

Technical Schedules A and B for

D-DT-3140 - CONCENTRIC CABLE

NB. UNIQUE SCHEDULES ARE TO BE COMPLETED PER SAP NUMBER LISTED BELOW

NB. SUPPLIERS TO CONFIRM ADHERENCE TO THE LATEST PUBLISHED REVISION OF ALL APPLICABLE ESKOM DRAWINGS

SAP Number	Technical Description
0171296	CABLE 1kV 2C 4SQ CU CONC D3140
0171294	CABLE 1kV 2C 10SQ CU CONC D3140
0252076	CABLE 1kV 2C 4SQ CU CONC COMM D3140
0229799	CABLE 1kV 2C 10SQ CU CONC COMM D3140
0632881	CABLE,ELECT:230 V ;XLPE ;2C ;6 MM2
0555889	CABLE,ELECT:CONCENT;GSW/TINNED CU;8MM2

Schedule A: Purchasers specific requirements

Schedule B: Guarantees and technical particulars of equipment offered

1	2	3	4
Item	Description	Schedule A	Schedule B
1	Product Information		
1.1	Purchasing details		
1.1.1	Eskom SAP No	Select SAP number from list above	xxxxxxxxxx
1.1.2	Manufacturer	Manufacturer name	xxxxxxxxxx
1.1.3	Manufacturer's Product Code	Specify Code	xxxxxxxxxx
1.1.4	Manufacturer's Drawing number & Revision number	Specify No and Rev	xxxxxxxxxx
1.1.5	Method of indication on cable	240-610704085 Clause 5	xxxxxxxxxx
1.1.6	Manufacturer's physical unique identifier indelibly marked. - Sequential marking on cable and length marking shown on drum label	240-610704085	YES
1.1.6	Quantity of cable requires		
	- Approximate length per drum	m	xxxxxxxxxx
	- Approximate mass per drum	kg	xxxxxxxxxx
1.1.7	Compliance to Eskom Buyer's Guide Drawings		
	All material supplied to comply with the Eskom buyers guide requirements	Eskom D-DT-3140	
1.1.7.1	Phase core - as per SAP number	240-610704085 Clause 3.2.1	
	- Material		xxxxxxxxxx
	- size	mm ²	6
	- no of Copper strands/ tinned hard drawn		6
	- no of GSW		1
	- size of Copper strands	mm ²	xxxxxxxxxx
	- size of GSW strands	mm ²	xxxxxxxxxx
	Insulation material		XLPE
	Insulation thickness 240-610704085 Clause 3.2.1	mm	xxxxxxxxxx
	Communication cores (stranded)		xxxxxxxxxx
	Tolerance	±mm	xxxxxxxxxx
1.1.7.2	Neutral earth conductor	240-610704085 Clause 3.2.1	
	- Size of tinned anneal copper strands	mm ²	xxxxxxxxxx
	- Size of GSW strands	mm ²	xxxxxxxxxx
	- Material		xxxxxxxxxx

		- Number of Copper stands		XXXXXXXXXX	
		- Number of GSW strands		XXXXXXXXXX	
1.1.7.3		Thickness of outer sheath 240-610704085 Clause 3.3	mm	XXXXXXXXXX	
1.1.7.4		Overall diameter of cable 240-610704085 Clause 3.3	mm	XXXXXXXXXX	
		- Tolerance	±mm	XXXXXXXXXX	
1.1.7.5		Nominal mass of cable	kg/km	XXXXXXXXXX	
1.1.8		Item sample required, upon request from Eskom (As per the Technical Criteria Document)		YES	
1.2	-	Mechanical Properties			
		All material to comply with the Eskom standard.	240-610704085 Clause 3.4		
1.2.1		Minimum bending radius of cable	mm	XXXXXXXXXX	
1.3	-	Electrical Properties			
		All material to comply with the Eskom standard.	240-610704085 Clause 3.4		
1.3.1		Resistance at 20°C	Ω	XXXXXXXXXX	
1.3.2		Continuous current rating at 90°C			
		- in air (in direct sunlight) at 30°C	A	XXXXXXXXXX	
		- underground at 25°C	A	XXXXXXXXXX	
1.3.3		Dielectric resistance at 20°C	MΩ.km	XXXXXXXXXX	
2		Documentation (to be submitted with tender)			
		Note: All documentation to also be provided in electronic format.			
2.1	-	General			
2.1.1		Approved Manufacturer Drawings showing markings and dimensions	1 Set submitted	YES	
2.2	-	Test Reports (where applicable)		Required	
2.2.1		Has the relevant signed mandatory test schedule been submitted.	Signed Test Schedule Submitted	YES	
3		Packaging			
3.1		Packaging as per Eskom standard	240-610704085 Clause 5	YES	
3.2		Installation instructions provided in packaging		YES	

Deviations to any of the stated requirements are to be captured on the Deviation Schedule.

ESKOM
Enquiry No.: _____

Tenderers Name: _____

Date: ____/____/____
A & B Schedule

SUPPLIER SIGNATURES

Name (Print)

Company name

Sign

Date