

PURCHASE ORDER

QR-ADMPPS-04

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

DOST Compound, Gen. Santos Ave., Bicutan, Taguig City
DOST Trunkline: 837-2071 local 2220 / 2221

18-1416F

Supplier: LABTRADERS, INC.	P.O. No.: GF-E-538-2017
Address: #89 Jasmin St., Roxas District, Quezon City (3) PO-024	Date: December 29, 2017
	Mode of Procurement: Public Bidding
	Resolution No. ITDI-PB-170031
	PR # 10-2017-0236 ASC #

Gentlemen:

Please furnish this office the following articles to the terms and conditions contained herein:

Place of Delivery:	Metrology Bldg. (not later than 3:00 P.M.)	Delivery Term:	Ninety (90) days
Date of Delivery:		Payment Term:	

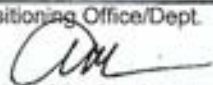
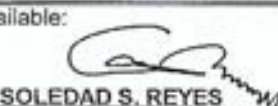
Stock No.	Unit	Description	Quantity	Unit Cost	Amount
1	unit	High Precision Climate Station for E1 Lab Model / Catalog No. : YCM16C Brand : Sartorius Origin : Germany Specifications: <u>Product properties</u> Weight: 6 kg Dimensions: 380 x 200 x 370 mm Repeatability: 0.005 Humidity measuring range: 0-100% Pressure measuring range: 4.35- 15.95 PSI Temperature measuring range: -22 - + 140°F Display : LCD Temperature sensor: PT100 KLB 1/3 DIN <u>Technical attribute</u> Digital outs: 4 (RS422 485 232) Interfaces - Communication port: LAN USB RS485 RS232 SD Card interface: 1 (FAT16) External air temperature sensor: Yes Air pressure sensor: Yes Power supply: 230 -115 V AC L 50 - 60 Hz External air humidity sensor: Yes Recommended operating temperature: 86°C Power consumption: <1.5 W Analog channels: 16	1	1,699,000.00	1,699,000.00

Page 1 of 4 pages

(Total Amount in Words)

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme: _____ (Signature over printed name) _____ (Date)	Very Truly yours,  MARIA PATRICIA V. AZANZA, Ph.D. Director
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Requisitioning Office/Dept.  AURORA V. KIMURA Chief-NMD	Funds Available:  SOLEDAD S. REYES Accountant IV	Amount ALOBS No. 1,699,000.00 2017122112
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18/103

PURCHASE ORDER
INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

QR-ADMPPS-04

DOST Compound, Gen. Santos Ave., Bicutan, Taguig City
 DOST Trunkline: 837-2071 local 2220 / 2221

18-1406

Supplier: LABTRADERS, INC.	P.O. No.: GF-E-538-2017
Address: #89 Jasmin St., Roxas District, Quezon City (3) PO-002	Date: December 29, 2017
	Mode of Procurement: Public Bidding
	Resolution No.: ITDI-PB-170031
	PR # 10-2017-0236 ASC #

Gentlemen:
 Please furnish this office the following articles to the terms and conditions contained herein:

Place of Delivery:	Metrology Bldg. (not later than 3:00 P.M.)	Delivery Term:	Ninety (90) days		
Date of Delivery:		Payment Term:			
Stock No.	Unit	Description	Quantity	Unit Cost	Amount
		TOTAL CARRIED FORWARD			1,699,000.00
		Long-term stability per year (humidity): < 1% Long-term stability per year (temperature): 0.05% Accuracy (humidity): 2 % Temperature readability: 0.001°C Pressure readability: 0.000014 psi Battery mode: 12 V 17 ah Output : 0...1 V Internal memory : 8 MB Humidity readability : 0.01 % Uncertainty, DAkKS (k=2) (humidity) : 0.51 % Accuracy (temperature) : 0.1 °C *****Features***** -Measures air density and room climate monitoring in a mass laboratory (up to E1) -Highly accurate climate data recording for all analog and digital sensors -8 MB data logger for up to 30 days of data recording -> 1 year data archiving -Monitors the accuracy class in accordance with OIML R111 -Online calculation of air density according to OIML R111 -Flexible, programmable signal processing and archiving of all sensor values -Battery operation for uninterrupted power supply and mobile use -Universal connection options to existig network structures via LAN, USB, RS-485,RS-232 -PC software for automatic synchronisation of climate data -Dew point calculation -Air density calculation -Flexible connection optios for up to 16 analog sensors and virtually any number of digital sensors -1 integrated air pressure sensor			

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(Total Amount in Words)

(Total Amount in Words)

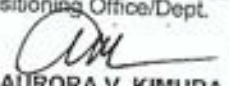
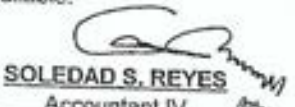
...and for delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

 (Signature over printed name)

 (Date)

