

The Tenderers

Date:
23 June 2026

Enquiries:
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Dear Sir/Madam

ENQUIRY NUMBER: E2949GXMPARN

Arnot AGC and Generator Plant RTU Upgrade for a period of 18 Months.

TENDER ADDENDA NO.3:

QUESTION 1:

What are activities required under temporary work?

(As per work information Eskom wants Contractor to install MCB, UPS, batteries & cables etc. Also, Eskom asked to provide 300m long cable. Kindly clarify the work required under Temporary work. I have attached pdf for temporary work portion.) Please clarify if this will be done by the supplier or Eskom?

Response:

The replacement RTUs will ultimately be powered from the existing power supplies provided by the Employer.

The Contractor shall be responsible for the engineering, supply, installation, testing, and commissioning of all circuit breakers, cabling, and associated equipment required to connect the new RTUs to the existing distribution boards.

The existing distribution boards do not have sufficient spare capacity to simultaneously supply both the existing RTUs and the replacement RTUs during the online changeover. Consequently, the Contractor shall provide all temporary power arrangements necessary to support the installation, testing, commissioning, and online changeover of the replacement RTUs.

This may include, but is not limited to:

- Temporary power cables;
- Temporary circuit breakers and protection devices;
- Temporary power distribution arrangements;
- Temporary communication links;
- Temporary network or interface equipment; and
- Any other temporary infrastructure required to facilitate a safe and successful online changeover.

The exact temporary works solution shall be determined by the Contractor based on its proposed methodology, detailed design, and site assessment.

The existing RTUs are expected to remain operational during the changeover period and may be required to operate in parallel with the replacement RTUs until all testing, integration, commissioning, and acceptance activities have been successfully completed.

Only after the replacement RTUs have been fully commissioned, accepted, and placed into service may the existing RTUs be disconnected and removed from the permanent power supplies.

The Contractor shall be responsible for the design, supply, installation, operation, maintenance, and removal of all temporary works required to execute the Works and achieve a successful online changeover of the RTU control systems.

QUESTION 2:

On existing Architecture there is no fiber cable redundancy available between the RTU's & Microscada. However, on Technical Evaluation criteria, they asked to show Conceptual redundancy philosophy for each RTU (e.g. CPU, power, communications). As per our discussion, we allowed redundancy at RTU level (i.e 2x CMR cards are allowed, CMU1 is active & CMU2 is in standby mode). And at MicroSCADA level (Hot-standby configuration) is available already.

There is single point of communication between RTU-to-MicroSCADA via TCF 142 M-ST. Clarify, Eskom does not expect to provide fiber communication redundancy from RTU to MicroSCADA. I have highlighted in blue in attached layout1 pdf.

Response:

Bidders are referred to Section 3.2.3 – Basic RTU Functions, which defines the minimum redundancy requirements applicable to the replacement RTUs.

The Employer's existing architecture currently provides a single fibre communication path between the RTUs and MicroSCADA. Accordingly, the Employer does not require bidders to provide redundant fibre communication paths between the RTUs and MicroSCADA as part of the base scope of work.

The conceptual redundancy philosophy required as part of the tender submission should therefore focus on redundancy within the RTU control systems, including, where applicable, CPU redundancy, power supply redundancy, communication module redundancy, and other measures that improve system availability in accordance with the Works Information.

Bidders may propose additional communication redundancy enhancements as part of their solution; however, such enhancements are not mandatory for compliance with the Works Information.

NOTE: EXTENSION OF ENQUIRY CLOSING DATE

PLEASE NOTE THAT THE TENDER CLOSING DATE OF 10 JUNE 2026 @10:00AM HAS BEEN EXTENDED TO A NEW TENDER CLOSING DATE OF 30 JUNE 2026@10:00AM.

PLEASE NOTE THAT THE NEW ENQUIRY CLOSING DATE SUPERSEDE INITIAL CLOSING DATE STIPULATED ON THE ENQUIRY DOCUMENTS UPLOADED ON NATIONAL TREASURY E-TENDER PORTAL AND ESKOM TENDER BULLETIN.

PLEASE NOTE THAT OTHER TERMS AND CONDITIONS OF TENDERING REMAIN UNALTERED.

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