

Commonwealth Avenue, Diliman, Q.C. Agency

Fund : 101

PR No. PR11-02-125(101)

dier: UNI-PHIL DANZEN, INC. P.O. NO. PO11-07-216 dress: 12 Record Street Extension, GSIS Village, Project 8. Date: July 21, 2011 Quezon City Mode of Procurement: Public Bidding TIN Gentlemen: Please furnish this office the following articles subject to the terms and conditions contained herein: Place of Delivery: PNRI Delivery Term: FOB Date of Delivery: 60 Days Payment Term: PO Item No. Unit Description **Unit Cost** Quantity Amount Perkin Elmer HPLC SYSTEM w/ Radioactivity, UV-VIS And set 3,998,000.00 3,998,000.00 Fluorescense Detector (Certified Single Brand), INCLUDES: Radiomatic Flow Scintillizer Analyzer (Part NO. AFSAT ROO), FSA 610 Common parts (Part NO. 700067), Features includes: ProFSA (21 CFR part 11 compatible) instrument control and analysis software, Multichannel Analyzer (Full MCA) for Precise Energy Discrimination in keV units. Spectrum Analysis for optimizing energy window settings to provide better detector efficiency and sensitivity particularly for dual label applications. A hard Copy printout provides a complete graphical representation of the radionuclide's energy distribution. Dual Matched two inch (5cm) photomultiplier tubes with coincidence circuitry for maximum efficiency and sensitivity. Luminescence detection and correction allows independent channel selection for the detection and correction of chemiluninescense interference. Chemiluminescence percentages are reported on hard copy printout. Two Independent radiochannels for single or dual label separations with update times from 1-60 seconds. Preset Energy windowsin keV for 3H, 14C, 35S, 32P and 125I. Programmable event control provides on/off control of the LS pump and flow diverter valve during a run. Over-pressure alarm and eluate flow diverter to protect against system damage due to blocked lines. Instrument ready signal for the coordination of sample injections. 80-Character liquid crystal display and 20-key touchpad for controlling the detector, setting run conditions, and viewing the run data in real time. Digital Interface Logic for fraction collectors, autoinjectors, and

(Total Amount in Words): THREE MILLION NINE HUNDRED NINETY EIGHT THOUSAND PESOS ONLY

HPLC system controllers. Four analog data outputs, one fixed

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:

Wilfredo M. de Chawez

UNI-PHIL DANZEN, INC. (Signature over printed name)

10 aug. 2011

Funds Available:

DELESTINO SANTOS HEAD, ACCOUNTING UNIT Very truly yours,

MANDA M. DELA ROSA, Ph.D.

Authorized Official)

ObR Number: Co. 11-07-619

3,998,000.00 Amount:

h 7/18/11

## PURCHASE ORDER

# PHILIPPINE NUCLEAR RESEARCH INSTITUTE

Commonwealth Avenue, Diliman, Q.C.

Agency

Fund : 101

PR No. PR11-02-125(101)

Supplier: UNI-PHIL DANZEN, INC. P.O. NO. **PO11-07-216** Address: 12 Record Street Extension, GSIS Village, Project 8, Date: July 21, 2011 Quezon City Mode of Procurement: Public Bidding TIN. Gentlemen: Please furnish this office the following articles subject to the terms and conditions contained herein: Delivery Term: **FOB** Place of Delivery: PNRI Payment Term: PO Date of Delivery: 60 Days Quantity **Unit Cost** Amount Description Item No. Unit

