Bids and Awards Committee

University of the Philippines Baguio
Governor Pack Road, 2600 Baguio City

MINUTES OF MEETING

15 May 2019 9:45 AM – 12:55 PM
Chancellor's Board Room

Presiding:	VCA Jessica K. Cariño, BAC Chair	
Members:	Prof. Joel M. Addawe, Member	
	Prof. Jocelyn Rafanan, Member	
	Prof. Arellano A. Colongon, Jr, Member	On leave
	Ms. Gloria Q. Rodriguera, Member	
	Ms. Cecile G. Dangawen, TWG	
	Mr. Rodolfo T. Suyat, TWG	Excused
	Ms. Irene J. Enriquez, Head Secretariat	On leave
	Mr. Mar P. Viernes, Secretariat	
	Ms. Segrid Yan A. Bucagan, Secretariat	
Also present:	Prof. Roland Hipol, Project Leader	
	Prof. Ofelia D. Giron, TWG	
	Ms. Maribeth V. Zarate, State Auditor	

Agenda: I. Pre-bid Conference for the Supply, Delivery, and Installation of Various Scientific Equipment for DOST Tuklas Lunas ETP Project
II. Other Matters

The meeting was called to order by Prof. Jessica K. Cariño at 9:45 AM.

Agenda:

I. Pre-bid Conference for the Supply, Delivery, and Installation of Various Scientific Equipment for the DOST Tuklas Lunas ETP Project

There are Two (2) prospective bidders who were present during the pre-bid conference:

Junior Mendoza	Dakila Trading Corporation
Von Chavez	Instrumix Supplier

This is a pre-bid conference for Supply, Delivery, and Installation of various Scientific Equipment for the DOST Tuklas Lunas ETP Project. The following reminders were discussed during the pre-bid conference:

1. The agency budget for this project is Php 6,070,000.00;
2. The project is divided into two (2) lots
    a. Lot 1= Php 370,000.00
        = 20L rotary evaporator with vacuum pump and cooler

b. Lot 2= Php 5,700,000.00
= Flash chromatography system with advanced solvent evaporation set up

3. Bid Documents can be acquired at the cost of Php 500.00 for Lot 1, Php 10,000.00 for Lot 2, and Php 10,000.00 for Lot 1 and Lot 2;
4. Delivery period is Thirty (30) calendar days;
5. The BAC will use a non-discretionary pass or fail criteria for Eligibility screening of documents submitted;
6. All Bid Documents should be signed by duly authorized representative/s, otherwise an authorization should be made. Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the duly authorized representative/s;
7. All on-going and completed private and government projects should be indicated because these will also reflect in their NFCC;
8. The Single Largest Completed Contract should be similar to the project;
9. Each bidder should submit One (1) original and One (1) duplicate copy of the documents contained in Envelopes 1 and 2 of its bid per lot;
10. A soft copy of their bids contained in a flash drive or CD should be included in the Original Financial envelope;
11. For the filling up of technical documents, bidders should indicate if they are compliant or if they have a counter offer that will meet the minimum technical specifications of the project. Counter offer should be attached in their bids;
12. Bidders should offer all the items indicated in the lot they are bidding;
13. Submission of bids is until 27 May 2019, Monday, at 9:00 AM at the Office of the Vice Chancellor for Administration or Supply Property and Management Office;
14. Opening of bids will be on 27 May 2018, Monday, at 9:30 AM at the Chancellor's Board room;
15. Official Receipts of the Bidding Documents paid will be checked before accepting their bids;
16. Secretary's Certificate should be included in their bidding documents;
17. Accomplished UP Questionnaire should be notarized;
18. Brochures and/or Manuals can be attached, if any; and
19. All bids that will be received will be stamped with date and time of receipt.

Prof. Cariño informed the prospective bidders that an addendum will be issued for the changes of the technical specifications (Annex A).

Other Matters

1. No Pre-bid Conference will be scheduled for the project: Supply, Delivery, and Installation of Various Scientific Equipment because its Approved Budget for the Contract is below One (1) Million, Php 467,000.00. Prospective bidders are free to ask queries at the SPMO not later than 20 May 2019. Opening of Bids will be on 27 March 2019 at 1:30 PM at the Chancellor's Conference Room. The project consist of the following:
    a. Analytical Balance (Php 70,000.00);
    b. Digital Top Loading Balance (Php 50,000.00);
    c. Drying Oven (74,000.00);
    d. Heating Mantle (65,000.00);
    e. Hot Plate with Magnetic Stirrer (70,000.00);
    f. Stirring Bar (Php 4,000.00);
    g. Thermostatic Water Bath (Pgp 60,000.00);

h. pH Meter (24,000.00); and
i. Centrifuge (Php 50,000.00).

The meeting was adjourned at 12:55 PM.

Prepared by:

Segrid Yan A. Bucagan
Secretariat

Noted by:

Prof. Jessica K. Cariño
VCA & BAC Chair

	Specifications	
	Original	**Revised**
Lot 1		
20L Rotary evaporator w/ vacuum pump and cooler	**A.20L explosion proof rotary evaporator: specifications** Rotary Bottle: 20L (flange φ95) Collecting Bottle: 10L (flange φ60) Condenser: Vertical three backflow, φ130*680mm(main), φ160*530mm(SUB) Charging Valve: 34#(standard size) Rotating Speed: 0-110 rpm Vacuum: -0.098 Mpa Temperature control range: 0-400°C Temperature control accuracy: ±1°C Rotating power: 120 W Heating power: 5 KW Power supply: 220/50 V/Hz External size(W*D*H): 1100*600*2100 mm Standard Accessory: 20Lrotary bottle*2, 10Lcollecting Bottle*2 Explosion-proof transducer, Explosion-proof motor EX120W	**A.20L explosion proof rotary evaporator: specifications** Rotary Bottle: 20L (flange φ95) Collecting Bottle: 10L (flange φ60) Condenser: Vertical three backflow, φ130*680mm(main), φ160*530mm(SUB) Charging Valve: 34#(standard size) Rotating Speed: 0-110 rpm Vacuum: -0.098 Mpa Temperature control range: 0-400°C Temperature control accuracy: ±1°C Rotating power: 120 W Heating power: 5 KW Power supply: 220/50 V/Hz External size(W*D*H): 1100*600*2100 mm Standard Accessory: 20Lrotary bottle or flask*2, 10Lcollecting Bottle*2 Explosion-proof transducer, Explosion-proof motor EX120W
	B.Vertical Circulating Water Vacuum Pump: Specifications Flow Rate (L/min): Approx. 80 Lift (m): Approx. 12 Power (W): Approx. 370 Single end sucking rate (L/min): Approx. 10 Water storage tank volume(L): Approx. 50	**B.Vertical Circulating Water Vacuum Pump: Specifications** Flow Rate (L/min): Approx. 80 Lift (m): Approx. 12 Power (W): Approx. 370 Single end sucking rate (L/min): Approx. 10 Water storage tank volume(L): Approx. 50

	Vacuum Degree (Mpa)	-0.098 or better	Vacuum Degree (Mpa)	-0.098 or better
	Voltage/Frequency (V/Hz)	220/50	Voltage/Frequency (V/Hz)	220/50
	C.Recirculating Chiller: Specifications		**C.Recirculating Chiller: Specifications**	
	Temperature Control Range	5 °C ~ 40°C	Temperature Control Range	Not lower than 5°C
	Temperature Control	PID	Temperature Control	PID
	Temperature Stability	±0.3°C	Temperature Stability	±0.3°C
	Temperature Sensor	PT100	Temperature Sensor	PT100
	Display Resolution	0.1°C	Display Resolution	0.1°C
	Pump Flow Rate	20L/min	Pump Flow Rate	20L/min
	Cooling Capacity	1.2Kw	Cooling Capacity	1.2Kw
	Refrigerant	R134a	Refrigerant	R134a
	Pump Capacity Pressure	0~1.5bar	Pump Capacity Pressure	0~1.5bar
	Filling Volume Liters	Min. 8L	Filling Volume Liters	Min. 8L
	Power Supply	AC220V±10%, 50Hz	Power Supply	AC220V±10%, 50Hz
Lot 2				
Flash chromatography system with advanced solvent evaporation set up	**A.Flash Chromatography System: Specifications**		**A.Flash Chromatography System: Specifications**	
	Solvent delivery	Two constant volume (3 mL) electric HPFC pumps	Solvent delivery	Two constant volume (3 mL) electric pumps
	Flow rate	1–200 mL/min	Flow rate	1–200 mL/min
	Pressure limit	145 psi (10 bar)	Pressure limit	145 psi (10 bar)
	Sample Interval	Milligrams–75 grams	Detector	PDA
	uV Detection	variable wavelength (200–400 nm)	uV Detection	variable wavelength (200–400 nm)
	Flow cell path length	0.3 mm		
	uV collection modes	Single/dual/λ-All wavelengths (variable UV and UV-VIS)	uV collection modes	Single/dual/λ-All wavelengths (variable UV and UV-VIS)
	Fractionation modes	Volume, threshold, threshold with volume, low slope, medium slope, custom slope or via external detection	Fractionation modes	Volume, threshold, threshold with volume, low slope, medium slope, custom slope or via external detection
	Collection vessels	Test tubes (13 mm, 16 mm, 18 mm, and 25 mm) and bottles (120 mL, 240 mL, and 480 mL)	Collection vessels	At least 100 test tubes each with rack (13 mm, 16 mm, 18 mm, and 25 mm) And at least 2 bottles each (100-150 mL, 200-250mL, and 350-500 mL)
	Power	100–240 VAC, 50/60 Hz, 4.0 A	Power	100–240 VAC, 50/60 Hz, 4.0 A

	System Control & Data management	On-board computer with 10.4" touch screen interface	System Control & Data management	On-board computer with touch screen interface
	Dimensions	355 mm (14") x 596 mm (23.5") x 497 mm (19.6") add 178		
	INCLUDES the FOLLOWING:	Compatible C18 silica flash cartridges of at least one (1) of each: 10g, 20g and 120g (or of similar sizes) four (4) pcs Collecting Rack for test tubes		Compatible C18 silica flash cartridges of at least one (1) of each: 10g, 20g and 120g
			INCLUDES the FOLLOWING:	Initial Solvent Set: 2 4L of Methanol and LCGrade Water
				With test kit and user acceptance training for personnel
	B.Advance Solvent Evaporation Set-up: Specifications		**B.Advance Solvent Evaporation Set-up: Specifications**	
	Solvent Compatibility	Boiling points from 30 °C to 160 °C (up to 205 °C with an external vacuum pump).	Solvent Compatibility	Boiling points from 30 °C to 160 °C (up to 205 °C with an external vacuum pump).
	Heating	20 °C to 70 °C	Heating Control	20 °C to 70 °C
	Rotational Speed	3000 to 8000 rpm	Rotational Speed	3000 to 8000 rpm
	Condenser	Refrigerated condenser temperature: -25 °C. Automated and manual draining; and manual defrost.	Condenser	Refrigerated condenser temperature: Not higher than -25 °C. Automated and manual draining; and manual defrost.
	Vacuum	Pressure control method: Variable speed and level. Internal vacuum Pump: 4 mbar. Optionally an external vacuum pump can be connected using a KF-16 vacuum flange.	Vacuum	Pressure control method: Variable speed and level. Internal vacuum Pump: 4 mbar. Optionally an external vacuum pump can be connected using a KF-16 vacuum flange.
	Vial Size Compatibility	30 mL scintillation vial 20 mL Scintillation vial 16 mL vial 8 mL Vial 4 mL (3 variants)	Vial Size Compatibility	30 mL scintillation vial 20 mL scintillation vial 16 mL vial 8 mL Vial 4 mL (3 variants)
	Solvent Reclamation	Up to 98% of solvent vapors under typical conditions	Solvent Reclamation	Up to 98% of solvent vapors under typical conditions
	Exhaust	Double trapping	Exhaust	Double trapping
	Electrical Supply	220–240 V~, 50 and 60 Hz, 10 A	Electrical Supply	220–240 V~, 50 and 60 Hz, 10 A
			With test kit and user acceptance training for personnel	