



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

MATERIALS MANAGEMENT / CAPITAL EQUIPMENT

ENQUIRY – Corrigendum 2			Phone: +91 431 257 7653 Email : skaruna@bheltry.co.in ajay@bheltry.co.in Web : www.bhel.com
NIT No. 35611	Enquiry Number: 2631700092	Enquiry Date: 16.11.2017	Revised Due date for submission of quotation: 15.12.2017
You are requested to quote the Enquiry number date and due date in all your correspondences. This is only a request for quotation and not an order.			
Item	Description	Quantity	
10	IGBT based Inverter Controlled Welding Power source with full digital control for SMAW & Pulsed TIG welding (400 amps) with TIG torch cable length 8 meters	11 Nos.	
20	IGBT based Inverter Controlled Welding Power source with full digital control for SMAW & Pulsed TIG welding (400 amps) with TIG torch cable length 16 meters	02 Nos.	
30	IGBT based Inverter Controlled Welding Power source with full digital control for SMAW & Pulsed TIG welding (400 amps) with TIG torch cable length 20 meters	01 No.	

Details of Corrigendum

The following clauses of the technical specification(Part-B) for Line Item 10, 20 and 30 have been revised as follows:-

Item	Clause No	BHEL SPECIFICATION (amended and should be read as)
10	2.7	Welding power source shall be fully digitally controlled, with suitable display and setting features. The power source shall have a microprocessor based control system. Fully Digitally control:- All functions and characteristics of the Welding Power Source shall be loaded to a processor and the output control signal be generated by the software. The arc dynamics and the functioning of the Welding Power Source shall thus be fully generated by the embedded processor and the system hardware is to execute ONLY the control action. Both current and voltage signals are to be fed to the processor and the processor is to decide on the control action based on algorithm. The communication between the processor and the hardware is to be made free from interference and disturbances. All components / sub systems in the Welding Power Source should be receiving signals only from the Processor and all communication to other sub systems are to be routed through the Processor. The digital setup should ensure insensitiveness to voltage fluctuations, temperature drift during welding operation. The software/algorithm used in the machine should be reprogrammable through an external device and factory restore settings made available
20	2.7	
30	2.7	



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through a hardware switch on the system.

The vendor to indicate the type of processor used, digital control architecture in the hardware, communication protocol, digital pulse signal used for triggering circuits, type of component (IGBT etc.) in the design. It is to be noted that mere Inverter based system design or digital display of operating parameters or presence of a processor in the hardware will not qualify for the description of "fully digitally controlled" machine.

The digital control feature to be explained by the vendor.

All other terms and conditions and specifications as published in the NIT_35611 remain unaltered.

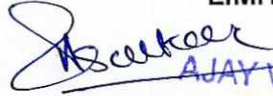
Tenders should reach us before 14:00 hours on the due date

Tenders will be opened at 14:30 hours on the due date

Tenders would be opened in presence of the tenderers who have submitted their offers and who may like to be present

Yours faithfully,

For **BHARAT HEAVY ELECTRICALS
LIMITED**


AJAY V. ASALKAR

Sr. MANAGER

MM / Capital Equipment

BHEL, Tiruchirappalli - 620 014

Sr. Manager / MM / Capital Equipment