> and one variable scale for each of two radioactive channels with a scaling range from 10-10,000,000. The output can be directed to chart recorders, integrators, Smart Fraction collectors, or chromatography workstations for further processing. Menu-driven multi-user analysis software with online storage and recall for five user protocols, three gradient quench curves, and ten sets of run data. Peak Integration Software with threshold smoothing, peak area reject, and results in your choice of counts, net counts, CPM, isocratic DPM, or gradient corrected DPM. Continuous run acquisition which when selected acquired and directs data via the analog output port to integrators or a chromatography data workstation. Half-Life Correction to any specified date and time performed in real time per update, single or dual label correction for short half-life radionuclides- Quench curve creation and editing for single or dual label applications.-Fraction collector with threshold and delay selection.-Internal lead shielding for reduction of background counts.- Integrated Liquid Control tray which provide pass/fail system Diagnostics-CSA Approval ensures compliance with the electrical and safety requirements as set by the canadian Standards Association (CSA)- RS 232 serial data output interface for output of processed or raw radiochromatography data, 1 Line Cord, 10A, 250VAC (Part NO. 3901302), 1 PRO FSA Software Kit & Dongle key Part NO. 7000094, 1. Homogenous Option Kit (Part NO. 7601621), 1 Waste Manager (Part NO. 7700022), 1 Rect MDLE 35V (Part No. 1100021), 1 Gamma Flow Cell, 35-55oul (Part NO. 7300178), 1 LQ Flow Cell, 100-

rogrammable dual monochromator rationing

CE BOND: The Cash/Manager's Check Equivalent to Five (5%)

(Total Amount in Words): THREE MILLION NINE HUNDRED NINETY EIGHT THOUSAND PESOS ONLY

540uL (Part No. 7300113), 1 200-240VAC Voltage Kit (Part

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Conforme:

Wilfredo M. de Chavez

UNI-PHIL DANZEN, INC. (Signature over printed name)

Funds Available:

**ELESTINO SANTOS** HEAD, ACCOUNTING UNIT Very truly yours.

MANDA M. DELA ROSA, Ph.D.

Director

(Authorized Official)

ObR Number: 6, 11-07-619

3,998,000.00 Amount: P

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# PURCHASE ORDER

## PHILIPPINE NUCLEAR RESEARCH INSTITUTE

Commonwealth Avenue, Diliman, Q.C.

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Fund : 101

92	PR No. PR11-02-125(101)
applier: UNI-PHIL DANZEN, INC.	P.O. NO. <b>PO11-07-216</b>
Address: 12 Record Street Extension, GSIS Village, Project 8,	Date: July 21, 2011
Quezon City	Mode of Procurement: Public Bidding
FIN :	
Gentlemen: Please furnish this office the following articles subject to the term	ms and conditions contained herein:
Place of Delivery: PNRI	Delivery Term: FOB
Date of Delivery: 60 Days	Payment Term: PO
tem No. Unit Description	Quantity Unit Cost Amount
seal life and minimize maintenance. High-speed Piretraction (65msec) assures minimum pressure puextremely precise mobile phase flow rates. A pater provides positive pressure solvent transfer to elimit vacuum bubbles and cavitations, while a double che design prevents solvent backflow on each delivery assuring efficient operation even at lower flow rate. Proprietary proportioning valve for precise and accollending of two solvents uses minor component into assure compositional accuracy even at low mixing. Flow turbulent mixing within pump's dual piston che assures high efficiency solvent mixing with extreme mixing volumes. Patented real-time blending compaccounts for and meters different volumes according solvent shrinkage occuring with mixing, and correct solvent compressibility changes under pressure. Folvent Manager, 3-Channel Vacuum Degassing. design includes bottle integrated removable tray at tubings and bottles. Three (3) channel Vacuum de built into bottle manager housing, supported by int drain management system., 1 Chromera Software NO. N518-0100) Includes: Software CD (Chromera powerfully-easy data system for liquid Chromatogr provides Highly configurable and responsive LC Integrammable dual monochromator rationing	alsations for anted design anate aneck valve a stroke, as a stroke, as a stroke.  Burate a terlacing to a levels. High ambers are also are a stroke and a stroke are a stroke and a stroke are a stroke, as a stroke a stroke, as
(Total Amount in Words): THREE MILLION NINE HUNDRED NINET	Y EIGHT THOUSAND PESOS ONLY
In case of failure to make the full delivery within the time specific percent for every day of delay shall be imposed.	ecified above, a penalty of one-tenth(1/10) of one  Very truly yours,
Conforme: Wilfredo M. de Chawez	
UNI-PHIL DANZEN, INC.	X V Y Y
(Signature over printed name)	ALUMANDA M. DELA ROSA, Ph.D.  Director
	(Authorized Official)
10 Aug. 2011 (Date)	<i>y</i> (

Funds Available:

MELESTINO SANTOS HEAD, ACCOUNTING UNIT ObR Number: 6. 11-07-619

Amount: P 3,998,000.00

for 7 /18/12



Commonwealth Avenue, Diliman, Q.C. Agency

Fund : 101

P.O. NO. **PO11-07-216** 

PR No. PR11-02-125(101)

July 21, 2011

Mode of Procurement: Public Bidding

pplier: UNI-PHIL DANZEN, INC.

