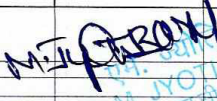


		BHARAT HEAVY ELECTRICAL LIMITED			
		RAMACHANDRAPURAM :: HYDERABAD-32			
SPECIFICATION FOR					
GAUGE BLOCK CALIBRATOR					
Ref:	HY/QC/CGC/16-17			Date: 20.10.2016	
SCOPE: SUPPLY AND COMMISSIONING OF GAUGE BLOCK CALIBRATOR					
SNO	DESCRIPTION FOR BHEL REQUIREMENT	SPECIFIED / TO BE CONFIRMED BY	OFFERED	DEVIATIONS	REMARKS
1.0	PURPOSE OF THE EQUIPMENT				
1.1	Calibration of Gauge Blocks of range 0.5 mm to 100 mm complying to latest standard of IS 2984 / ISO 3650	vendor to confirm			
2.0	SCOPE				
2.1	Supply and Commissioning of the Gauge Block Calibrator at BHEL, Hyderabad works including training.	vendor to confirm			
3.0	SPECIFICATION:				
3.1	Measuring Range: 0.5 mm - 100 mm	vendor to confirm			
3.2	Resolution : 0.01 micron	vendor to confirm			
3.3	Measurement Uncertainty : +/- 0.03 micron	vendor to confirm			
3.4	Online data acquisition during calibration	vendor to confirm			
3.5	Calibration Report generation in the format complying to ISO/IEC 17025	vendor to confirm			
3.6	All necessary Software and Hardware along with the equipment for Calibration of Gauge Blocks ranging from 0.5 mm - 100 mm.	vendor to confirm			
4.0	ACCESSORIES				
4.1	All necessary Software and Hardware along with the equipment for Calibration of Gauge Blocks ranging from 0.5 mm - 100 mm.	vendor to confirm			
5.0	COMMISSIONING				
5.1	Supplier shall Commission the above Equipment at BHEL, RC Puram, Hyderabad	Vendor to confirm			
6.0	DOCUMENTATION: Following documents shall be supplied by the vendor				
6.1	Operating instruction manual - in English - 5 copies	Vendor to confirm			
6.2	Calibration certificate of the equipment issued by NABL accredited laboratory.	Vendor to confirm			
7.0	PROVEOUT AND TRAINING				
7.1	Training at BHEL, RC Puram, Hyderabad on operation and maintenance of Gauge Block Calibrator for three days	Vendor to confirm			
7.2	Proveout: Equipment shall be proved for all sizes of Gauge Blocks within the range 0.5 mm to 100 mm.	Vendor to confirm			
7.3	Guarantee: 24 Months from date of commissioning	Vendor to confirm			
7.4	Delivery: within 4 months after placement of order	Vendor to confirm			
8.0	QUALIFYING CONDITIONS/ REFERENCE LIST:				
8.1	Only those vendors who have supplied and commissioned at least one quoted model of the equipment and it has been working satisfactorily for more than one year after commissioning. Quoted model shall not be older than 5 years (equipment shall not be launched before 1st Jan 2011) . Vendor shall furnish the following details of such customer with contact person/s' details, order copies and performance certificate of the referred equipment. This is required from all the Vendors for qualification of their offer.	Vendor to confirm			
8.2	Name of the customer/ company where referred instrument is installed.	Vendor to Furnish.			
8.3	Complete postal address of the customer.	Vendor to Furnish.			
8.4	Month and year of commissioning.	Vendor to Furnish.			
8.5	Model of equipment supplied and application for which the equipment is supplied.	Vendor to Furnish.			
8.6	Name and designation of the contact person of the customer.	Vendor to Furnish.			
8.7	Phone, FAX no. and email address of the contact person of the customer.	Vendor to Furnish.			
8.8	Performance certificate from the customers for the quoted model regarding satisfactory performance of equipment for min one year from the date of commissioning. Performance certificate shall contain model no, date of commissioning.	Vendor to submit.			
8.9	BHEL reserves the right to verify the information provided by vendor. In case the information provided by vendor is found to be false/incorrect, the offer shall be rejected.	Vendor to accept & confirm.			


 M. JYOTI BASU
 Sr. Manager / QC, CGC, 07.210
 BHEL, HYD-32