

Addendum to the Intelligent Security and Substation Plant Monitoring Specification and the Technical Evaluation Criteria - June 2026

- 1) The service provider(s) shall ensure that all equipment and systems supplied are fully compatible and integrate with the existing **CathexisVision** platform currently utilised within the Cluster.

The full pilot project solution (security and substation plant monitoring) supplied by the tenderer must, however, function as a complete solution, not reliant on the existing security system. This solution must also allow the existing CathexisVision platform to have full access to Royston Substation and King Williams Town Complex and Warehouse (in the Eastern Cape), and Kraaifontein CNC and Brackenfell Warehouse (in the Western Cape) and perform parallel data/information manipulation (limited by the capability of the CathexisVision platform.)

- 2) The tenderer needs to provide a complete security system and substation plant monitoring, including remote control and visualization of the system. This will not constitute a full security control centre. However, it should meet the minimum requirements for a single Control Station (with associated ancillary equipment) to allow a single security personnel to have full remote access and control of the two pilot sites in the Eastern Cape. This Control Station will be located at the Sunilaws Control Center for Eastern Cape sites. This Control Station must be in line with the requirements indicated in the Specification and the Technical Evaluation Criteria.

A similar Control Station shall be provided for the two pilot sites in the Western Cape. It will be located at the Brackenfell Warehouse.

This arrangement will allow ease of integration with the existing security control system and also allow independent operation of the pilot system to be provided by the tenderer.

- 3) For this pilot project, security control and substation plant monitoring functions may be performed at the single Control Station in the Eastern Cape, likewise in the Western Cape.
- 4) The requirements for the **Video Consultation** have been removed in the Intelligent Security and Substation Plant Monitoring Specification. Hence, Video Consultation will not form part of this pilot project.
- 5) The Technical Evaluation Criteria (TEC) has been modified to enhance the expected response from the tenderer, indicated in Schedule A of this document.

Also, in this TEC document, it has been emphasized where it is expected for the tenderer to submit the supporting documents. In such cases, the tenderer is expected to submit the supporting document(s) and provide the document file name (and possibly the page number in the document) as a reference in Schedule B of the TEC.

- 6) The valid Specification has Revision Number 1 and the valid Technical Evaluation Criteria has Revision Number 4.
- 7) Since this is a pilot project, sufficient learnings need to be attained by the Client (Eskom). Hence, as a minimum, it is required that the pricing be broken down at least to cover the items below. The quantities should be based on the Scope of Work document as a minimum.

Site	Product	Quantity	Price (Excl.)
Royston Substation	Outdoor access switch		
	Access Switch		
	TOR Switch		
	Firewall		
	Outdoor Access Point (AP)		
	5MP Bullet Camera		
	5MP Dome Camera		
	PTZ Camera		
	Visible light Pan-Tilt Camera		
	Thermal Imaging Pan-Tilt Camera		
	PTZ Camera (Indoor)		
	Explosion-proof Bullet Camera		
	Panoramic Camera		
	NVR		
	Optical Fiber Sensing Unit		
	SAE&NCE		
Kraaifontein CNC Warehouse	Outdoor access switch		
	Access Switch		
	TOR Switch		
	Firewall		
	5MP Bullet Camera		
	5MP Dome Camera		
	PTZ Camera		

	NVR		
	Optical Fiber Sensing Unit		
	SAE&NCE		
King Williams Town Complex and Warehouse	Outdoor access switch		
	TOR Switch		
	Firewall		
	PTZ Camera		
	NVR		
	Optical Fiber Sensing Unit		
	SAE&NCE		
Brackenfell Warehouse	Outdoor access switch		
	TOR Switch		
	Firewall		
	PTZ Camera		
	NVR		
	Optical Fiber Sensing Unit		
	SAE&NCE		
Operation Center (or Control Station)	NMS		
	Firewalls		
	TOR Switch		
	Access Switch		
	Digital Twin		
	Intelligent Inspection Application System and Algorithms		
	AI Computing Server		
	Video Archive Storage - minimum 407.87TB		
Solution Implementation	Design, Build, Configure		
	Integration (if applicable)		
	Deployment and Stabilisation		
Solution Support			
Training			