




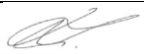


SHEDDING (STREET) SHORE SUPPLY SPECIFICATION					 <b>prasa</b> <small>PASSENGER RAIL AGENCY OF SOUTH AFRICA</small>
File Ref					
Creation Date	20/05/2011		Last Edit Date	07/06/2012	
Doc No.& Version		Author	S. Jali		
		Approved	T. Mokoena		




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## 1. Scope:

This specification covers PRASA requirements applicable for Shedding Street shore supply installation.

## 2. Purpose:

Rolling Stock environment requires Shore supply for connecting Trains to an external power source while stationary, typically in depots or sidings, for purposes of battery charging and/or powering auxiliary systems.

## 3. Definitions.

**3.1 PRASA:** Passenger Rail Agency of South Africa.

## 4. Scope of Supply.




**4.1** Tenders are hereby invited for supply and installation of 2x4 shore supplies on the eastern side of shedding street and maintenance of the existing depot shore supplies.

- It must be able to charge two units at the same time (Back-to-Back).
- It must be covered to protect it from different weather conditions (IP65).
- Charging cord should be at least 5 m long and fitted with both male and female plugs.

SAMPLE PICTURE



Model:	2 Way Track side Shore Supply
Voltage:	400V 3 phase 50hz
Incomer Rating:	1000 Amps per phase
Outgoing Way Rating:	160A per Phase set at 125A
Load Limit:	400A/phase

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## 5. Compliance and standards:

### 5.1 Guarantee and Inherent Defects:

- 1.1.1. Until such time as the guarantee of the device has expired, i.e. 2 years, the Supplier shall be entirely responsible for all defects occurring from the product quality.
- 1.1.2. The Supplier shall guarantee that each defective unit will be repaired and returned to service within 10 (ten) working days, from being notified of the defect.

### 5.2 Document Management:

- 5.2.1 Detailed drawings of structural, lay-out, mechanical, Electrical and Operation.
- 5.2.3 Technical data and specification for all equipment/machinery installations: rating and values
- 5.2.4 The Supplier shall provide detailed operational, maintenance and training manual.
- 5.2.5 All documents must be in English.

### 5.3 Training

- 5.3.1 The supplier shall provide PRASA with detailed and comprehensive training on the use and operation of the equipment / Machines, as per PRASA minimum requirement.

**End of Document**