



Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

MATERIALS MANAGEMENT / CAPITAL EQUIPMENT

An ISO 9001
Company

ENQUIRY – Corrigendum 1		Phone: +91 431 257 7653 Email : skaruna@bheltry.co.in ajay@bheltry.co.in Web : www.bhel.com	
NIT No. 35760	Enquiry Number: 2741700008	Enquiry Date: 24.11.2017	Due date for submission of quotation: 16.12.2017
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	Dry Block Temperature Calibrator as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or https://eprocure.gov.in/epublish/app)		01 No.
Details of Corrigendum			
The following clauses of the technical specification(Part-B) have been revised as follows:-			
BHEL SPECIFICATION (amended and should be read as)			
Sl No	Parameter	BHEL's Requirement	Vendor's Offer
1.14	Temperature read out with the following features:		
	Type	External Temperature Scanner	
	Purpose	To communicate with dry block calibrator and PC for full automatic calibration of minimum 4 thermocouples simultaneously.	
	No. of Channels for simultaneous calibration of thermocouples	Minimum 8 channel with master reference thermocouple input and with a facility to expand in future.	
	Scanning Rate	Minimum 2 channels per second	
	Calibration Facility	Automatic calibration using dry block	
	Input	Universal input (RTD, Thermocouple ('K' type, 'R' type), Thermistors etc.)	
	Temperature Display Accuracy	±1 deg C or better	
	Display	Display the SET and READ temperatures simultaneously for all the thermocouples. Display should show error messages/ alarms.	
Communication	RS232 or any other suitable communication interface for communication with PC. Suitable cable to be supplied.		



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	Software	Necessary softwares should be provided by the vendor for interfacing the temperature scanner with the dry block calibration furnace and for recording the calibration data of each sensor in the PC and generating calibration reports. The calibration data should be saved in Microsoft Excel format/ PDF. PC with Windows7 operating system will be provided by BHEL.		
	Calibration Certificate	Traceable to NABL accredited lab or equivalent to National/ International standard.		
	Power supply	230 V, 50 Hz AC		
1.25	Accessories	Power cable, connecting leads, master thermocouple ('R' type with valid calibration certificate from labs traceable to national/ international standards), Carrying case, thermowells etc. Master thermo couple should comply to the following features:		
		a. Type: R Type		
		b. Range: 0 to 1400 deg C. vendor to confirm		
		c. Accuracy : ± 0.75 deg C or better. Vendor to specify.		
		d. Calibration certificate: Calibration certificate from NABL accredited lab should be supplied along with the material.		
	All other terms and conditions and specifications as published in the NIT_35760 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