Address: 12 Record Street Extension, GSIS Village, Project 8,

Quezon City

Gentlemen:

Item No.

TIN

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

Description

Place of Delivery: PNRI

Date of Delivery: 60 Days

Unit

Delivery Term:

Date:

**FOB** 

Payment Term: PO

Quantity

**Unit Cost** 

Amount

control for Multi-detector systems combined with an elegantly simple user interface for interactive processing, and flexible, multi-channel quantitation and reporting, Chromera is designed to display all of the necessary information on the screen to give you complete control of your system. The Screen layout consists of a Navigation pane of the left that contains buttons and tree lists to select various views within the software. The views are composed of different combinations of controls contained within separate panes or frames. In many cases a control contained within one pane will interact with other controls contained in other panes., 1-8-port Edgeport adaptor (Part No. 0940-2019) Required to connect a Flexar LC System with Chromera. Converts 8 RS 232 inputs from LC Components to a single USB Connection to Chromera host computer, 1- Flexar Manual Injector Valve Kit (Part No. N293-0665) Kit Includes FLOM Stainless Steel Manual injector Valve (N9306073), injector mounting bracket (magnetic) for valve (N2930666) Column Mounting Bracket (N2910680) and 100uL Injection syringe (09904822), 1- Flexar UV/VIS LC Detector (Part No. N292-0014) up to 50 points/second data acquisition speed. Unit Includes Standard Flowcell: 12-uL, 10mm path length, Dual Beam; Wavelength range: 190-700nm. Digital output of chromatographic data. Sensitivity range: 0.0005-3.000AU, Drift: <1 x 10-4 AU. Includes Control RS 232 cable. Ships with service and calibration software. (120/240V, 50/60Hz). Required for full control capabilities: Chromera Workstation, 1- Flexar Fluorescense LC Detector (Part No. N292-6120) Programmable dual monochromator rationing

EKFORMANCE BOND: The Cash/Manager's Check Equivalent to Five (5%)

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Conforme:

Wilfredo M. de Chawez

UNI-PHIL DANZEN, INC. (Signature over printed name)

Funds Available:

**CELESTINO SANTOS** HEAD, ACCOUNTING UNIT Very truly yours

ALUMANDA M. DELA ROSA, Ph.D.

(Authorized Official)

ObR Number: 6-11-07-619

Amount:

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#### Commonwealth Avenue Diliman OC

Commonwealth Avenue, Diliman, Q.C.

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PR No. PR11-02-125(101)

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> detector(Excitation 200-850nm, emission 250-900nm), zero order selectable for both monochromators, Signal to noise> 700:1 for RAMAN of (Water baseline method), 15 or 30 nm slit firmware settable) Integral 150-W continuous xenon lamp and analog output board. (120/240V, 50/60Hz operation). Detector ships with USB board for chromera control already installed, 1-Flexar LC Column oven (Part NO. N260-1681), Precise temperature control from 5C above ambient to 100C, Accuracy of 1C and stability of 0.05C with mobile phase Preheating. Audible leak alarm. Stackable with other Flexar LC Modules. Removable front panel to access column compartment that accepts up to four 30-cm columns. Fully Controlled under chromera operating environment (110-220V), 1-Flexar LC Autosampler ( Part NO. N293-0660), The Flexar LC Autosampler is a random Access High-throughput autosampler that allows unattended, automated sample injection at operating pressures up to 6100 psi. It is intended for use with Flexar LC Systems. Provides multiple/Flexible sampling/injection/options/modes: full-loop, partial-fill and uLpickup with no ample waste. Standard system includes dilution and derivatization. Programmable from 0.1ul to 2.45mL in 0.1ul increments. High Precision injections of 0.3% in fixed loop mode, 0.5% in partial loop mode for 5uL injections, and 0.5% in uL pickup mode for 5uL injections. Provides pressure-assisted air purge after each injection to keep outside of sampling needle clean and dry between samples. Rapid load/injection cycle time of only 8 seconds. Optional biocompatible flow path available to maintain integrity of bioreactive analytes. Peltier cooling and heating options

