

	Tender Questions and Answers	Document Identifier	240-7124948	Rev	1
		Effective Date	01 April 2023		
		Review Date	April 2026		

To whom it may concern	Date	24 April 2025
	Enquiries	Nombuso Xulu
	E-mail address	Xulunso@eskom.co.za

Dear Sir/Madam

Request for Enquiry Number	E1161DXKZN- Supply and Delivery of Testers and Cameras
Description / Project Title	The once-off order for the Supply and Delivery of Testers and Cameras in the KwaZulu Natal Operating Unit, Central-East Cluster
Tender Questions Closing Date	24 April 2025

Item	Questions	Answers	Clarity Published Dates
1.	Circuit breaker analyzer How many breaks per phase do you require for the Circuit breaker analyser to test	Maximum - 3 breaker per phase	24 April 2025
2.	Do you require any training for the operation of the camera, and for how many people. Would it be in a Boardroom or MS Teams?	Yes, we will need training for the use of the camera and analysis, and it will be for 3 people. Eskom can provide the Boardroom, and we will go out to the site where there is SF6 gas leak.	24 April 2025

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3.	Can you please provide the accessories - Bushing Types to be added to the Tan delta requirements	Bushing Type for Tan Delta Testing	Bushing adapter for TEST TAPS	24 April 2025
		ABB	Adapters required	
		ABB Powertech	Adaptor required	
		Haefely	Adapter required	
		Moser Glaser	Extended Adapter required	
		Asea	Adapters required	
		Passion Villa	Adaptor required	
4.	I would like to enquire about the completion and submission process for Bid E1161DXKZN. As this bid is to be submitted electronically, could you please confirm whether it is permissible to complete and sign the required forms electronically?	Yes, it is permissible to complete and sign the required forms electronically.		24 April 2025
5.	Would you please share the clear and complete specifications for the below.	Kindly note that the specifications are uploaded on the Eskom's tender Bulletin. Requirements can be found in the Technical Folder – PART 2 Folder on the Eskom Tender Portal		24 April 2025

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	TESTER: P0000653;UNIVERSAL TEST SET;50/60	4			
	TESTER: PORTABLE ONSITE TESTING UNIT;230	1			
	TESTER: PORTABLE;85 - 265, 100 - 375 V DC	2			
	TESTER: VERY LOW FREQUENCY PRESSURE;45 KV	2			
	UNIT: UNIVERSE GOOSE TEST MODULE	1			

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6.	can you please provide the list of Accessory check list for Portable three phase test system	<u>Accessory check list for Portable three phase test system</u> Please see the appendices below.			24 April 2025

APPENDIX 1

Portable Three Phase Test System for Auto reclose Controllers – Accessory Checklist

Accessories

1.Smart Adapters

Connection to all kinds of recloser controllers via Smart Adapters

Safe to Touch, Plug & Play technology, i.e. by plugging the relevant test lead in, the test set should configure itself for that specific recloser controller whilst all electrical outputs are insulated from the user's touch.

One connector to support ALL types of recloser controllers

Smart Adapters: (To be supplied)

for Nulec PTCC, Schneider ADVC, Tavrida RC05, Cooper Form 4C, Entecc ETR300-R, Noja RC15

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APPENDIX 2

Portable Three Phase Test System: Checklist

Actual Appearance of items on picture may be used as a guide but may differ

Accessories

1. Generator combination cable

To combine 3xV and 3xI into one test lead, 8x 4mm banana plugs



Connection Between the generation combination socket of test set and the test object.

- 1st end combination plug (8pole)
- 2nd end diameter 4mm(0.16in) safety plugs
- 8 x 2.5mm², 3m (9.8ft)
- 3 x 32 A max continuously
- Colour Codes red, yellow, blue, black









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2. Measurement leads

Accessory Pack of leads

	Description	Specs.	Quantity
	Flexible test lead adapters with 4 mm (0.15 in) safety plug for connections to narrow terminals	600 V, 32 A	12
	Flexible test lead adapters with retractable sleeve (5 cm (2 in) long) for connections to non-safety sockets	600 V, 32 A	6 red, 6 black
	Flexible jumpers for paralleling current triples up to 32 A or shorting neutrals of binary inputs	1000 V, 32 A	4 black
	Crocodile clips for contacting pins or screw bolts	1000 V, 32 A	4 red, 4 black
	Flexible terminal adapters for screw-type terminals	1000 V, 32 A	12
	Cable lug adapters for M4 (0.15 in) screws	1000 V, 20 A	20
	Cable lug adapters for M5 (0.2 in) screws	1000 V, 20 A	10
	Cable ties (velcro fastener) black, 150 mm (5.9 in) long		10
	Accessory bag		1

Other accessories:

3.South African Power cord

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Powercord C13, 10A-250V, 10A-125V
Configuration: ZAF_IND



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Connection lead from test set to PC

4. Ethernet patch cable 3m (9.8ft), RJ 45 to connect test set with Ethernet connection to PC or Network



5. USB Connection Cable, 2m (6,6ft) A/B








To Connect test set with USB connection to PC

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6. Various connection accessories

	Leads with 4mm (0.16in) safety plugs 2 m (6.6ft) long, 600 V, (6 x red, 6 x black)
	Flexible terminal adapters (12 x black)
	Jumper, flexible 6 cm (2.4inch) long, (4 x black) for paralleling current triple A and B (600V)
	Flexible test lead adapters with retractable sleeve 5 cm (2.0) long, 600 V (6 x red, 6 x black)
	Grounding Cable with Battery Clamp and cable lug M6 (0.24 inch) 1 x 6 mm ² 6 m (19,7ft)

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7. Hardcover carrying cases for test hardware with retractable handle and wheels

	
Description	Heavy-duty transport case with wheels and extendable handle
Dimension	660 x 570 x 415 mm (26 x 22.4 x 16.3 in)
Weight	11 kg (24 lbs)

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8.Soft Bag for test set and accessories

(typical Soft bag – dimensions to fit test set)



9. Instruction Manual

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10. Software for report downloading and configuration as well as offline test sequence generation.

11. Mini Wireless USB Adapter (for wireless control of test set)



Standrad 802.11b/g/n

Dimensions (WxHxD) : 14.9 x 7.1 x 18.5 mm

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