

SHEDDING (STREET) SHORE SUPPLY SPECIFICATION					 prasa PASSENGER RAIL AGENCY OF SOUTH AFRICA
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.

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