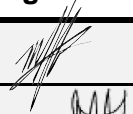




	<h1>Proforma for Primary Plant</h1>	Template Identifier	240-67841557
		Template Revision	3
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		Effective Date	01 April 2021

Scheme	UPINGTON STRENGTHENING STAGE 2
Project	UPINGTON STRENGTHENING STAGE 2
Substation	Upington
Grid	Northern Cape
Project WBS	N.ETSLPK1.C.NW.INT.TE
Date	Thursday, 28 September 2023
Proforma Revision No.	2

Item No.	Short Technical Description	Unit	QTY
1	400kV Circuit Breaker, 4000A, 50kA, 1Φ ARC tripping, 220 V DC, 25mm/kV	each	2
2	400kV Capacitive Voltage Transformer 400kV/110V 2P1M 150/50VA (3P/0.2) 25mm/kV	each	9
3	400kV Double Side Break isolators, (LH), 3150A, 50kA, 5500 mm φ-spacing, (Motorised), 220 V dc aux, 25 mm/kV	each	1
4	400kV Double Side Break isolators, (2ES), 3150A, 50kA, 5500 mm φ-spacing, (Motorised), 220 V dc aux, 25 mm/kV	each	2
5	400kV Double Side Break isolators, (RH), 3150A, 50kA, 5500 mm φ-spacing, (Motorised), 220 V dc aux, 25 mm/kV	each	2
6	400kV Current Transformer, 3150 A, 50kA, 6C [(2 x TPS, 1600/1, MRP), (2 x TPS, 1600/1, F-BZ), (2 x M, 1600/1,MR-M)], 25 mm/kV	each	9
7	400kV Post Insulators, C10 -1550, 10kN, 31mm/kV	each	65
8	400kV Surge Arresters, Metal Oxide, Class 4, 31mm/kV, Insulated Base	each	3
9			
10			

Revision Control		
Rev	Description	Compiler
1	First Issue - As per revised Scope	A Le Grange
2	As per revised scope	M Pepper

Review and Authorisation				
	Name	Designation	Signature	Date
Compiled By	M Pepper	Chief Engineer		28 September 2023
Reviewed By	T Moonsamy	Senior Engineer		28 September 2023
Authorised By	S Zulu	Chief Engineer		28 September 2023