

PURCHASE ORDER

QR-ADMPPS-04

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

DOST Compound, Gen. Santos Ave., Bicutan, Taguig City

DOST Trunkline: 837-2071 local 2220 / 2221

Supplier: GRYKE SCIENTIFIC INSTRUMENT TRADING	P.O. No.: GIA-E-204-2012 <i>12-25TF</i>
Address: <i>28 J. Galvez Bldg., Severina ave., IDI Village, Parañaque City</i>	Date: August 15, 2012
	Mode of Procurement: Public Bidding
PO-08-9	PR # 08-2012-0252 ASC # 260-2012

Gentlemen:

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

Place of Delivery: EPCD Bldg.	Delivery Term: Forty five (45) working days
Date of Delivery:	Payment Term:

Stock No.	Unit	Description	Quantity	Unit Cost	Amount
1	set	Spotlight 200 FT-IR Microscopy System MCT w/SpectrumFrontier FTIR, Spectrum 10 and Spotlight Image Software Ref: L1862102 <i>FT-IR microscopy system comprising Spectrum Frontier spectrometer, microscope, stage controller, system controller, Spotlight software and Spectrum 10 Software</i> Spectrum Frontier System features: *Rapid scan spectrometer: collects up to 80 scan sec ⁻¹ when used with Spotlight Imager *Sealed and desiccated optics: protects moisture-sensitive components and reduce the effect of change of atmospheric absorption *Sample compartment: full size sample compartment with quick release cover and service access *Look-Ahead: senses when a sample is placed in the system and measures a sample spectrum. Background reference data is automatically collected during idle periods *Network operation: TCP/IP interface allows connection to a PC and/or Local Area Network *Plug-in accessory capability: allows accessory recognition by serial number and automatic accessory optimization *Automatic Precision Validator (APV): built-in validation standards for abscissa accuracy and ordinate repeatability for automatic validation *Atmospheric absorption suppression: an automatic routine for removing the effects of atmospheric water and carbon dioxide from sample spectra *Absolute Virtual Instrument (AVI): production of standard data referenced to fundamental band positions	1	4,738,000.00	4,738,000.00
Page 1 of 5 pages					4,738,000.00

(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.

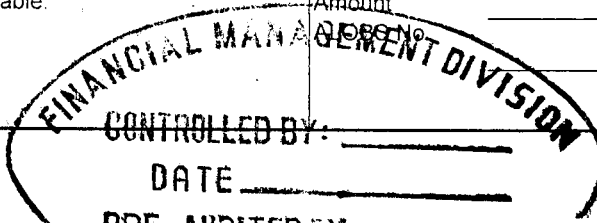
Very Truly yours,

Conforme:

(Signature over printed name)

(Date)

Requisitioning Office/Dept.	Funds Available:	Amount
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DOST Trunkline: 837-2071 local 2220 / 2221

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Address: 28-J Galvez Bldg., Severina Ave., IDI Village, Parañaque City	Date: August 15, 2012	Mode of Procurement: Public Bidding	
	PR # 01-2009-0014	ASC # 568-2009	

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Place of Delivery: EPCD Bldg.	Delivery Term: Forty five (45) working days
Date of Delivery:	Payment Term:

Stock No.	Unit	Description	Quantity	Unit Cost	Amount
		Total Carried Forward			4,738,000.00
		<p><i>*DTGS detector</i></p> <p><i>*Frequency range: 8,300-350 cm⁻¹ using a Ge-coated KBr beam splitter</i></p> <p><i>*Resolution: better than 0.4 cm⁻¹</i></p> <p><i>*Better than 50,000: 1 RMS signal-to-noise (4cm⁻¹ spectral resolution, 5 seconds, transmission measurement)</i></p> <p><i>174,000: 1 RMS (1 minute, 4cm⁻¹ spectral resolution, transmission measurement)</i></p> <p>Spotlight Microscope System:</p> <p><i>*Operating modes: Transmission, Reflectance and ATR mode with the single point detector. Capable of performing LineScan and Mapping</i></p> <p><i>*Single point operation: High sensitivity 100x100μ MB MCT detector</i></p> <p><i>*Included automated apertures, focus, stage control, throughput correction, mode of operation and visible/IR switchover</i></p> <p><i>*Switching between Visible and IR is achieved with zero mechanical movement</i></p> <p><i>*Single point frequency range: 7800-600cm⁻¹</i></p> <p><i>*Resolution: better than 0.5 cm⁻¹</i></p> <p><i>*Single point sensitivity: typically better than 12,000/1 p-p for 128 scans at 4cm⁻¹ spectral resolution with Beer-Norton apodization</i></p> <p><i>*Visible Illumination: Solid-state white light illumination provides more even and accurate color, better brightness and longer life. Built-in polarizer (requires analyzer)</i></p> <p>Application Software:</p> <p><i>*Spectrum Spotlight software: provides automated control of the complete system from a single application to include visible image survey and determination of IR image area or point(s); collection of total absorbance IR image or IR spectral map, spectral manipulation, image manipulation, data extraction and reporting</i></p>			4,738,000.00

