

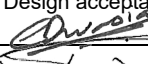
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		Group Technology (Engineering) - PTM & C	

		Date:	2022/02/28
From:	PTM & C Planning & Project Support	To:	TPD
Project Engineer:	Lungie Nogela	Project Manager	Tebogo Nyatlo
Tel:	011 871 2634	Tel:	011 800 2360

Scheme name:	Uppington Strengthening
Project name:	Uppington Strengthening
Project /CC/ WBS No.:	C.ET03201.E.NC.SUP.TF.PR
Region / O.U.	Western Grid
Substation:	Uppington
Busbar Voltage:	400kV
Bay:	Trfr 12
Station DC Voltage:	220V
Contract No.:	4600072275
Supplier:	DLO Energy Solutions (Pty) Ltd
Revision:	1
Revision Control	1 First issue

ITEM 1 - PRODUCTION SCHEMES

Item	Material No	Item Description	Quantity
320	0661857	Scheme: 1 Transformer B&H (Trfr MV - DBB Config) - 220VDC	1
560	0661834	Loose: IDM+6U with 36A/128B c/w Chassis Plate & Loom - 220VDC	1
970	0660295	SecuControl 8 Way CT Test Block (FLTP08015AD-SL17F-1523)	2
330	0660854	Module: TWS Fault Locator Board	2
800	0660881	Module: Internal GPS Receiver	1
620	0660725	Ethernet Switch: RSG2100	1
630	0660727	12 Way Fibre Patch Panel	1
1010	0661241	CABLE:ETHERNET;8 MM;LG 3 M;UTP COPPER	1
		Delivery destination: Uppington Substation	*
1050	3000013554	Transport - Estimated distance from Manufacturer to Site:701-1200km	1
1030	3000013310	Offloading & positioning in control room	1
		Note: The following Levels on 6DRB7100 drawing 0.52/30114 should be selected/activated L1, 2, 10, 16, 17, 34, 38, 45, 46, 48, 53, 64, 66 & 67	
		The CTTB Labelling to be as follows:	
		CTTB 1-1	CTTB 1-2
		TRFR 12 HV BAY	TRFR 12 HV TIE
		CURRENT TEST BLOCK	CURRENT TEST BLOCK
		CTTB 2-1	CTTB 2-2
		TRFR 12 MV BAY	NOT USED
		CURRENT TEST BLOCK	
		CTTB 3-1	CTTB 3-2
		400kV FDR 2 BAY	400kV FDR 2 TIE
		CURRENT TEST BLOCK	CURRENT TEST BLOCK
		CTTB 4-1	CTTB 4-2
		400kV FDR 3 BAY	400kV FDR 3 TIE
		CURRENT TEST BLOCK	CURRENT TEST BLOCK

	Name	Designation	Signature	Date
Compiled by:	Lungie Nogela	PTM&C Project Engineer		2022/09/30
Accepted by:	Elizabeth Thekkekkottaram	Discipline Custodian	Design acceptable 	15/11/2022
Approved by:	A.M.P. Sheerin	PTM&C Planning & Project Support Manager		15/11/2022
Received by:	Tebogo Nyatlo	Project Manager		15/11/2022

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