



Republic of the Philippines
BULACAN STATE UNIVERSITY
City of Malolos

BIDS AND AWARDS COMMITTEE FOR GOODS, SUPPLIES, AND SERVICES

March 1, 2021

Bid Bulletin No. 1 Modification in the Schedule of Requirements and Technical Specification

This Bid Bulletin no. 1 is issued to modify or amend items in the Bidding Documents for project “**Procurement of Laboratory Equipment for the College of Engineering and College of Industrial Technology**” with reference no. **G-2021-08**. This shall form an integral part of the said Bidding Documents.

I. Section VI. Schedule of Requirements

Please see attached “new list” for the Schedule of Requirements

II. Section VII. Technical Specifications

Please see attached “new form” for the Technical Specifications

This Supplemental/ Bid Bulletin no. 1 is issued this 1st day of March, 2021 for guidance and information of all concerned.


Dr. DOLLY P. MAROMA

Chairperson, BAC for Goods, Supplies & Services

Received by the Bidder:

Signature over printed name/ Company

Date and time: _____

Section VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item Number	Description	Qty.	Unit	Delivered, Weeks/Months
	LOT 1			
1	Handheld LCD Digital Multimeter	18	unit	Sixty (60) Calendar Days upon receipt of Notice to Proceed.
	(See Technical Specification at Section VII) Contract Implementation: The supplier must advise the Supply Office of the delivery schedule at least three (3) calendar days before the actual delivery.			

Prepared by:

ENGR. GABRIEL ANGELO PASCUAL
Technical Working Group (COE)

Noted by:

DR. MA. MAGDALENA V. GATDULA
Dean, COE

I undertake to comply and deliver all the above requirements:

Company Name : _____
Address : _____

AUTHORIZED REPRESENTATIVE:

Signature : _____
Complete Name : _____
Date : _____

Section VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item Number	Description	Qty.	Unit	Delivered, Weeks/Months
	LOT 2			
1	Digital Storage Oscilloscope	10	unit	Sixty (60) Calendar Days upon receipt of Notice to Proceed.
2	Function Signal Generator	10	unit	
	(See Technical Specification at Section VII) Contract Implementation: The supplier must advise the Supply Office of the delivery schedule at least three (3) calendar days before the actual delivery.			

Prepared by:

ENGR. BERNARDO A. PANGILINAN
Technical Working Group (CIT)

Noted by:

DR. WARLITO M. GALITA
Dean, CIT

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Section VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item Number	Description	Qty.	Unit	Delivered, Weeks/Months
	LOT 3			
1	Optical Fiber Fusion Splicer Machine	2	unit	Sixty (60) Calendar Days upon receipt of Notice to Proceed.
	(See Technical Specification at Section VII) Contract Implementation: The supplier must advise the Supply Office of the delivery schedule at least three (3) calendar days before the actual delivery.			

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Section VII. Technical Specifications

Item	Description	Qty./unit	Statement of Compliance
	LOT 1		
1	Handheld LCD Digital Multimeter (COE)	18 units	Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB Clause 3.1(a) (iii) and/or GCC Clause 2.1(a) (ii).
	Measures True RMS, AC Current, AC Voltage, Capacitance, Continuity, DC Current, DC		
	Capable of testing resistance, continuity, frequency and capacitance		
	With integrated non-contact voltage detection		
	With automatic AC/DC voltage selection		
	With low input impedance to eliminate stray voltage		
	Large white LED backlight		
	Min/Max/Average to record signal fluctuations		
	Current measurement 20A (30 seconds momentary; 10A continuous)		
	With accurate low current measurements		
	With magnetic meter hanging strap		
	11A, 1000V FAST fuse		
	CAT III 600 V safety rated		
	DC Voltage Accuracy: 0.5% + 2d		
	AC Voltage Accuracy: 2.0% +3d		
	DC Current Accuracy: 1.0% +3d		
	AC Current Accuracy: 1.5% +3d		
	Resistance Accuracy: 1.5% + 2d		
	Diode Test Range: 2.000V		
	Diode Test Resolution: 0.001V		
	Diode Test Accuracy: 0.9% +2d		
	Capacitance Accuracy: 1.9% +2d		
	Display Count: 6000		
	Display Update: 4/sec		
	Bar Graph Segments: 33		
	Bar Graph Update: 32/sec		
	Addendum:		
	1. Brochure / catalogue of the items being offered		
	2. ISO Certification of Manufacturer		
	3. Manufacturer's Authorization Form or Certificate as Authorized Distributor/Reseller or Certificate of Registration as Manufacturer		
	4. Warranty Certificate from Manufacturer and/or Supplier/Authorized Reseller Minimum of Five (5) years of Parts and Services		
	5. Certificate of After Sales Service / Parts;		
	6. Very satisfactory performance rating from the concerned end-user unit (for previous supplier of BuSU) otherwise state “Not Applicable”		
	Contract Implementation:		
	The supplier must advise the Supply Office of the delivery schedule at least three (3) calendar days before the actual delivery.		

