

## 1. Mandatory Technical Criteria

Submit the completed and signed deviation schedule:

- **ECOUC Deviation Schedule for Informal Tenders\_rev1\_2019**,

specifically referencing **D-DT 3228, SAP 0186845 – JOINT, FULL TEN AUTO 5.82 TO 8.64mm**, stating if there are any deviations to the specified requirements.

If the product is fully compliant, then state “No Deviations” on the Deviation Schedule.

Ensure the OEM product code is stated.

Evaluation requirement: If this document is not submitted, the tenderer will be disqualified at this stage.

**NOTE:** Technical data, reports, drawings or any returnable relating to the **Corrosive Resistant Splice (CRS)**, which utilises the **Visual Indicator Projection (VIP) system**, will not be evaluated. **Eskom does not utilise this version of the Automatic Joint**. Do not submit documentation related to CRS / VIP products.

## 2. Objective Technical Criteria

The following documents shall be submitted:

### 2.1. Completed Technical Schedules (complete “Schedule B” column)

The bidder is required to submit all the information required and the document must be correctly completed. Any gaps (blanks), TBA, and similar remarks will render the document incomplete.

### 2.2. Manufacturer’s Drawings showing dimensions and markings

### 2.3. Material grade certification

### 2.4. The following Test Reports:

- Material Grade verification
- Mechanical Tension (SANS 61284)
- Heat Cycle test (SANS 61284)
- Corrosion Test (SANS 9227)
- Sampling and visual inspection - Type, sample and routine test (240-75882302)
- Dimension Verification - Type, sample and routine test (240-75882302)
- Detailed installation instructions and operation of fitting (240-75882302)

Evaluation requirement: 100% compliance

**Technical Schedules A and B for  
JOINT, FULL TENSION AUTO 5.82 TO 8.64mm - D-DT-3228**

Schedule A: Purchasers specific requirements

Schedule B: Guarantees and technical particulars of equipment offered

1		2		3	4
Item	Spec	240-75882302 Full Tension Auto system fitting for OH lines		Schedule A	Schedule B
<b>1</b>		<b>Product Information</b>			
1.1		Purchasing details			
1.1.1		Eskom SAP No		0186845	xxxxxxxxxx
1.1.2		Manufacturer	Manufacturer name	xxxxxxxxxx	
1.1.3		Country of origin		xxxxxxxxxx	
1.1.4	3.2.7.3	Manufacturer's Product Code	Specify Code	xxxxxxxxxx	
1.1.5		Manufacturer's Drawing number & Revision number	Specify No and Rev	xxxxxxxxxx	
1.1.6		Item sample required	OEM Only	IF REQUESTED	xxxxxxxxxx
<b>1.2</b>		<b>Physical Properties</b>			
1.2.1		Material Grade		xxxxxxxxxx	
1.2.2		Conductor Material	Aluminium	Alluminium	
1.2.3	3.1.1.4	Conductor size range: Squirrel/Acacia, Magpie, Fox/35, ABC 35mm, ABC 70mm	D-DT-3228	5.82 to 8.64	
1.2.4	3.1.1.4	Conductor application colour code markings	D-DT-3228	Orange, Green, Blue, Pink and Yellow	
1.2.5	3.1.1.5	Method of connecting two pieces of conductor in tension	Automatic Joint	Automatic, no crimping or tools for application	
1.2.6		Alloy used and any treatment of material		xxxxxxxxxx	
1.2.7		Wall thickness and tolerance	mm	xxxxxxxxxx	
1.2.8		Overall length	mm	xxxxxxxxxx	
<b>1.3</b>	<b>3.1.2</b>	<b>Electrical Jointing Compound</b>			
1.3.1		Trade Name		xxxxxxxxxx	
1.3.2		Type of compound		xxxxxxxxxx	
1.3.3		Recommended quantity per fitting		xxxxxxxxxx	
1.3.4		Are fitting pre-filled and sealed before despatch?		YES	
1.3.5		Source of supply		xxxxxxxxxx	
1.3.6		Temperature rating: Continuous	°C	120	
1.3.7		Temperature rating: Max. under short-circuit conditions	°C	150	
1.3.8		Method of marketing i.e. per tube, drum, etc.		Per Tube	

<b>1.4</b>		<b>Test Reports (To be submitted with tender)</b>		
		<b>Note: All documentation to also be provided in electronic and hardcopy format.</b>		
		<b>Test Reports (where applicable)</b>	<b>Required</b>	<b>Report Number</b>
1.4.1		Material Grade verification	Metallurgic report	Report required
1.4.2	3.2	Mechanical Tension (SANS 61284)	SANS 61284	Report required
1.4.3	3.2	Heat Cycle test (SANS 61284)	SANS 61284	Report required
1.4.4	3.2	Corrosion Test (SANS 9227)	SANS 9227	Report required
1.4.5	3.2	Sampling and visual inspection - Type, sample and routine test	240-75882302	Report required
1.4.6	3.2	Dimension Verification - Type, sample and routine test	240-75882302	Report required
1.4.7	3.1.4	Detailed installation instructions and operation of fitting	240-75882302	Report required
<b>1.5</b>		<b>Packaging</b>		
1.5.1		Drawing of the fitting supplied		YES
1.5.2	3.1.3	Detailed installation instructions of the fitting provided		YES
1.5.3	3.3.1	Fittings marked in accordance with the specification		YES
1.5.4	3.3.2	Individually packed in sealed plastic bag		YES

**NOTE: DEVIATION SCHEDULE CONTINUE ON NEXT PAGE.  
IF NO DEVIATIONS ARE MENTIONED ON THE DEVIATION SCHEDULE IT WILL BE ACCEPTED THAT THE SUPPLIER AND MANUFACTURER FULLY COMPLIES WITH THE REQUIREMENTS OF THE ESKOM SPECIFICATON(S).**

### SUPPLIER SIGNATURES

\_\_\_\_\_  
Name (Print)

\_\_\_\_\_  
Company name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

**Test Report Schedule for  
JOINT, FULL TENSION AUTO 5.82 TO 8.64mm - D-DT-3228  
SAP: 0186845**

1	2		3	4
Item	Description	Test	Specification	Report Number
1.4.1	Material Grade verification		Metallurgic report	
1.4.2	Mechanical Tension (SANS 61284)		SANS 61284	
1.4.3	Heat Cycle test (SANS 61284)		SANS 61284	
1.4.4	Corrosion Test (SANS 9227)		SANS 9227	
1.4.5	Sampling and visual inspection - Type, sample and routine test		240-75882302	
1.4.6	Dimension Verification - Type, sample and routine test		240-75882302	
1.4.7	Detailed installation instructions and operation of fitting		240-75882302	

**SUPPLIER SIGNATURES**

\_\_\_\_\_

Name (Print)

\_\_\_\_\_

Company Name

\_\_\_\_\_

Sign

\_\_\_\_\_

Date