



BHARAT HEAVY ELECTRICALS LTD.,
CORPORATE R&D DIVISION
VIKAS NAGAR, HYDERABAD-500093 (INDIA)

TECHNICAL SECTION
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SPEC.NO
RD/HVE/SPEC/10/027

SPECIFICATION CUM COMPLIANCE CERTIFICATION FOR SPECTRUM ANALYZER

Important

1. Vendor must submit complete information against clauses Nos 20.0 and 21.0. The offer meeting these clauses would only be processed.
2. The offer and all documents enclosed with offer should be in English language only.
3. BHEL reserves the right to verify the information submitted by the vendor. The offer with false/ incorrect/incomplete information may be rejected.
4. Vendor shall sign and stamp all sheets
5. Offers submitted shall be valid for a period of minimum 8(eight) months from date of commercial bid.
6. Revised technical bid may be necessary should the specification needs up gradation/ modification on technical scrutiny.
7. Vendor shall only give conformation to all points in the specification. No deviation is acceptable. Any additional details shall be separately provided.

ADDRESS OF THE SUPPLIER :	ADDRESS OF THE INDIAN AGENT :
TELEPHONE NOS.:	TELEPHONE NOS.:
FAX NOS.:	FAX NOS.:
CONTACT PERSON:	CONTACT PERSON:
E-MAIL ADDRESS :	E-MAIL ADDRESS :

SCOPE:	Design, supply, commissioning and training of Spectrum Analyzer.
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Quantity required:	ONE
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Serial No.	DESCRIPTION OF REQUIREMENT	DESIRED ACTION	OFFERED BY THE VENDOR	DEVIATIONS (IF ANY, ELSE PRINT NONE)	Remarks
1.0	Purpose : This facility will be used in the laboratory to measure and analyse the high frequency pulses in the frequency domain.	Vendor to note			
2.0	Frequency Range : 100 KHz to 6 GHz	Vendor to confirm			
3.0	Resolution Bandwidth : 300 Hz to 5 MHz .	Vendor to conform			
4.0	Viedo bandwidth : 10 Hz to 3 MHz	Vendor to conform			
5.0	Maximum safe input level : +30 dBm	Vendor to conform			
6.0	Input terminal : RF input , N female, 50 Ohm	Vendor to conform			

Serial No.	DESCRIPTION OF REQUIREMENT	DESIRED ACTION	OFFERED BY THE VENDOR	DEVIATIONS (IF ANY, ELSE PRINT NONE)	Remarks
7.0	Calibration: Calibration certificate has to supplied along with the equipment.	Vendor to conform			
8.0	Interface to computer: USB/serial	Vendor to conform			
9.0	Power supply : 230 V AC , 50 Hz	Vendor to conform			
10.0	Type: Table top	Vendor to conform			
11.0	Weight :	Vendor to indicate			
12.0	Size of Display Unit	Vendor to indicate			
13.0	DisplayResolution	Vendor to indicate			
14.0	Safety: Shock proof, Vibration proof and other safety requirements.	Vendor to conform			
15.0	Documentation: Four sets of following documents (Hard Copies) in English should be supplied along with the machine. 1.Operating manuals . 2. Maintenance manual . 3.Test and Guarantee certificates	Vendor to conform			

Serial No.	DESCRIPTION OF REQUIREMENT	DESIRED ACTION	OFFERED BY THE VENDOR	DEVIATIONS (IF ANY, ELSE PRINT NONE)	Remarks
16.0	Training: BHEL engineers to be trained for acquaintance on operation and maintenance of supplied equipment at the indenter's premises,	Vendor to conform			
17.0	Commissioning and Demonstration: Required items for the commissioning of equipment shall be brought by vendor .	Vendor to conform			
18.0	Performance Guarantee : 12 months from the date of commissioning and acceptance of equipment.	Vendor to conform			
19.0	Service after sales: The vendor should provide service after sale.	Vendor to conform			
20.0	Detailed catalogue, sketch / photographs of the equipment and accessories / attachments should be submitted with the offer	Vendor to conform			
21.0	Qualification Requirements: The supplier must be an international repute. The design of the equipment must be proven and in operation for three years without any technical problems. The vendor must have service outlets/ service personnel in India to support the equipment as and when required by BHEL. A customers; reference list shall be provided.	Vendor to conform			