

**Date:** 26/7/2013**REQUEST FOR QUOTE****Nº PRO-12-0652-1**

**Manufacturer:** THEO BENNING ELEKTROTECHNIK UND ELEKTRONIK GMBH & CO.KG  
**Contact:** Ricardo Hartbrecht  
**Client:** ABB S.A.  
**Project:** Ampliación de SE Bayovar 138/60/22,9 kV  
**Our Reference:** 0496-ETT-1

Item	Quantity	Product description	
1	1	<b>Banco de baterías Niquel-Cadmio Selladas 125VDC, 110Ah</b>	
		Nominal voltage	125 V
		Capacity	110 Ah
		Cell Quantity	97
		Life time	25 Años
		Rack Type	ESGL 3-3900
		System Type	NiCd
2	1	<b>Cargador rectificador Trifásico 125VDC, 40A</b>	
		Input Voltage	380 V
		Phases	3
		Output voltage DC	125 V
		Output Current	40 A
		Frequency	60 Hz
		Enclosure measures	1500x600x600
		Battery Type	NiCd
		Counter Cell	125vdc +/- 10%, 25A
		Installation altitude	1000 msnm
		Redundancy	SI. 02 MODULOS DE 20A
		Rectification method	FUENTE CONMUTADA
3	1	<b>Cargador rectificador Trifásico 125Vdc, 30A</b>	
		Input Voltage	380 V
		Phases	3
		Output voltage DC	125 V
		Output Current	30 A
		Frequency	60 Hz
		Enclosure measures	1500x600x400
		Battery Type	NiCd
		Counter Cell	125VDC +/- 10%, 25 A
		Installation altitude	1000 msnm
		Redundancy	NO
		Rectification method	TIRISTORES