

TECHNICAL SPECIFICATION FOR CT SB2 Switchbox to test multi-tap CTs

Appendix A: Technical Schedules

Schedule A and Schedule B provide technical details against tendered equipment/Supplier's statement of compliance or non-compliance. The tenderer is requested to complete this Schedule A/B as part of the tender submission data package.

When completing the Schedule A/B, the tenderer is requested to take cognisance of the following:

It is expected of the tenderer to state clearly, for each clause that requires a statement of compliance in the Schedule A/B, either "Comply" or "Do Not Comply". The Tenderer shall provide detailed evidence for each answer specifically stating the **exact location** of the evidence in the supporting documentation i.e **document name and reference, page number, paragraph number**.

If a clause in the Schedule A/B requires information only, e.g. describe application etc. The tenderer is at liberty to provide any information deemed appropriate.

SCHEDULE A : PURCHASER'S PARTICULAR REQUIREMENT **SCHEDULE B: THE TENDERER'S COMPLIANCE**

Technical scoring methodology:

COMPLIANT [Meet the technical requirement(s) AND, No foreseen technical risk(s) in meeting technical requirements & Manual technical specification manual submitted]

NON-COMPLIANT [Does not meet the technical requirement(s) AND/OR Unacceptable technical risk(s) AND/OR; Unacceptable exceptions AND/OR; Unacceptable conditions]

Clause No	Description of Clause	Schedule A (Purchaser's Particular Requirement)	Weight	Schedule B Compliance	Clause Score	Total Score	Schedule B Compliance	Clause Score	Total Score	Schedule B Compliance	Clause Score	Total Score
4	FUNCTIONAL REQUIREMENTS	Stated for Information only										
4.1	Characteristics and Rating requirements	Stated for Information only										
	The device shall meet the following :	State Compliance										
4.1.1	Mains connection: Connector according to IEC 60320	State Compliance	3									
4.1.2	Mains voltage: 100 ... 240 VAC / 50/60 Hz / 0.2 A	State Compliance	3									
4.1.3	Mains fuses :2 x T 2.0 AH 250 V (high-breaking capacity wire fuse 5 x 20 mm)	State Compliance	3									
4.1.4	Output voltage: 0 ... 120 V	State Compliance	3									
4.2	Interface: PC and CTA interfaces	Stated for Information only										
	The device shall meet the following interface requirements:	State Compliance										
4.2.1	CT SB2 switch box must be able to connect CT SB2 to a CT Analyzertest set	State Compliance	3									
4.2.2	PC interface: 9-pole SUB-D connector, female	State Compliance	3									
4.3	Environmental conditions	Stated for Information only										
	The device shall meet the following :	State Compliance										
4.3.1	Operating temperature: -10 ... +50 °C (14 ... 122 °F)	State Compliance	3									
4.3.2	Storage and transportation: -20 ... +70 °C (-4 ... 158 °F)	State Compliance	3									
4.3.3	Max. altitude for operation 2000 m	State Compliance	3									
4.4	Mechanical data	Stated for Information only										
	The device shall meet the following :	State Compliance										
4.4.1	Weight 2.6 kg (5.7 lbs) without accessories	State Compliance	3									
4.4.2	Dimensions W x H x D 285 x 68 x 225 mm (11.2 x 2.7 x 8.9")	State Compliance	3									
5	General Specification	Stated for Information only										
5.1	Software License	Stated for Information only										
5.1.1	The Supplier shall provide an enterprise software license, if any, for all software provided with the CT SB Switch Box for use by the Purchaser.	State Compliance	3									
5.2	Documentation	Stated for Information only										
5.2.1	The Supplier shall supply a complete set of documentation. Such documentation shall enable Purchaser's personnel to perform maintenance on the CT SB Switch Box. The documentation shall include the following:	State Compliance										
5.2.1.1	Manuals	State Compliance	2									
5.2.1.2	Connection Drawings to IED's	State Compliance	2									
5.2.2	Manuals shall include the following:	State Compliance										
5.2.2.1	Hard copy of manuals with all the mechanical, electrical and environmental specifications of the unit	State Compliance	1									
5.2.3	All documents shall be supplied in English Language.	State Compliance	1									
5.2.4	All documents shall be supplied in a digital format and hard copy format and shall be available on the internet.	State Compliance	1									
5.6	Quality Assurance	Stated for Information only										
5.6.1	Eskom's Quality Assurance requirements as specified in ISO 9001:2015 are applicable.	State Compliance	1									
5.7	Applicable Standards	Stated for Information only										
5.7.1	The Supplier shall provide proof of compliance to the following standards:	State Compliance										
5.7.1.1	EMC IEC/EN 61326-1 (industrial electromagnetic environment) FCC subpart B of part 15, class A	State Compliance	3									
5.7.1.2	Safety IEC/EN/UL 61010-1	State Compliance	3									
5.7.1.3	Shock IEC/EN 60068-2-27 (15 g/11 ms, half-sinusoid, 3 shocks in each axis)	State Compliance	3									

5.7.1.4	Vibration IEC/EN 60068-2-6 (frequency range 10 Hz...150 Hz, acceleration 2 g continuous (20 m/s ² /65 ft/s ²), 20 cycles per axis)	State Compliance	3									
5.7.1.5	Humidity IEC/EN 60068-2-78 (5 %...95 % relative humidity, no condensation), tested at 40 °C/104 °F for 48 hours		3									
5.7.1.6	Protection class IP20 according to EN 60529		3									

Signature: _____

Print Name: _____

Company: _____

Date: _____