Page 2 of 5 pages
(Total Amount in Words) **4,738,000.00**

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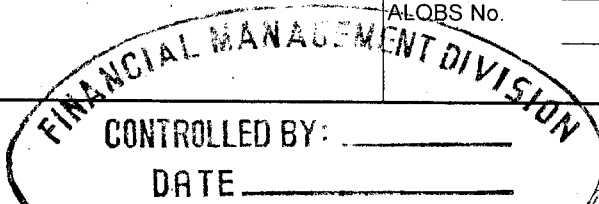
Very Truly yours,

Conforme:

(Signature over printed name)

(Date)

Requisitioning Office/Dept.	Funds Available:	Amount ALOBS No.
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DOST Compound, Gen. Santos Ave., Bicutan, Taguig City
DOST Trunkline: 837-2071 local 2220 / 2221

Supplier: GRYKE SCIENTIFIC INSTRUMENTS TRADING	P.O. No.:	GIA-E-204-2012 12 225 TF
Address: 28-J Galvez Bldg., Severina Ave., IDI Village, Parañaque City	Date:	August 15, 2012
	Mode of Procurement:	Public Bidding
PO-08-9	PR # 08-2012-0252	ASC # 260-2012

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		Total Carried Forward			4,738,000.00
		<p>Accessories Kit: *Accessories kit, comprises micro sampling kit, Gold mirror assembly, sample holder (3x13mm), rotatable cell holder, box of slides (72) and KBr windows ~Includes installation and familiarization ~One year on-site warranty ~Unpacked mass (Kg): Imager 32Kg, Spectrum 100 34Kg, stage 2.7Kg, and stage controller 2.8Kg. ~Unpacked dimensions (mm): Imager 570d x 340w x 470h, Spectrum 100 520w x 600d x 300h</p> <p>Other Software Included In the System: *Spectrum Instrument Control *Spectrum Search Plus Software *Spectrum Beer's Law Software *Compare Material Checking Software *IR Tutor Multimedia Software *IR Assistant Software</p> <p>1 unit Rechargeable Desiccant Kit included Ref: L1250311 Sampling Accessories (included) 1 unit Frontier UATR-Diamond Single Reflection Top Plate w/ Pressure Arm Ref: L1280301 The universal ATR is an excellent general accessory for the analysis of solids and liquids. The UATR produces high quality spectra through the use of a pressure arm allowing good contact of the sample with the diamond crystal. The pressure arm force indicator ensures first-class sample-to-sample and operator-to-operator reproducibility</p>			4,738,000.00

Page 3 of 5 pages (Total Amount in Words) **4,738,000.00**

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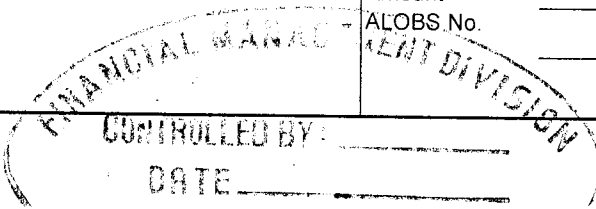
Very Truly yours,

Conforme:

(Signature over printed name)

(Date)

Requisitioning Office/Dept.	Funds Available:	Amount
		ALOBS No. _____



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INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

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

Supplier: GRYKE SCIENTIFIC INSTRUMENTS TRADING	P.O. No.: GIA-E-204-2012 <i>12 225TF</i>	
Address: 28-J Galvez Bldg., Severina Ave., IDI Village, Parañaque City	Date: August 15, 2012	Mode of Procurement: Public Bidding
PO-08-9	PR # 08-2012-0252	ASC # 260-2012

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Date of Delivery:	Payment Term:

