

**Specification for Welding Inverter against enq no 2760763E/06.10.2016**

Specification for Welding Inverter (Inverter type manual metal arc welding)		Supplier's Acceptance or Remarks
Welding Inverter	15 nos	
* Input power supply	- 3phase- 415V- 50hz- 3wire,	
* Max. output current	- 350 Amp or more	
* 100% Duty cycle current	- 220A or more	
* No load voltage	- 40 to 70V,	
* Power control device	- IGBT,	
* Inverter freq.	- 20 kHz,	
* weight of Machine	- ~35kg,	
* Cooling Arrgt.	- forced cooling fan,	
* Welding cable (copper) 50mm ²	- Minimum 15mtrs. With Electrode Holder,	
* Earthing cable (copper) 50mm ²	- Min. 5mtr,	
* Protection	- IP23C or more,	
* Insulation class	- H,	
* Input power cable (copper)	- 5mtrs.,	
* output terminals	- plug in type,	
* Indicator	- Digital indicator of arc voltage, current, faults.	
* Mobility	- portable / wheel	
* Remote control	- wired with plug, current control 0-100%	
* Max. size of weld rod 5mm flux core / coated electrode		
* Short circuit protection,		
* Current control - infinitely adj. output current		
* Digital start & stop,		
* Automatic line voltage compensation,		

Signature and Office Seal of Vendor



Purchase department

Bharat Heavy Electricals Limited,

Boiler Auxiliaries Plant, Ranipet - 632 406, **INDIA.**

(A Government of India Undertaking)

Price Bid format for Welding Inverter 350Amp as per enquiry no 2760763E

Sl no	Description	QTY	<u>Rate in INR per unit</u>
01	Welding Inverter 350Amp main unit	15 No	
02	Welding cable (copper-50mm2)-- length of 15.0 metre for one unit	15x15 metre	
03	Earthing Cable(copper-50mm2)-- length of 5.0 metre for one unit	5x15 metre	
04	Copper Holder—01 no for each inverter	01x15 nos	
05	Earth clamp-- 01 no for each inverter	01x15 nos	
06	Excise Duty in percentage		
07	VAT in percentage		
08	CST in percentage with “C” form in percentage		
09	CST in percentage without “C” form in percentage		
10	Total		

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