, and and service. FERFORMANCE BOND: The Cash/Manager's Check Equivalent to Five (5%)

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Conforme:

Wilfredo M. de Chawez

<u>UNI-PHIL DANZEN, INC.</u> (Signature over printed name)

10 aug. 2011

Funds Available:

HEAD, ACCOUNTING UNIT

Very truly yours,

ALUMANDA M. DELA ROSA, Ph.D.

Director

(Authorized Official)

dag M

ObR Number: Co. 11-07-619

Amount: P 3,998,000.00

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	12 Record Street Extension, GSIS Village, Project 8, Quezon City			Date: July 21, 2011  Mode of Procurement: Public Bidding			
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	e furnish th	is office the following articles subject to the term		ACRES AND AND A TOTAL	ages declarated by	A THE RESERVE AND THE PARTY OF	
Place of Delivery: PNRI		Deli	Delivery Term: FOB				
Date of Delivery: 60 Days			Payment Term: PO				
Item No.	Unit	Description		Quantit	ty	Unit Cost	Amount
		available as field upgrades. Comes standard with 10 tray, numerous optional trays available-all supported	by peltie	er			

options. Comes standard with 100uL Loop and 250uL sample/flush syringe; numerous optional samples/flush syringe volumes available: Includes: 100 sample tray, 100 vials 2mL, 100 screw top cap with 2 ml cross slit vial septum, tubing to connect to waste reservoir, all cables required for connection to a chromera operating environment, I/O Cable (pump start/ready-in), Service manager SW Cd, User's manual, Nuts and Ferrules, All fuses for 120-240V, 1- Fittings Kit for LC (Part No. N930-1002) All-in-one Fittings kit for liquid Chromatrography, Includes: Four Fingertight II Derlin Mate Nuts and for Fingertight Flangeless Tefzel Ferrules, 5-foot Teflon Tubing, Two SSI Stainless Steel Male Nuts and Two SSI Stainless Steel Ferrules, Four 1/6" Delrin columns plugs, 10 standard 1/16 inch stainless steel ferrules, two rheodyne stainless steel long male nuts and two extra long male nuts, Four rheodyne stainless steel short male nuts, Five Standard 1/16 inch stainless steel female nuts, two 1/16 inch CTFE caps and two stainless steel low dead volume unions, 10 rheodyne stainless steel ferrules, five standard 1/16 inch stainless steel male nuts, four stainless steel tubes, .010 inch i.d., 20 cm, 007 inch i.d., 5 cm, 010inch i.d., 5 cm, 1 ACCU power UPS, 3 KVA capacity, Local Purchase, High Frequency & double conversion on-line technology, Single phase, wide input voltage range (176-276V), with lighting & overload protection, approx 15-20 mins back up time depending on load, Frequency Range: 50/60Hz, 1- Brownlee Analytical C18 (150mm x 4.6mm ID, 5 um) Part No. N930-3513, 1- Brownlee

Note: Warranty: One year on Parts and Service. PERFORMANCE BOND: The Cash/Manager's Check Equivalent to Five (5%)

Total Amount in Words): THREE MILLION NINE HUNDR	ED NINETY EIGHT THOUSAND PESOS ONLY
In case of failure to make the full delivery within the percent for every day of delay shall be imposed.	e time specified above, a penalty of one-tenth(1/10) of one
	Very truly yours,
Conforme: Wilfredo M. de Chawez	KM
<u>UNI-PHIL DANZEN, INC.</u> (Signature over printed name)	ALUMANDA M. DELA ROSA, Ph.D.

10 Cub . 201 (Date)

Funds Available:

DELESTINO SANTOS HEAD, ACCOUNTING UNIT ObR Number: 6. 11-07-619

(Authorized Official)

Amount: P 3,998,000.00

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Commonwealth Avenue, Diliman, Q.C.

