

## 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 0186846 – JOINT, FULL TEN AUTO MINK PINE**, 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.

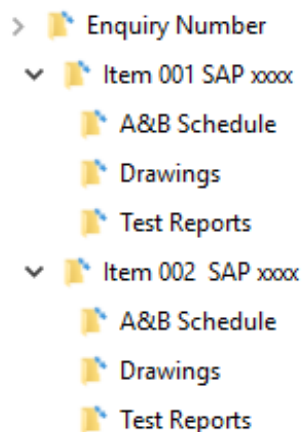
**NOTE:** Technical data, reports, drawings or any returnable relating to the **Corrosive Resistant Splice (CRS)**, which utilises the **Visual Indicator Projection (VIP) system**, will not be evaluated. **Eskom does not utilise this version of the Automatic Joint.** Do not submit documentation related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

## 2. Objective Technical Criteria

2.1. All data submissions including relevant test reports and/or certification shall be in English.

Data submitted in any language, other than English, will be disregarded.

2.2. All electronic information or data shall be presented as separate individual electronic PDF documents or files. These files shall be arranged in separate electronic folders, suitably named to correlate the information types as shown in the figure below. Where a document is applicable to more than one item, it shall be copied into each item’s associated folder.



2.3. Test reports are required per item. Mechanical test reports may not be older than 10 years as at the date of tender closing, providing there are no known failures within that time period.

2.4. **The following documents shall be submitted and in electronic format:**

2.4.1. 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.

2.4.2. Manufacturer's Drawings showing dimensions and markings

2.4.3. Material grade certification

2.4.4. The following Test Reports:

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

Evaluation requirement: 100% compliance

**Technical Schedules A and B for  
JOINT, FULL TENSION AUTO MINK PINE - 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   |                    | 0186846   | xxxxxxxxxx |
| 1.1.2      |              | Manufacturer   | Manufacturer name  | xxxxxxxxxx                                      |            |
| 1.1.3      |              | Country of origin  |                    |   |            |
| 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   | Alluminium         | Alluminium                                      |            |
| 1.2.3      | 3.1.1.4      | Conductor size range: Mink and Pine                        | D-DT-3228          | 10.94-10.98                                     |            |
| 1.2.4      | 3.1.1.4      | Conductor application colour code markings                 | D-DT-3228          | Red   |            |
| 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**

**Test Report Schedule for**  
**JOINT, FULL TENSION AUTO MINK PINE - D-DT-3228**  
**SAP: 0186846**

| 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