

PURCHASE ORDER

QR-ADMPPS-04

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

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

18.036 GF

Supplier:	DAKILA TRADING CORPORATION	P.O. No.:	GF-E-549-2017
Address: (3) PO-084	613 Calderon St., Mandaluyong City	Date:	December 29, 2017
		Mode of Procurement:	Public Bidding
		Resolution No.	ITDI-PB-170039
		PR #	13-2017-0533
		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	METTLER Toledo Thermogravimetric Analyzer-Differential Scanning Calorimetry Model: TGA/DSC3 system (Large Furnace) PN: 30139250 <i>Thermogravimetry (TGA) is a technique that measures the change in weight of a sample as it is heated, cooled or held at constant temperature. Its main use is to characterize materials with regard to their composition. Application areas include plastics, elastomers and thermosets, mineral compounds and ceramics as well as a wide range of analyses in the chemical and pharmaceutical industries</i> Features and benefits of the TGA/DSC 3+: <i>*METTLER TOLEDO ultra-micro balance - rely on the leader in balance technology</i> <i>*Very low minimum weight on 5-gram-balances - measure samples accurately and precisely</i> <i>*Unparalleled performance - sub-microgram resolution over the entire weighing range</i> <i>*Wide temperature range - analyze samples from ambient temperature to 1600°C</i> <i>*DSC heat flow measurement - for simultaneous detection of thermal effects</i> <i>*Built-in gas flow control - investigate samples in defined atmospheres</i> <i>*Automated TGA-FTIR, TGA-MS and TGA/GC/MS systems - perform accurate evolved gas analyses using FTIR and MS</i> <i>accurate evolved gas analyses using FTIR and MS</i> <i>*Modular concept protects investment - fits to current future needs</i>	1	6,990,000.00	6,990,000.00

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.

Very Truly yours,

Conforme:


SUSAN S. AGUILA
 (Signature over printed name)
FEB 2 2018
 (Date)

Requisitioning Office/Dept.
Requisitioning Office/Dept.

Funds Available:
Funds Available:

Amount
ALOPS No.

DR. ROSALINDA C. TORRES
Chief-STD / Scientist I

SOLEDAD S. REYES
Accountant IV

DAPI 2018

PURCHASE ORDER
INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE
DOST Compound, Gen. Santos Ave., Bicutan, Taguig City
DOST Trunkline: 837-2071 local 2220 / 2221

QR-ADMPPS-04

18 03 6F

Supplier: DAKILA TRADING CORPORATION	P.O. No.: GF-E-549-2017
Address: 613 Calderon St., Mandaluyong City (3) PO-06-6	Date: December 29, 2017
	Mode of Procurement: Public Bidding
	Resolution No.: ITDI-PB-170039
PR # 13-2017-0583	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
		TOTAL CARRIED FORWARD	
		Temperature date Large Furnace (LF)	
		Temperature range RT to 1100°C	
		Temp. Accuracy ¹⁾ ±0.3 K	
		Temp. Precision ¹⁾ ±0.2 K	
		Furnace temp. res. 0.001 K	
		Heating time 10 min (RT to 1100°C)	
		Cooling time 22 min (1100 to 100°C)	
		Cooling time w/ helium ≤ 11 min (1100 to 100°C)	
		Heating rate ²⁾ 150 K/min	
		Cooling rate ²⁾ -20 K/min (≤ 150°C)	
		Sample volume ≤ 900 µL	
		INCLUDES:	
		1- UXP Ultra micro balance up to 1g max. capacity	
		Model : XPIU XPIU	
		1-TGA/DSC Sensor PN: 30205779	
		1-Huber cooler PN: 30064846	
		1-GC301 gas controller PN: 30247182	
		1-Flow meter	
		1-Computer set (PC+monitor+printer) 23 inch flat monitor, windows 7, intel core i5	
		1-Sample robot (auto sampler) PN: 30247172	
		1-STARe Software version 14.0 PN: 30252590	
		with: Routine Window PN : 51119876	
		Mathematic PN : 51143467	
		1-With Local training by Foreign specialist	
		<u>With accessories:</u>	
		~1 set Crucible handling set (funnel, tweezers, needle standard, needle thin, crucible holder)	
			Amount 6,990,000.00

Page 2 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.