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pplier: UNI-PHIL DANZEN, INC. dress: 12 Record Street Extension, GSIS Village, Project 8, Quezon. City  I :	P.O. NO. <b>PO11-07-216</b> Date: July 21, 2011				
Quezon. City	Date: July 21, 2011				
	Mode of Procurement: Public Bidding				
	<b>G</b>				
ntlemen:					
Please furnish this office the following articles subject to the terms	s and conditions contained herein:				
ce of Delivery: PNRI	Delivery Term: FOB				
e of Delivery: 60 Days	Payment Term: PO				
n No. Unit Description  Analytical C8 (150 x 4.6mm ID, 5um) Part No. N930-3	Quantity Unit Cost Amount				
Branded Intel Core 2 Duo PC w/ 17" LCD Monitor and inkjet Printer (Local Purchase) REMARKS: 1. The instrument's installation, commissioning and initial ope will be done by Uni-Phil Danzen Sevice Engineer. 2.The supplier will provide initial training on use, application maintenance of the instrument as part of after sales of Includes free training for two (2) at PKI Training Center Singapore	eration The and ervice. 3.				
**************************************	TOTAL ==>> 3,998,000.00				
Less: 0% Discount 0.00					
Net of Discount 3,998,000.00					
Add: Delivery Charge 0.00					
VATable Amount 3,998,000.00					
Less: 5% Withholding of Final VAT 178,482.14					
Less: 1% Withholding of Income Tax 35,696.43					
Total ==>> 3,783,821.43					
Less: 5% Warranty 199,900.00					
Net Amount ==>> <b>3,583,921.43</b>					
e: Warranty: One year on Parts and Service. PERFORMANCE BOND:	The Cash/Manager's Check Equivalent to Five (5%)				
(Total Amount in Words): THREE MILLION NINE HUNDRED NINETY	FIGHT THOUSAND PESOS ONLY				
In case of failure to make the full delivery within the time spec	The state of the s				
percent for every day of delay shall be imposed.	miled above, a politicity of the control of the con				
percent for every day or dealing the	Very truly yours,				
Conforme: Wilfredo M. de Chawez	MMC				
UNI-PHIL DANZEN, INC.	ALUMANDA M. DELA ROSA, Ph.D				
(Signature over printed name)	Director				
(Signature over printed harrie)	(Authorized Official)				
	(Addition25d Sitional)				
10 aux. 2011					
10 aug. 2011 (Date)					
Funds Available:					
Funds Available:	ObR Number: Co. 11-07-619				
Funds Available:	ObR Number: Co. 11-07-619				
	ObR Number: Co. 11-07-649  Amount: P 3,998,000.00				



Commonwealth Avenue, Diliman, Q.C. Agency

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	/	B .			PR No	PR11-02-125(101)	
A.	UNI-PHIL	DANZEN, INC.	P.O. NO.	PO1	1-07-216	216	
Gentlemen: Please furnish this office the following articles subject to the		ity	Mode of Procurement: Public Bidding				
Place of Delivery: PNRI Delivery Term: FOB			FOB				
Date of Delivery: 60 Days			Payment Term: PO				
Item No.	Unit	Description	Qua	intity	Unit Cost	Amount	
of	the Total Co	ntract Price or GSIS Surety Bond Callable on dema	nd equivalent to	thirty n	ercent (30%) of	the Total	

Contract Price. WARRANTY: Subject to warranty Security equivalent to value specified in RA 9184, Sec. 62.2. The Warranty shall be returned only after the lapse of the said warranty Period.

INSPECTOR, ARD

(Total Amount in Words): THREE MILLION NINE HUNDRED NINETY EIGHT THOUSAND PESOS ONLY

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percent for every day of delay/shall be imposed.

Conforme:

Wilfredo M. de Chawez

UNI-PHIL DANZEN, INC. (Signature over printed name)

Funds Available:

**DELESTINO SANTOS** HEAD, ACCOUNTING UNIT Very truly yours,

ALUMANDA M. DELA ROSA, Ph.D.

(Authorized Official)

ObR Number: Co. 11-07-619

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