

	<b>Business Management System</b> Technical Evaluation Form	Document Identifier	240-00000000	Rev	1
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## Technical Evaluation - Supply & Delivery of Electrical Power Cabling

### Functionality Threshold Evaluation (Technical)=80%

- Evaluate submission against functionality criteria
- Rate submission against each criteria
- Apply the rating system and calculate total functionality score
- Data sheets supplied will be scored as per line criteria

	Criteria	Weighting	Score
1	<b>Technical data sheets from the cable manufacturer that supplier going to use that contains the specified cable types below must be submitted. AS PER SANS 1507 , SABS 1339 FOR POWER CABLES AND IEC 287, IEC 60502 Eskom spec 240-56227443.</b>	100 %	
1.1	<p><b>1.1.1 EXX01XCV = 10%</b>            6,35/11kV Medium Voltage Cable, 630mm sq X 1 Core, Stranded Copper Conductors, XLPE insulated, individually copper tape screened, PVC bedded, steel wire armoured, PVC sheathed. Red Stripped Cable</p> <p><b>1.1.2 EXX01WCV = 10%</b>            6,35/11kV Medium Voltage Cable, 500mm sq X 1 Core, Stranded Copper Conductors, XLPE insulated, individually copper tape screened, PVC bedded, steel wire armoured, PVC sheathed. Red Stripped Cables</p> <p><b>1.1.3 EXX01QCV = 10%</b>            6,35/11kV Medium Voltage Cable, 120mm sq X 1 Core, Stranded Copper Conductors, XLPE insulated, individually copper tape screened, PVC bedded, steel wire armoured, PVC sheathed. Red Stripped Cable.</p> <p><b>1.1.4 EXX03QCV = 10%</b>            6,35/11kV Medium Voltage Cable, 120mm sq X 3 Core, Stranded Copper Conductors, XLPE insulated, individually copper tape screened, PVC bedded, steel wire armoured, PVC sheathed. Red Stripped Cable</p> <p><b>1.1.5 EXX01RCV = 10%</b>            6,35/11kV Medium Voltage Cable, 150mm sq X 1 Core, Stranded Copper Conductors, XLPE insulated, individually copper tape screened, PVC bedded, steel wire armoured, PVC sheathed. Red Stripped Cable</p> <p><b>1.1.6 EXX03NCV = 10%</b>            6,35/11kV Medium Voltage Cable, 700mm sq X 3 Core, Stranded Copper Conductors, XLPE insulated, individually copper tape screened, PVC bedded, steel wire armoured, PVC sheathed. Red Stripped Cable.</p>	100%	

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**1.1.7 EXX01UCM = 10%**

6,35/11kV Medium Voltage Cable, 300 mm sq X 1 Core, Stranded Copper Conductors, XLPE insulated, individually copper tape screened, PVC bedded, steel wire armoured, Low Halogen PVC sheathed. Blue Stripped Cable

**1.1.8 CXX01XCV = 10%**

3.3 kV Medium Voltage Cable, 630mm sq X 1 Core, Stranded Copper Conductors, XLPE insulated, individually copper tape screened, PVC bedded, steel wire armoured, PVC sheathed. Red Stripped Cable

**1.1.9 CXX03QCV = 10%**

3.3kV Medium Voltage Cable, 120mm sq X 3 Core, Stranded Copper Conductors, XLPE insulated, individually copper tape screened, PVC bedded, steel wire armoured, PVC sheathed, Red Stripped Cable.

**1.1.10 CXX03NCV = 10%**

3.3kV Medium Voltage Cable, 70mm sq X 3 Core, Stranded Copper Conductors, XLPE insulated, individually copper tape screened, PVC bedded, steel wire armoured, PVC sheathed. Red Stripped Cable

- **No Datasheet = 0% allocation**
- **Datasheet not in accordance with SANS Spec = 0% allocation**
- **Incomplete Datasheet = 0% allocation**
- **Inaccurate Datasheet = 0% allocation**

**Evaluation will be done on either 0% allocation or full % allocation per line item.**

**TOTAL SCORE**

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**Approved by:**

**Ostler Mkhonto**  
**Senior Quality Officer**

Signature: *OAMkhonto*

Date: 28/09/2022

**Joseph Ledwaba**  
**Construction Site Manager**

Signature:

*JL*

Date: 28/09/2022

**Ezile Mnukwa**  
**Engineer Electrical**

Signature:

*Emnukwa*

Date: 28/09/2022

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