



HRAS - PROCUREMENT

REQUEST FOR QUOTATION

Sealed Bidding

PR No.: BPS - 52757

Date: 10/18/2022

R.F.Q. No.: 202210-12173

Delivery 6 weeks upon receipt of PO

Gentleman:

Please quote hereunder your lowest possible price(s) for the following item(s) which is/are urgently needed by this office. It is requested that the quotation be signed, sealed or stamped and submitted to the Supply Section, Ground Floor Department of Trade and Industry, 361 Sen. Gil J. Puyat Avenue, Makati City, Metro Manila.

NO	QUANTITY	UNIT	ARTICLE	UNIT PRICE	TOTAL PRICE
	1.0	LOT	Provision of Goods Supply and Delivery of One (1) Lot LCR Meter SPECIFICATIONS Test frequency: 10 Hz 200 KHz ($\pm 0.01\%$) 4 digits resolution Selectable output impedance 30 , 50 , 100 Basic Accuracy: 0.05% Test Signal Levels: AC Voltage: 10.00mV 2.00V ($\pm 10\%$) CV: 10.00mV 2.00V ($\pm 6\%$) Current: See attached TS. DC Bias: $\pm 2.5V$ ($0.5\% + 0.005V$) Display Range: See attached TS Test Mode: See attached TS 2 Selectable Monitor Parameter: See attached TS		

Remarks All items should be treated as one lot. ABC is Php 152,000.

Prepared by:

ILEEN P. VISTA
ADMIN OFFICER IV

Very truly yours,

MARY ANN D. YULAS
SUPERVISING ADMIN.
OFFICER

DTI SHOPPING COMMITTEE

Department of Trade and Industry

As per your request, I/We have indicated the prices of the above mentioned articles on the Unit Price and Total Price columns.

Date Submitted

Signature over Printed Name

POSITION:

COMPANY:



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NO	QUANTITY	UNIT	ARTICLE	UNIT PRICE	TOTAL PRICE
			<p>BIN Function: Comparator (9BIN,AUX:1BIN) Memory: INT panel setting 10 file name INT measured data 10000 Data(.csv) USB storage 10 file name for setting, 9999 file name for data, 999 Log file for LCD screen</p> <p>Auto Level Control: On/Off Average: 1-256 times Trigger: INT / MAN / EXT / BUS Delay: 60s max Judgment: Pass / Fail LCD Display Interface: RS-232(SCPI), Handler, USB Host/Device Auto LCZ: On/Off Screen Capture: as Bmp file to USB</p>		

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NO	QUANTITY	UNIT	ARTICLE	UNIT PRICE	TOTAL PRICE
			Power supply: 100 - 240 V AC, 50-60 Hz, Max 15 W Includes safety sheet, power cord, compatible test fixture and pc software. With calibration certificate from an ISO/IEC 17025 accredited calibration laboratory ACCESSORIES Test Lead with Alligator clip (2 wire type) Compatible with the LCR meter		

*****NOTHING FOLLOWS*****

Remarks All items should be treated as one lot. ABC is Php 152,000.

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Date Submitted

Signature over Printed Name

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COMPANY:

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HUMAN RESOURCE AND ADMINISTRATIVE SERVICE

G/F, Trade and Industry Building, 361 Sen Gil J. Puyat Ave., City of Makati* 1200 Philippines
Tels. (632) 751-4997, 751-0384 loc. 2111, Fax (632) 895-3515, e-mail:procurement@dti.gov.ph

Technical Specifications

Supply and Delivery of One (1) Lot LCR Meter

I. PURPOSE

The procurement of the LCR meter is needed by the electrical laboratory to measure electrical properties of wires and other electrical and electronic components.

II. SPECIFICATIONS

Bidders shall state either "Complied" or "Did not comply" opposite each specification requirement to state the corresponding performance of the equipment offered. Statements of "Complied or Comply" shall be supported with evidence/s on the Bidders Bid. Evidence/s shall be in the form of manufacturer's un-amended sales literature, certificates, reports, statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate.

