

TRANSFORMER AND SWITCHGEAR SERVICES

Scope of work – Repairs of various electrical instruments

T&SS make use of a variety of types and brands for electrical instruments as part of their work activities. Repairs are sometimes required where an instrument is damaged or becomes faulty. The scope of this contract is split in 2 phases, namely...

1. Strip and quote
2. Perform repair

The scope of work covers the collecting, receiving, safekeeping, dismantling, testing, servicing, repair, and delivery of the damaged or faulty equipment.

Phase 1: Strip & quote

For this phase of the process, the service provider will collect the equipment from Eskom Rotek Industries in Rosherville, Johannesburg and take it to their facility. There it will be dismantled and tested to determine the damage or fault. The service provider will issue a report, detailing the problem with the instrument, the proposed remedial action, together with the number of hours, as well as a list of parts with costs that it will require to fully repair and re-assemble the equipment, and await further instruction.

The Employer will evaluate the quote and may ask the Service provider to clarify and revisit the scope, hours or prices of the materials on the quote. A revised quote must be issued by the service provider in the event that changes are agreed to. Should the Employer opt to repair the equipment, a task will be issued at the final agreed repair price, and the service provider will promptly proceed to Phase 2 and perform the agreed repairs.

Should the Employer opt not to repair the equipment, the service provider will re-assemble and return the equipment to the state that it was when collected, and deliver it to the Employer as soon as possible. The service provider will charge the agreed fee for strip and quote as stated in the pricing information.

After completing the repairs, re-assembly and testing on an item, the service provider will deliver the repaired item to the ERI premises as soon as possible. All costs for delivery must be included in the quoted price for strip and quote.

For deliveries, please note...

- All vehicles entering the ERI premises must comply to the relevant Eskom Rotek Industries safety policies and procedures when entering the premises
- All vehicles entering and leaving the premises are subject to, and must comply with a security search
- The instruments must be suitably protected against damage, moisture, dirt, theft, etc. during transport and whilst at the premises of the service provider



Following is a list of equipment that may be sent for repairs, and which it is expected that the service provider will be capable of repairing.

Instrument	Make	Model
Circuit Breaker Tester	Elcon	SA10
CT Analyzer	Omicron	
Insulation Analyzer	Doble	M4100
Insulation Tester	ABB	Metriso 500D
Insulation Tester	AVO	Megger BMIID
Insulation Tester	AVO	Megger MJ20
Insulation Tester	Fluke	1503
Insulation Tester	Fluke	1507
Insulation Tester	Fluke	1550C
Insulation Tester	Fluke	1577
Ohm Meter	DV Power	RM050T
Ohm Meter	Vanguard	
Polymeter	Dranetz	325
Power Analyser	Norma	3000
Power Analyser	Norma	D5255T
Power Meter	Yokogawa	WT230
Ratiometer	DV Power	TRT63A
Ratiometer	H&B	BK77D
Ratiometer	Raytech	MKIII
Ratiometer	Tettex	2791QB
Ratiometer	Tinsley	
Ratiometer	Vanguard	TRI-0
Resistance Bridge	Sullivan	T2222
Resistance Bridge	Tettex	
Resistance Bridge	Vanguard	LTC40
Resistance Bridge	Vanguard	WRM-40
SFR Analyzer	Doble	M5400
Tap changer & winding analyser	BKB Power solutions	TDRCA
Tap changer & winding analyser	DV Power	TWA40
Trip Coil Tester		CBPS300
Windings Analyzer	Tettex	