

Annex C – Technical Schedules

Technical Schedules A and B for PG CLAMPS (Al/Cu) D3058

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	<input type="checkbox"/> Purchasing details		
1.1.1	SAP No		xxxxxxxxxx
1.1.2	Manufacturer	xxxxxxxxxx	
1.1.3	Country of origin	xxxxxxxxxx	
1.1.4	Manufacturer's Product Code	xxxxxxxxxx	
1.1.5	Drawing number & Revision number	xxxxxxxxxx	
1.1.6	Physical identification mark on product	xxxxxxxxxx	
1.1.7	Compliance to critical dimensions on Buyer's Guide	3058	
1.1.8	Item sample required	YES	
1.2	<input type="checkbox"/> Mechanical and electrical properties		
1.2.1	Material Grade/Material used:	xxxxxxxxxx	
1.2.2	PG Bolts	xxxxxxxxxx	
1.2.3	PG Body	xxxxxxxxxx	
1.2.4	Tensile strength	MPa	xxxxxxxxxx
1.2.5	Washer dimensions (Diameter and thickness)	xxxxxxxxxx	
1.2.6	Conductor range	xxxxxxxxxx	
1.2.7	Elongation	mm	xxxxxxxxxx
1.2.8	Anti galling measures taken?	xxxxxxxxxx	
1.2.9	Thread size	M8 bolt	xxxxxxxxxx
1.2.1	Filler content	xxxxxxxxxx	
0			
1.2.1	Dielectric strength	xxxxxxxxxx	
1			
1.2.1	Fabrication method		
2			
a) Extrusion	xxxxxxxxxx		
b) Forging	xxxxxxxxxx		
1.2.1	Electrical jointing compound used/type	xxxxxxxxxx	
3			

1.3	<input type="checkbox"/> PG Clamps (Al/Cu) are required for the following conductor types		
1.3.1	Cross-sectional area of the smallest conductor mm ²		xxxxxxxxxx
1.3.2	Breaking force of the smallest conductor kN		xxxxxxxxxx
1.3.3	Current rating @ 75 degrees Celsius of the		xxxxxxxxxx
1.3.4	A smallest conductor		
1.3.5	Cross-sectional area of the largest conductor mm ²		xxxxxxxxxx
1.3.6	Breaking force of the largest conductor kN		xxxxxxxxxx
	Current rating @ 75 degrees Celsius of the		xxxxxxxxxx
	A largest conductor		
2	Test Authority		
2.1	<input type="checkbox"/> Preferred person/organisation	SABS/NEF T A	xxxxxxxxxx
3	Electrical Jointing Compound		
3.1	<input type="checkbox"/> General		
3.1.1	Trade name		xxxxxxxxxx
3.1.2	Type of compound		xxxxxxxxxx
3.1.3	Recommended quantity per fitting		xxxxxxxxxx
3.1.4	Are grooves pre-treated and individually packed?	YES	
3.1.5	Source of supply		xxxxxxxxxx
3.1.6	Temperature rating:		
	a) Continuous		xxxxxxxxxx
	b) Maximum under short-circuit conditions		xxxxxxxxxx
4	Documentation (to be submitted with tender)		
4.1	Note: All documentation to be provided in electronic format.		
4.1.1	<input type="checkbox"/> General		
4.1.2	Outline drawings of item	Sets	1
	Material grade certification		YES
4.2			Report Number
4.2.1	<input type="checkbox"/> Test reports	Required	
	Verification of general dimensions	YES	

4.2.2	Verification of material type	YES	
	Mechanical Tests	YES	
4.2.3	- Mechanical bolt tightening test (SANS 61284)	YES	
4.2.4	- Slip test (SANS 61284)	YES	
4.2.5	- Heat cycle test (SANS 61284)	YES	
4.2.6	- Corrosion test (SANS 61284)	YES	

NOTE: The deviation schedule is to be completed and signed by all tenderers

ANNEX D: Deviation schedule

Any deviations from this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by Eskom.

SIGNATURES

Supplier:

Name (Print)	Sign	Date
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Manufacturer:

Eskom:
