

Republic of the Philippines Department of Agriculture

## Philippine Center for Postharvest Development and Mechanization

Science City of Muñoz, Nueva Ecija, Philippines

www.philmech.gov.ph



#### **April 17, 2013**

#### Supplemental Bid Bulletin No. 1

#### **RE: SUPPLY AND DELIVERY OF VARIOUS LABORATORY EQUIPMENT**

In connection with the Pre-bidding Conference conducted last April 16, 2013 for the **SUPPLY AND DELIVERY OF VARIOUS LABORATORY EQUIPMENT**, notice is hereby served of the following **amendments** / **clarifications** to the Bid Documents, to wit:

## **BID DATA SHEET (Page 33)**

2	The Funding Source is: The Government of the Philippines (GOP) through Capital Outlay 2013 in the amount of Four Million Seven Hundred Twenty Four Thousand Eight Hundred Pesos (PhP 4,724,800.00).  The name of the Project is: Supply and Delivery of Various Laboratory Equipment				
13.2	LOT			450	
	LOT		ABC		
	LOT I			544,800.00	
	LOT II			155,000.00	
	LOT III			1,650,000.00	
	LOT IV			100,000.00	
	LOT V			600,000.00	
	LOT VI			75,000.00	
	LOT VII			300,000.00	
	LOT VIII TOTAL			1,300,000.00 <b>4,724,800.00</b>	
18.1	All bids which are higher than the approved budget for each lot shall be automatically disqualified.  The bid security shall be in the following amount:				
	LOT	Bid Security in cash,		Bid Security in Surety Bond	
		cashier's/mangaer's ched		(5% of the ABC)	
		bank draft/guarantee or			
		irrevocable letter of credit			
	LOT I	(2% of the ABC) PhP 10,896.00		PhP 27,240.00	
	LOT II	PhP 3,100.00		PhP 7,750.00	
	LOT III	PhP 33,000.00		PhP 82,500.00	
	LOT IV	PhP 2,000.00		PhP 5,000.00	
	LOT V	PhP 12,000.00		PhP 30,000.00	
	LOT VI	PhP 1,500.00		PhP 3,750.00	
	LOT VII	PhP 6,000.00		PhP 15,000.00	
	LOT VIII	PhP 26,000.00		PhP 65,000.00	
	Or, Any combination of the foregoing proportionate to the share of form with				
	respect to total amount of security.				

## SPECIAL CONDITIONS OF CONTRACT (Page 54)

1.1 (j)	The Funding Source is
	the Government of the Philippines (GOP) through Capital Outlay 2013 in the amount of Four Million Seven Hundred Twenty Four Thousand Eight
	Hundred Pesos (PhP 4,724,800.00).

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**TECHNICAL SPECIFICATIONS (Page 62)** 

ECHNICAL SPECIFICATIONS (Page 62)  Particular	Remarks
LOT I	
1 unit Oven (BPED)	<ul> <li>Temperature: from ambient temp to (200-300°C)</li> <li>Inner chamber dimension: 2-3 cu ft;</li> <li>with digital temp sensor</li> <li>Accuracy: ± 1</li> </ul>
1 unit Two-Speed Blender (LSD)	<ul> <li>RPM low-18,000/high-22,000</li> <li>"explosion-proof"- to be deleted</li> <li>220V/60Hz</li> </ul>
1 unit Glass Dessicator, with Porcelain Plate (LSD)	- Max. Capacity-7.5L
1 set Water Purifier System (LSD)	
1 unit Glassware cart with two large baskets (LSD)	- Not <b>locally</b> fabricated
1 unit Ultrasonic Cleaner (LSD)	<ul> <li>220V/60Hz; with transformer if below 220V/60Hz</li> <li>With certification of 304 stainless steel (upon delivery)</li> </ul>
1 unit Digital Caliper (LSD)	- With 2 years warranty
1 unit 8-Channel Adjustable Volume Electronics Pipettor (LSD)	- 25 to 1250 μL <b>- or better</b>
LOT III 2 units Spectrophotometer	unit Spectrophotometer (FPD)     Wavelength range: At least 200-840nm     With training on proper use, maintenance and operation of the equipment
	<ul> <li>1 unit Spectrophotometer (BPED)</li> <li>With flow cell, 1 cm path length, glass (vis) and 4 quartz (uv), plus 8 optical glass</li> <li>With PC, size of monitor: 14" to 16"</li> <li>With training on proper use, maintenance and operation of the equipment</li> </ul>
1 unit Refrigerated Microcentrifuge	- Max RCF (Relative Centrifugal Force): 21,130 or better
LOT IV 1 unit Pulverizer (BPED)	- To be deleted
1 unit Vacuum Filtration System (Food) (BPED)	- 1/2hp - Oil free
1 unit Cooker (BPED)	- To be deleted
LOT VI 1 unit Ohmic Heater (BPED)	- To be deleted
1 unit Pulverizer (BPED) (Moved from LOT IV)	<ul> <li>Input Capacity: 10-20kg/hr</li> <li>Power: 220VAC, 60Hz</li> <li>Size of Screen: mesh #80 or 180 micron</li> </ul>

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#### LOT VIII

Research Laboratory Scale Benchtop Bio-Fermenter System Package (FPD)

- A. Vessel Type: Designed for microbial culture system, with baffles, volume 3 L or better
- B. Impeller motorized bladed flat disc impeller, speed range: **20-600 rpm or better**
- D.Probes and Electrodes/ meter and controllers *pH* (Range: at least 2-12, ...
- D. Temperature (Range: at least 0 to 90°C, Resolution: at least 0.1°C, Accuracy: at least ± 0.3°C)
- I.With configuration/parts allowing separation of microbial cells from the metabolites/end products

Delivery Period: Ninety (90) Calendar Days

- With PC
- The package includes installation and training **from manufacturers** on proper use, maintenance and operation of the equipment for two (2) persons

Warranty:

One (1) year of free parts and services

Two (2) years of quarterly preventive maintenance

For guidance and information of all concerned.

ARNEL RAMIR M. APAGA Chairman, PHilMech-BAC

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