

Title: **TECHNICAL BULLETIN FOR
CONTRACT NO: 4600067632
(DISTRIBUTIONS'S CONTRACT
FOR VTS FROM 6.6KV UP TO
132KV SUPPLIED BY ACTOM)**

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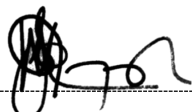
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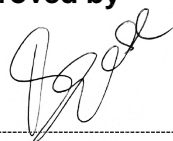
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1. Introduction

An enquiry (Corp 4925) was issued to the market in September 2019 for the design, manufacture, test and supply of voltage transformers ranging from 6.6kV up to 132kV. The aim for the enquiry was to put in place a long term (4 years) national contract for voltage transformers to fulfil Eskom Wires Business requirements for projects and strategic spares holding. After all technical and commercial processes were completed, ACTOM was awarded a contract (No: 4600067633) to supply voltage transformers to Distribution.

2. Revision history

Date	Rev	Compiler	Remarks
July 2020	1	S Maphosa	First Issue

3. Voltage Transformers in ACTOM contract

3.1 List of Items in Contract

The voltage transformers which form part of the contract are listed in table 1.

Table 1: 6.6kV up to 132kV Voltage Transformers in ACTOM Contract with Distribution

SAP No.	D-DT No:	Eskom Dr No:	Voltage Transformer Short Description	Users
402187	6178	0.54/9800	VT 1PH 6.6kV/110V 100/50VA 31	Dx
243883	N/A	0.54/9801	VT 1PH 6.6KV/110V 200/100VA 31	Tx
402185	6174	0.54/9802	VT 1PH 11kV/110V 100/50VA 31	Dx
243885	N/A	0.54/9803	VT 1PH 11KV/110V 200/100VA 31	Tx
402179	6173	0.54/9804	VT 1PH 22KV/110V 100/50VA 31	Dx
243886	N/A	0.54/9805	VT 1PH 22KV/110V 200/100VA 31	Tx
402183	6172	0.54/9806	VT 1PH 33kV/110V 100/50VA 31	Dx
243887	N/A	0.54/9807	VT 1PH 33KV/110V 200/100VA 31	Tx
402181	6177	0.54/9808	VT 1PH 44kV/110V 100/50VA 31	Dx
243888	N/A	0.54/9809	VT 1PH 44KV/110V 200/100VA 31	Tx
180091	6176	0.54/9810	VT 1PH 66KV/110V 100/50VA 31	Dx
243889	N/A	0.54/9811	VT 1PH 66KV/110V 200/100VA 31	Tx
180090	6171	0.54/9812	VT 1PH 88kV/110V 100/50VA 31	Dx
243890	N/A	0.54/9813	VT 1PH 88KV/110V 200/100VA 31	Tx
180089	6170	0.54/9814	VT 1PH 132kV/110V 100/50VA 31	Dx
243891	N/A	0.54/9815	VT 1PH 132KV/110V 200/100VA 31	Tx

Notes:

- The list of items (Table 1) by error includes voltage transformers which are used in both Distribution (DX) and Transmission (TX) businesses. It is the responsibility of user's to order the right items.
- The link for Contract drawing numbers is: <http://eng.eskom.co.za/sites/fs/pde/hvp/IT/Pages/Default.aspx>

4. Technical Details

The voltage transformers offered in this contract are inductive single-phase oil filled type. They are installed between phase and ground. They are hermetically sealed and do not require intrusive maintenance.

4.1 HV Terminals

The HV terminals of the voltage transformers are made of 26mm diameter stainless steel that is welded on top of the conservator.

4.2 Secondary Terminals

The secondary terminals are located in the terminal box. They are encapsulated in resin and are made of a fully threaded 6mm diameter brass rod.

4.3 Installation

The voltage transformers can be installed using standard clamps i.e. EX (K) type clamps.

5. Packaging, Shipping and Storage

The voltage transformers are packaged, shipped and stored in a vertical position. These current transformers do not require special stands for storage but must be placed on a dry stable surface.

6. Contract Validity

This is a four years contract and is valid from 15 May 2020 until 14 April 2024 or when funds are depleted, whichever comes first.

7. Contract Communication

Persons listed in table 2 can be contacted for further enquiries.

Table 2: Contact Persons

Technical	Name	Sibongile Maphosa
	Telephone number	+27 11 800 5208
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