1-LOT SUPPLY AND DELIVERY OF LCR METER		
COMPONENTS	SPECIFICATIONS	COMPLIANCE
LCR meter	1. Test frequency: 10 Hz – 200 KHz ($\pm 0.01\%$) 4 digits resolution	
	2. Selectable output impedance 30 Ω , 50 Ω , 100 Ω	
	3. Basic Accuracy: 0.05%	
	4. Test Signal Levels: AC Voltage: 10.00mV – 2.00V ($\pm 10\%$) CV: 10.00mV – 2.00V ($\pm 6\%$) Current: 100.0 μ A- 20.00mA ($\pm 10\%$) CC :100.0 μ A- 20.00mA($\pm 6\%$) (@2VMax) DCR: +2V, 0.066A(Max.), Output impedance fixed 30 Ω	
	5. DC Bias: ± 2.5 V (0.5%+0.005V)	
	6. Display Range: R,X, $ Z $ - 0.00001 Ω ~ 99.9999M Ω G, B, $ Y $ - 0.01nS ~ 999.999S L - 0.00001 μ H ~ 9999.99H C - 0.00001pF ~ 9999.99mF D - 0.00001 ~ 9.99999 Q - 0.00001 ~ 99999.9 θ_d -179.999 $^\circ$ ~ 179.999 $^\circ$ θ_r - -3.14159 ~ 3.14159 DCR - 0.00001 Ω ~ 99.9999M Ω $\Delta\%$ - M Ω -99999% ~ 99999%	
	7. Test Mode: (16 Combinations) Cs-Rs, Cs-D, Cp-Rp, Cp-D, Lp-Rp, Lp-Q, Ls-Rs, Ls-Q, Rs-Q, Rp-Q, R-X, Z- θ_r , Z- θ_d , Z-D, Z-Q, DCR	
	8. 2 Selectable Monitor Parameter: Z, D, Q, Vac, Iac, Δ , $\Delta\%$, θ_r , θ_d , R, X, G, B, Y	
	9. BIN Function: Comparator (9BIN,AUX:1BIN)	
	10. Memory: INT – panel setting 10 file name INT – measured data 10000 Data(.csv) USB storage 10 file name for setting, 9999 file name for data, 999 Log file for LCD screen	

	11. Auto Level Control: On/Off	
	12. Average: 1-256 times	
	13. Trigger: INT / MAN / EXT / BUS	
	14. Delay: 60s max	
	15. Judgment: Pass / Fail	
	16. LCD Display	
	17. Interface: RS-232(SCPI), Handler, USB Host/Device	
	18. Auto LCZ: On/Off	
	19. Screen Capture: as Bmp file to USB	
	20. Power supply: 100 - 240 V AC, 50-60 Hz, Max 15 W	
	21. Includes safety sheet, power cord, compatible test fixture and pc software.	
	22. With calibration certificate from an ISO/IEC 17025 accredited calibration laboratory	
ACCESSORIES		
<i>Test Lead with Alligator clip (2 wire type)</i>	23. Compatible with the LCR meter	

III. ADDITIONAL REQUIREMENTS

The reliability of the equipment to be procured is of BPS-PTD's utmost interest, hence additional requirements are set for further compliance. Statements of compliance are as indicated in Section II.

REQUIREMENTS		COMPLIANCE
1.	The LCR meter and accessories shall be from a single manufacturer to ensure operational compatibility.	
2.	The manufacturer has a world-wide reputation in the field of measuring instruments. The company profile shall be submitted.	
3.	The brand to be supplied is widely used by companies/institutions worldwide. A list of well-known clients shall be provided.	
4.	The local distributor has been in the business of sales and servicing of high quality electrical and electronic measuring equipment for more than 10 years and shall be able to address the End-user's concerns regarding aftersales services like trouble shooting, repair and overseas calibration.	
5.	Local distributor shall provide at least one year warranty against manufacturer defects.	

IV. AFTERSALES SERVICE

During the Warranty period, the Supplier upon proper notification of BPS-PTD shall:

1. Send expert technical assistance within two (2) calendar days to verify and troubleshoot the issue upon notification;
2. Bear all expenses arising from this repair/replacement;
3. Immediately notify BPS-PTD in case the Equipment cannot be repaired on site;
4. Notify BPS-PTD the estimated time for repair/replacement but the period for repair/replacement shall not be longer than four (4) weeks from the dispatch date of the defective and/or damaged items;

5. Bear all costs arising from or in connection with the repair and/or replacement, including but not limited to customs duties, taxes and transportation fees; and
6. Extend the warranty period in days, from the day the issue has been reported to the day the repair/replacement has been successfully made, after the verification of the issue.

V. DUTIES AND RESPONSIBILITIES OF THE SUPPLIER

1. Supply the above-mentioned equipment with the specifications equal to or better than as specified;
2. Conduct operations training for the BPS-PTD personnel;
3. Conduct equipment preventive maintenance training;
4. Supply calibration certificate of the equipment;
5. Provide at least two (2) copies of the operations and training manual/documentation in printed (hard copy) and electronic (soft copy) formats; and
6. Customer concerns shall have response within one (1) day upon receipt of notification. Expert technical assistance shall be available within two (2) days.

VI. APPROVED BUDGET FOR THE CONTRACT

The approved budget for the contract is **PhP152,000.00** inclusive of government taxes and other charges.

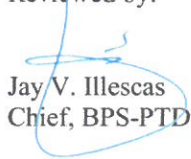
VII. MODE OF PROCUREMENT

The mode of procurement shall be as per the applicable provisions under Republic Act (RA) No. 9184 and its Revised Implementing Rules and Regulations (IRR) of 2016.

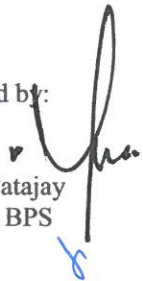
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