

Incident No: C/6180/2015/2583/T

Annexure-ATechnical Specification: Bench Top LCR Meter, Qty: 1 Set

Sr. no.	Description	Details
1.00	Make of Bench Top LCR Meter	
2.00	Model No of Bench Top LCR Meter	
3.00	Technical specifications :	
3.01	Frequency Range: 40 Hz or less to 100 KHz or more	
3.02	Frequency Steps: 10 Hz or less	
3.03	Parameters to be measured: Impedance (Z), Phase angle, Capacitance Series, Capacitance Parallel, Inductance Series, Inductance Parallel, Resistance Series, Resistance Parallel, Quality Factor (Q), Dissipation Factor (D)	
3.04	Measurement Range: Capacitance: 1 pF or Less to 0.1 F or more Inductance: 1 μ H or less To 100 H or more Resistance: 1 m Ω or less to 99 M Ω or more	
3.05	Measurement Accuracy: ± 0.1 % or better	
3.06	Measurement time: 40ms or less	
3.07	Display :Backlit LCD display of size 3 inch or more	
3.08	Internal DC bias: 2V or better	
3.09	Operating Temperature= 0°C to $+40^{\circ}\text{C}$	
3.10	Language= English	
3.11	Power Supply =100-240V, 50/60 Hz $\pm 10\%$	
4.00	Warranty:	
4.01	Min 1 year from the date of commissioning.	

Sr. no.	Description	Qty Required
5.00	Accessories	
5.01	SMD tweezers for measuring SMD components	2 no.
5.02	Crocodile / standard 4 terminal clips for measuring other components	2set
5.03	Power cord of length 3m	1 no.
6.00	Documentation	
6.01	Hard copy of Operation and maintenance guide	1 no.
7.00	Acceptance Criteria	
7.01	Bench top LCR meter will be finally accepted after successful demonstration and user training on all of its features for one day at BHEL Haridwar.	

W. Singh
G.M (WEX-Maint. Pk)
13/07/15

(S)
9/7/15
(B.S. Gera)
Sr. Mgr (WEX-CNC)

Rajeev Kumar
9.7.15
Rajeev Kumar
ENGR (WEX-CNC)

A

Indent NO: C/6180/2015/2583/T


Annexure-C

Pre-Qualifying Requirement (PQR)

Offers from venders fulfilling following conditions will be further processed

1. OEM of offered equipment should be of international repute i.e. it should be having registered office/ manufacturing unit/ service center / sales office outside India also. Vender must submit document issued by government of that country in support of the same along with offer.
2. Vender must submit the document that OEM of the equipment has service and repair setup in India and will provide the services during warranty period.
3. Offers can be submitted by any of the following
 - i) OEM of the Equipment.
 - ii) Authorized supplier/ distributor/retailer/ stockiest/ channel partner of the OEM.

Chandel
04/08/15
(K.K. Mandel)

(B) 
C.B.S. CHARG
31/7/15