

	SCOPE OF WORK	Unique Identifier	
		Revision	Rev. 0
		Revision Date	

1. SCOPE OF WORK

SUPPLY AND DELIVERY OF ESKOM APPROVED YARD STONE INCLUDING TJ MARAIS TESTING AS PER ESKOM IDENTIFIED REQUIREMENTS ON VARIOUS SUBSTATIONS / SITES ACROSS ALL SOUTH AFRICAN PROVINCES.

Eskom Rotek Industries require the following for SUBSTATIONS DEPARTMENT (VARIOUS PROJECTS) as per Eskom identified requirements on substations across all South African Provinces.

SUPPLY AND DELIVERY OF ESKOM APPROVED YARD STONE INCLUDING TJ MARAIS TESTING

Item	Drawing	DESCRIPTION	UNIT
<p>1) THE SUPPLY AND DELIVERY OF ESKOM APPROVED YARD STONE INCLUDING TJ MARAIS TESTING AS PER ESKOM IDENTIFIED REQUIREMENTS ON VARIOUS SUBSTATIONS / SITES ACROSS ALL SOUTH AFRICAN PROVINCES.</p> <p>2) Supplier to comply with all Eskom SHEQ standards and requirements at all times.</p> <p>3) Supplier to contact SITE MANAGER for information and directions prior to delivery being made.</p> <p>4) Supplier Vehicles to comply to all relevant Eskom and Site specifications and regulations.</p> <p>5) All products to fully comply with applicable Eskom / SABS Specifications.</p>			
Item	Drawing	DESCRIPTION	UNIT
1		SUPPLY AND DELIVERY OF APPROVED YARD STONE	
1.1	SANS 1083:2014 SANS 3002:2012	Crushed stone with wet resistivity value of at least 3000'Ωm; of aggregate size between 26.5mm and 37.5mm nominal size as per SANS 1083:2014 and SANS 3002:2012 and Eskom approved test results in terms of: 1- Sieve Analysis 2 - Wet resistivity values determined by TJ Marais investigation into the electrical properties of crusher stone used in substation earthing systems. 3- XRD Analysis APPROVAL REQUIRED PRIOR TO DELIVERY TO SITE	m ³
2		SAMPLE SUBMISSION AND TESTING PER SITE	
2.1	STANDARD FOR HV YARD STONES IN ESKOM TRANSMISSION SUBSTATIONS with unique identifier: 240-108982466	Sample testing including: 1- Sieve Analysis 2 - Wet resistivity values determined by TJ Marais investigation into the electrical properties of crusher stone used in substation earthing systems. 3- XRD Analysis	Sample per site

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2.2	STANDARD FOR HV YARD STONES IN ESKOM TRANSMISSION SUBSTATIONS with unique identifier: 240-108982466	Sample submission for approval to Megawatt Park including test results of: 1- Sieve Analysis 2 - Wet resistivity values determined by TJ Marais investigation into the electrical properties of crusher stone used in substation earthing systems. 3- XRD Analysis	Sample per site
3	DELIVERY		
3.1		Sample Delivery to Megawatt Park	km
3.2		Delivery to Site per Truck - Side Tipper	km

Compiled by:	Supported by:
	
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Supported by:	Supported by:
	
Tshepo Dikgale Quantity Surveyor Construction Services – Substations	Nkululeko Nkabinde Head of Department (Acting) Construction Services – Substations