

CLARIFICATION QUESTIONS FOR REQUEST FOR INFORMATION (RFI) E2857DXGOU: PROPOSAL SOUGHT FOR SELF-RESETTING POLE MOUNTED TRANSFORMER - 05 JUNE 2026

QUESTIONS	ANSWERS
1. What are the expectations regarding the technical solution, including the method of load disconnection, enclosure rationale, and the openness to various market proposals?	<p>Load Disconnection Mechanism: It was suggested that a connector is a possible method for interrupting the load when the transformer reaches a critical temperature, but emphasized that Eskom is open to alternative solutions proposed by suppliers.</p> <p>Enclosure Size Justification: It was explained that the enclosure dimensions are based on existing transformer designs to avoid redesigning the tank, and while the current enclosure is preferred, proposals requiring larger enclosures may be considered.</p> <p>System Configuration and Drawings: It was clarified that load-breaking devices are typically mounted on poles or cross arms, not directly on the transformer, and offered to share configuration pictures or drawings after consulting with colleagues.</p> <p>Flexibility in Solution Proposals: It was reiterated that the primary requirement is self-protection functionality (automatic disconnection and reconnection), and suppliers are encouraged to propose innovative solutions, even if they require modifications to the enclosure or additional components.</p>

2. What are the local manufacturing and assembly requirements?	While class 0 transformers are generally designated for 100% local content, but the local content requirements for additional solution components are not yet determined and will be clarified as the process continues.
3. What are the communication and software requirements?	The solution is intended to operate independently without communication requirements, but proposals including communication features are welcome, provided they avoid licensed software where possible.
4. Participants requested access to Eskom specifications and the technical presentation?	The technical presentation and Eskom specification will be made available to all participants via the Eskom tender bulletin and e-tendering platform once approved by the technical team.
5. Dry type or Oil immersed?	Oil immersed (Ester oil)
6. Single-phase or three-phase?	Three-phase
7. Rated Capacity? KVA	100kVA and 200kVA (Pole mounted transformers)
8. Input voltage? KV	11kV and 22kV
9. Output voltage? KV	420V
10. Coil material: Copper or Aluminium?	Al or Cu both allowed
11. Frequency: 50/60 HZ?	50HZ
12. Are there any other detailed information or requirements, such as, Temperature, Altitude, or any others?	The solution required is to be used with transformers that comply to Eskom specification 240-45395762 and SANS 780.