Very Truly yours,

Conforme:


SUSAN J. AQUINO
(Signature over printed name)
Feb 2 2018
(Date)

Requisitioning Office/Dept. DR. ROSALINDA C. TORRES Chief-STD / Scientist I	Funds Available: SOLEDAD S. REYES Accountant IV	Amount ALOBS No. DAFID 2036
--	--	---------------------------------------

PURCHASE ORDER

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

QR-ADMPPS-04

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

K. 076 GF

Supplier: DAKILA TRADING CORPORATION	P.O. NO. GF-E-549-2017
Address: 613 Calderon St., Mandaluyong City (3) PO-08.0	Date: December 29, 2017
	Mode of Procurement: Public Bidding
	Resolution No. ITDI-PB-170039
	PR # 13-2017-0533 ASC #

Gentlemen:

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	
		~2 pcs. Crucible Tray ~Calibration kit (Au, Ag and two additional elements with manufacturer's certificate and calibration for use in A1203) ~Tool kit Crucibles: ~20 pcs. Alumina with Lid, 70µL ~200 pcs. Aluminum with Lid, 40µL ~4 pcs. Platinum with Lid, 70µL ~5m black tubing piece (for gas connections) ~Set of 5 SERTO PA plastic plugs (to close all gas connections) ~Set of 5 SERTO PA plastic male adaptor unions including knurled nuts w/ferrules (for gas connections) ~1m tubing piece (for coolant connections) ~Flow Indicator ~Tube connectors (for coolant connections) ~Corrosion inhibitor Protectogen Plus ~1 cylinder Nitrogen ultra high purity 2900 psi; 9.46m3; above 99.999% purity; 200 bars ~1 cylinder Oxygen high purity, 1800 psi; 5.94m3; above 99.5% purity; 125 bars, SP gases ~Air compressor (silent type) ~Equipment table (anti-corrosive, durable and chemical resistant) ~Uninterrupted Power supply (UPS)	6,990,000.00

Page 3 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.

Very Truly yours,

Conforme:


SUSAN S. AGUILERA
 (Signature over printed name)
Kb. 2 2018
 (Date)

Requisitioning Office/Dept.

DR. ROSALINDA C. TORRES
Chief-STD / Scientist I

Funds Available:


SOLEDAD S. REYES
 Accountant IV

Amount

ALOSS No. _____
ALOSS No. _____

DAFT 20-76

PURCHASE ORDER

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

QR-ADMPPS-04

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

18.03.17

Supplier: DAKILA TRADING CORPORATION	P.O. No.: GF-E-549-2017	
Address: 613 Calderon St., Mandaluyong City (3) PO-084	Date: December 29, 2017	
	Mode of Procurement: Public Bidding	
	Resolution No. ITDI-PB-170039	
	PR # 13-2017-0533	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			6,990,000.00
		Note: 1. The instrument installation, commissioning, and initial operation will be done by DTC's service engineers and foreign specialist. 2. Local training on site will be provided by foreign specialist/application chemist as part of after sales services. 3. The instrument carried a one (1) year warranty on parts and 3 years on services including preventive maintenance.			
			Less: VAT	312,053.57	
			EWT	62,410.71	374,464.28
					6,615,535.72

END-USER:
CHARGE TO:

ALLEN B. TONGSON
Metrology Program: Project 1

PREPARED BY:

ROCHEL LEE C. DELUTA
Administrative Officer V

Page 4 of 4 pages

(Total Amount in Words)

Six million six hundred fifteen thousand five hundred thirty five pesos & 72/100

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.

Very Truly yours,

Conforme:

(Signature over printed name)

(Date)

MARIA PATRICIA V. AZANZA, PhD.
Director

Requisitioning Officer/Dept.

Funds Available:

Amount

ALOBS No.

DR. ROSALINDA C. TORRES
Chief-STD / Scientist I

SOLEDAD S. REYES
Accountant IV

₱ 6,990,000.-

DAPI 2017