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ENGR. GABRIEL ANGELO PASCUAL
Technical Working Group (COE)

Noted by:

DR. MA. MAGDALENA V. GATDULA
Dean, COE

I undertake to comply and deliver all the above requirements are true and correct, otherwise, if found false either during evaluation or post-qualifications, he same shall give rise to automatic disqualification of our bid:

Company Name : _____
Address : _____

AUTHORIZED REPRESENTATIVE:

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Section VII. Technical Specifications

Item	Description	Qty./ unit	Statement of Compliance
	LOT 2		
1	Digital Storage Oscilloscope (CIT)	10 units	Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB Clause 3.1(a) (iii) and/or GCC Clause 2.1(a) (ii).
	Technical Specifications:		
	Number of Channels: 2		
	Bandwidth: 100MHz		
	Oscilloscope Type: Digital Storage		
	Power Source: 110-220v		
	Display Type: LCD		
	Minimum Vertical Sensitivity: 2mV/div		
	Maximum Vertical Sensitivity: 10/div		
	Minimum Time Base: 1ns/div		
	Screen Size: 5.7in		
	Sample Rate Random: 25 Gsa/s, 250MSa/s		
	Safety Category Level: CAT II		
	Vertical Resolution: 8 bit		
	Plug Type: Philippines		
	Safety Category: CAT II 300 V		
	Rise Time: 3.5ns		
	Safety Category Voltage: 300V		
2	Function Signal Generator (CIT)	10 units	
	Technical Specifications:		
	Maximum Frequency Range Sinewave: 12MHz		
	Minimum Frequency Range Sinewave: 0.1hz		
	Maximum Frequency Range Square Pulse and Arbitrary Waveform 12MHz		
	Maximum Frequency Range Square Pulse and Arbitrary Waveform 0.1MHz		
	Maximum Frequency Range Triangle/Saw: 1MHz		
	Minimum Frequency Range Triangle/Saw: 0.1Hz		
	Digital Frequency: Yes		
	Digital Amplitude and Offset: Yes		
	Internal Linear and Log Sweep: Yes		
	Variable Sweep: Yes		
	Internal and External Amplitude Modulation: Yes		
	FM Modulation: Yes		
	Time Base Accuracy: ±20ppm		
	Plug Type Philippines		
	Output Amplitude: 1mV Pk-Pk→ 10 V Pk-Pk, 2 mV Pk-Pk → 20 V Pk-Pk (Open Circuit)		
	Output Impedance >300(Output Disable) kΩ, 50 (Fixed)Ω		
	Maximum Operating Temperature +40°C		
	Frequency Range Square Pulse and Arbitrary Waveform 1.0hz→ 12 MHz		
	Interface Type USB		
	Input Impedance 1kΩ		

	<p>Addendum:</p> <ol style="list-style-type: none"> 1. Brochure / catalogue of the items being offered 2. ISO Certification of Manufacturer 3. Manufacturer's Authorization Form or Certificate as Authorized Distributor/Reseller or Certificate of Registration as Manufacturer 4. Warranty Certificate from Manufacturer and/or Supplier/Authorized Reseller Minimum of Two (2) years of Parts and Services 5. Certificate of After Sales Service / Parts; 6. Very satisfactory performance rating from the concerned end-user unit (for previous supplier of BuSU) otherwise state "Not Applicable" <p>Contract Implementation: The supplier must advise the Supply Office of the delivery schedule at least three (3) calendar days before the actual delivery.</p>		
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	Technical Specifications:		
	*5-inch TFT Digital High Quality color LED display, convenient for bi-directional operation		
	* Up to 400 times focus magnifications, making it is very easy to observe the fiber with naked eyes.		
	*configurable heating time and adjustable heating temperature.		
	*multi-mode and dispersion-shifted quartz optical fibers with a cladding diameter of 50µm-150µm.		
	*Include the USB interface cab charge mobile phone		
	Addendum: <ol style="list-style-type: none"> 1. Brochure / catalogue of the items being offered 2. ISO Certification of Manufacturer 3. Manufacturer's Authorization Form or Certificate as Authorized Distributor/Reseller or Certificate of Registration as Manufacturer 4. Warranty Certificate from Manufacturer and/or Supplier/Authorized Reseller Minimum of Two (2) years of Parts and Services 5. Certificate of After Sales Service / Parts; 6. Very satisfactory performance rating from the concerned end-user unit (for previous supplier of BuSU) otherwise state "Not Applicable" Contract Implementation: The supplier must advise the Supply Office of the delivery schedule at least three (3) calendar days before the actual delivery.		

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