Very Truly yours,
 for: 
MARIA PATRICIA V. AZANZA, PhD.
 Director

Requisitioning Office/Dept.  AURORA V. KIMURA Chief-NMD	Funds Available:  SOLEDAD S. REYES Accountant IV	Amount ALOBS No. <u>1,699,000.00</u> <u>2017122112</u>
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PURCHASE ORDER

QR-ADMPPS-04

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

DOST Compound, Gen. Santos Ave., Bicutan, Taguig City
DOST Trunkline: 837-2071 local 2220 / 2221

12-14-6F

Supplier:	LABTRADERS, Inc	P.O. No.:	GF-E-538-2017
Address: (3) <small>PO 222-2</small>	#89 Jasmin St., Roxas District, Quezon City	Date:	December 29, 2017
		Mode of Procurement:	Public Bidding
		Resolution No.	ITDI-PB-170031
		PR #	10-2017-0236
		ASC #	

Gentlemen:

Please furnish this office the following articles to the terms and conditions contained herein:

Place of Delivery:	Metrology Bldg. (not later than 3:00 P.M.)	Delivery Term:	Ninety (90) days	
Date of Delivery:		Payment Term:		
Stock No.	Unit	Description	Quantity	Unit Cost Amount
		TOTAL CARRIED FORWARD		1,699,000.00
		<ul style="list-style-type: none"> -1 external air humidity / temperature sensor -WEB and FTP server -4-line LCD display, 20 characters per line -Can be operated directly using the push knob or remotely via USB,LAN,RS-485,RS-232 -Firmware update via SD card <u>Special Performance Features</u> -Automatic air buoyancy correction -Manual input of climate data -Automatic climate data recording if a climate station is connected -Control of automatic mass comparators with a load alternator -Automatic time-delayed start -Database for weights -Generation of a measurement report -Calculation of the difference in mass, the standard deviation and uncertainties -ABA and ABBA cycles acc. to OIML R111 -1-99 cycles can be selected -Climate data recording and archiving for up to 16 channels <p><i>Includes the following:</i></p> <p>A. Temperature Sensor for YCM16C 1 Temperature sensor : PT100 KL.B/1/3 DIN Temperature measuring range : -30...+60°C Temperature readability : 0.001°C Accuracy : 0.1°C Long-term stability per year : 0.05%</p> <p>B. Humidity Sensor for YCM16C 1 Temperature sensor : 0 - 100%</p>		

Page 3 of 4 pages

(Total Amount in Words)

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Conforme:

(Signature over printed name)

(Date)

Very Truly yours,

for:
MARIA PATRICIA V. AZANZA, PhD.
Director

Requisitioning Office/Dept. AURORA V. KIMURA Chief-NMD	Funds Available: SOLEDAD S. REYES Accountant IV	Amount ALOBS No. P 1,699,000.00 2017122112
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PURCHASE ORDER

QR-ADMPPS-04

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

DOST Compound, Gen. Santos Ave., Bicutan, Taguig City
DOST Trunkline: 837-2071 local 2220 / 2221

12-1446F

Supplier: LABTRADERS, INC	P.O. No.: GF-E-538-2017
Address: #89 Jasmin St., Roxas District, Quezon City (3) PO-01-4	Date: December 29, 2017
	Mode of Procurement: Public Bidding
	Resolution No. ITDI-PB-170031
	PR # 10-2017-0236 ASC #

Gentlemen:

Please furnish this office the following articles to the terms and conditions contained herein:

Place of Delivery:	Metrology Bldg. (not later than 3:00 P.M.)	Delivery Term:	Ninety (90) days		
Date of Delivery:		Payment Term:			
Stock No.	Unit	Description	Quantity	Unit Cost	Amount
		TOTAL CARRIED FORWARD			1,699,000.00
		Humidity readability : 0.01% Accuracy : 2% Uncertainty, DKD (k=2) : 0.51% Long-term stability per year : <1% Repeatability : 0.50% Output : 0...1 V C. Pressure Sensor for YCM16C Pressure measuring range : 300 - 1100 hPa Pressure readability : 0.001 hPa Accuracy : 0.25 hPa Uncertainty, DKD (k=2) : 0.27 hPa Long-term stability per year : 0.1 hPa Repeatability : 0.02 hPa *Warranty: One (1) year on parts and on service under normal use	Less: VAT EWT 1	75,848.21 15,169.64	91,017.85 1,607,982.15

END-USER:
CHARGE TO:

GERRY BOY GARINGAN
General Fund: Project 4

PREPARED BY:

ROCHEL LEE C. DELUTA
Administrative Officer V

Page 4 of 4 pages

(Total Amount in Words) **One million six hundred seven thousand nine hundred eighty two pesos & 15/100**

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

CENON A. TIMOG

(Signature over printed name)

Feb 14, 2018
(Date)

Very Truly yours,

for: **MARIA PATRICIA V. AZANZA, PhD.**
Director

Requisitioning Office/Dept.

AURORA V. KIMURA
Chief-NMD

Funds Available:

SOLEDAD S. REYES
Accountant IV

Amount
ALOBS No.

1,607,982.15
25172212

12/14