OC, EF and SEF with 4 inputs (3 x OC and 1 x SEF). Please can you clarify if eThekwini will accept an OC, EF and SEF relay where the EF is mathematically calculated for the 3 x OC and the SEF is measured. We will then offer a relay with 3 x O/C inputs and 1 x SEF input physical CT inputs as per TD33.1 sample drawing.



Response for Item 7: Please note that the technical specification and the technical schedules take precedence over the tender drawings (TD). Therefore, CT inputs shall align with the specification and shall not be mathematically calculated. As stated in **Schedule T2.2.26** on **page 97,** the purpose of the drawings issued with this enquiry is to clarify the requirements of the specification. The issue of these does not absolve the successful contractor from their normal responsibilities of ensuring that the arrangement and the circuitry meet the requirements of this specification or of submitting proposal drawings for approval by the Engineer.

Part C3.2: System Parameters and Particulars of Equipment Required details the specific scheme requirements, as the application is dependent on the site requirements.

8. We kindly request an extension of the bid closing date

Response for Item 8: The closing date cannot be extended, as the tender has already been advertised the beyond the normal 5 week period.