Stock No.	Unit	Description	Quantity	Unit Cost	Amount
		Total Carried Forward			4,738,000.00
		<p>1 set Pike Valu-Line High Performance Set of FTIR Reflectance Accessory Kit Ref: 050-1074 Includes the ff: ~Multiple Reflection Horizontal ATR (HATR): is designed to analyze liquid and semi-liquid samples, pastes, gels, films, soft powders and multiple solid materials. This accessory comes with trough and flat crystal plates to accommodate all types of samples. The HATR is carefully designed to provide excellent results with minimum effort. It can be easily placed in the sample compartment and locked into position on the sample compartment base plate, or a standard slide holder. ~EasiDiff-Diffuse Reflectance Accessory Kit: is an ideal accessory for the analysis of powders and intractable solids. With a set of convenient tools for solid sample preparation, this compact, high performance accessory provides outstanding collection efficiency ~30Spec - Specular Reflectance Accessory Kit: is a great accessory for the analysis of thin organic films deposited on reflective surfaces and a myriad of surface coatings and surface treatments. The 30Spec is slide mounted and comes with a set of three which allow for the isolation of small, pre-determined spots on larger samples, and the analysis of small samples.</p> <p>Local Supplies: 1 set Branded Intel Core i3 PC Tower System w/ 19" LCD Monitor, Windows 7 Operating System & Colored HP Deskjet Printer</p>			
Page 4 of 5 pages		1 unit Hi-Tech AVR 3 KVA, 220VAC, 50/60Hz			4,738,000.00

(Total Amount in Words)

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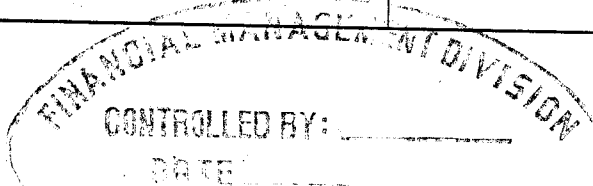
Very Truly yours,

Conforme:

(Signature over printed name)

(Date)

Requisitioning Office/Dept.	Funds Available:	Amount ALOBS No.



PURCHASE ORDER

QR-ADMPPS-04

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

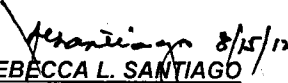
DOST Compound, Gen. Santos Ave., Bicutan, Taguig City
DOST Trunkline: 837-2071 local 2220 / 2221

12-275TF

Supplier:	GRYKE SCIENTIFIC INSTRUMENTS TRADING	P.O. No.:	GIA-E-204-2012	
Address:	29 J. Galvez Bldg., Severina Ave., IDI Village, Parañaque City	Date:	August 15, 2012	
		Mode of Procurement:	Public Bidding	
PO-08-9		PR #	08-2012-0252	ASC #
				260-2012

Gentlemen:
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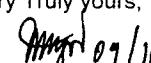
Place of Delivery:	EPCD Bldg.	Delivery Term:	Forty five (45) working days
Date of Delivery:		Payment Term:	

Stock No.	Unit	Description	Quantity	Unit Cost	Amount
		Total Carried Forward			4,738,000.00
		<u>"Free-of-Charge Spectral Library"</u>			
		1 unit Fluka Chemical Library			
		1 unit ATR of Polymer			
		1 unit Lubes Library			
		1 unit Coblenz Chemical Library			
		1 unit Iowa Chemical Library			
		1 unit Drugs Library			
		1 unit Crime Library			
		<u>Terms and Conditions:</u>			
		*The instrument's installation, commissioning as initial operation will be done by Gryke Scientific Instruments engineer			
		*Will provide initial training on use, application and maintenance of the instrument as part of after sales service			
		*The instrument carries a one (1) year warranty on parts & services against factory defects. Date of warranty starts after installation and commissioning or 3 months from date of shipment whichever comes first.			
		*Includes Free Training for two (2) at Perkin Elmer Regional Training Center			
END-USER:		JOANN C. SY			
CHARGE TO:		PCIEERD Assisted Project on Establishment of ADMATEL			
PREPARED BY:		 REBECCA L. SANTIAGO 8/15/12 Administrative Officer V			

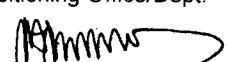
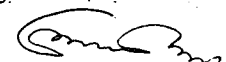
(Total Amount in Words) *Four million four hundred eighty four thousand one hundred seventy eight pesos & 57/100*

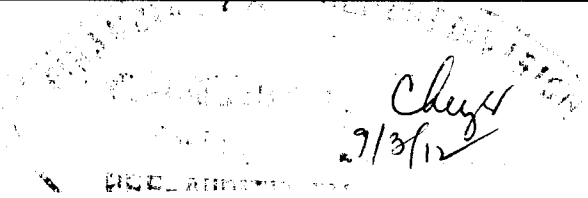
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Conforme: _____
(Signature over printed name)

Very Truly yours,

DR. NUNA E. ALMAZOR
 Director

(Date)

Requisitioning Office/Dept.	Funds Available:	Amount
 DR. BLESSIE A. BASILIA Chief-MSD	 SOLEDAD S. REYES Accountant IV	₱ 4,738,000.00 - ALOBS No. _____


 Chief
 9/13/12