

**University of the Philippines Manila**  
**The Health Sciences Center**  
**BIDS & AWARDS COMMITTEE I (BAC I)**

Proj. Ref. No. BAC1-18-035

Opening of Bid: 2 May 2018

End-User DEPARTMENT OF LABORATORIES, MICRIBIOLOGY SECTION, PGH

Project SUPPLY & DELIVERY OF CHEMICALS AND REAGENTS WITH USE OF MACHINE - MICROBIOLOGY

Contract FOR 2018

ITEM NO.	QTY	UNIT	ITEM DESCRIPTION	APPROVED BUDGET FOR THE CONTRACT PER UNIT (PHP)	QUOTATIONS (all taxes included)	
					in figures	in words
CLINICAL MICROBIOLOGY						
I. MACHINE ANALYZER-REAGENT TIE-UP FOR BLOOD CULTURE (AUTOMATED BLOOD CULTURE SYSTEM)						
1	200	bottles	Blood Culture Anaerobe bottle (with antibiotic removing device/Resin or its equivalent)	143.00		
2	4,000	bottles	Blood Culture Pedia bottle (with antibiotic removing device/resin or its equivalent)	143.00		
SUB-TOTAL .....				Php600,600.00		

**TERMS AND CONDITIONS**

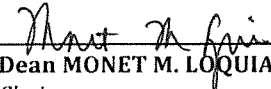
**I. EQUIPMENT:**

- A. Automated blood culture screening machine should be provided and should be able to accommodate at least 600 bottles per day, with auto voltage regulator and UPS that can support 30 minutes of power supply in case of black out.
- B. Machine should be the latest model, brand new, with sustained uptime reliability rate of at least 95% (approximately 28.5 days/ 30 days) until the end of contract (Certification from distributor must be submitted)
- C. Machine should be able to scan barcoded samples
- D. Machine should provide full automation of the tests
- E. Machine should have a large graphical user interface with user-friendly input (preferably colored, and touch screen)
- F. Machine must be able to keep track and print operational data (number of successful runs, errors, flagged tests, etc.)
- G. Machine should be able to forward validated results to the OpenMRS and/or the OpenERP, when applicable, and depending on the advice of the PGH ISO
  1. Certificate of connection to be issued by PGH ISO
- H. Machines should be connected to computer workstations with printers and necessary consumables to print results
- I. Machine/equipment should be delivered and installed within 30 calendar days upon receipt of Notice of Award
- J. Installation and connection of machine analyzers to PGH electrical systems including generators at no extra cost and should be coordinated with PGH OETS
- K. Machine should be able to print result on its own in case of network downtimes
- L. Notarized certification from the manufacturer and local distributor that in the event of change in local distributor, the provision of contract regarding use of machine, preventive maintenance, warranty and services agreed here upon will be honored by the principal manufacturer and responsibilities taken upon by new distributor until the end of contract.
- M. Machine/equipment should not be pulled out until all procured reagents have been consumed, even after the contract has ended

**II. CHEMICALS & REAGENTS**

- A. In general, expiration of consumables and reagents should be not less than six months
- B. Delivery will be on a staggered basis, to be determined by end-user
- C. Provide consumables necessary to perform the number of tests for the duration of the contract
- D. Include disposable 5-ml syringes, 1500 pieces, for venting and transfer purposes

Approved by:

  
 Dean MONET M. LOQUIAS, MHPed, PhD  
 Chairperson

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(Signature over Printed Name of President/Gen. Manager)

(Name & Address of Company)

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**Project SUPPLY & DELIVERY OF CHEMICALS AND REAGENTS WITH USE OF MACHINE - MICROBIOLOGY**

**Contract FOR 2018**

**III. SERVICES & MAINTENANCE FOR THE MACHINES**

- A. Provide preventive maintenance as per manufacturer recommendations and provide fast service at no additional cost.
- B. Service Engineer for trouble shooting and repair of the machine should be available during operational hours.  
Repairs shall be provided within 24 hours or earlier upon notification.
- C. Include maintenance solution or its equivalent and spare parts without additional cost.
- D. Supplier to replace consumed chemicals & reagents during repair and preventive maintenance service.
- E. Provide spill kit appropriate for the type of chemicals provided

**IV. TRAINING**

- A. Training/seminars of end-users (10-15 persons) for the operation of the machine immediately after the installation of the machine (Certification to be submitted)

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<b><u>CLINICAL MICROBIOLOGY</u></b>						
<b>II. MACHINE ANALYZER-REAGENT TIE-UP FOR AUTOMATED IDENTIFICATION AND SUSCEPTIBILITY TESTING MACHINE</b>						
3	1,500	panel	Automated Identification for Fungal	403.00		
4	4,000	panel	Automated Identification for Gram Negative	403.00		
5	4,000	panel	Automated Identification for Gram Positive	403.00		
6	1,500	panel	Automated Sensitivity for Fungal	403.00		
7	6,000	panel	Automated Sensitivity for Gram Negative	403.00		
8	3,000	panel	Automated Sensitivity for Gram Positive	403.00		
<b>SUB-TOTAL .....</b>				<b>Php8,060,000.00</b>		

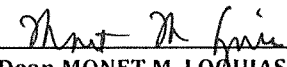
**TERMS AND CONDITIONS**

**I. EQUIPMENT:**

- A. Automated identification and susceptibility testing machine should be provided and should be able to accommodate at least 80 or more tests per day, with auto voltage regulator and UPS that can support 30 minutes of power supply in case of black out
- B. Machine should be up to date with latest Clinical Laboratory Standards Institute (CLSI) guidelines
- C. Machine should be the latest model, brand new. (Certification from distributor must be submitted)
- D. Machine should be fully automated
- E. Machine should be able to scan barcoded samples
- F. Machine preferably has a large colored graphical user interface (at least 14 inches) with user-friendly input (preferably touch screen)
- G. Machine should be connected to computer workstations with printers and necessary consumables to print results
- H. Machine must be able to keep track and print operational data (number of successful runs, errors, flagged tests, etc)
- I. Machine should be able to forward validated results to the OpenMRS and/or the OpenERP, when applicable, and depending on the advice of the PGH ISO
  - 1. Certificate of connection to be issued by PGH ISO
- J. Notarized certification from the manufacturer and local distributor that in the event of a change in the local distributorship, the provision of the contract regarding use of machine, preventive maintenance, warranty and services agreed hereupon shall be honored by the principal manufacturer and the responsibility be taken upon by the new distributor, the manufacturer's designated representative until the end of contract.
- K. Installation and connection of machine to PGH electrical systems including generators at no extra cost.

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Approved by:

  
**Dean MONET M. LOQUIAS, MHPed, PhD**  
 Chairperson

*(Signature over Printed Name of President/Gen. Manager)*

*(Name & Address of Company)*

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**Contract FOR 2018**

**II. CHEMICALS & REAGENTS**

- A. In general, expiration of consumables and reagents should be not less than one (1) year
- B. Delivery will be on a staggered basis, to be determined by end-user
- C. Provide consumables necessary to perform the number of tests for the duration of the contract
- D. Include the corresponding pipettors required for the procedure , and two units of Densitometer with sufficient supply of calibrators

**III. SERVICES & MAINTENANCE FOR THE MACHINES**

- A. Provide preventive maintenance as per manufacturer recommendations and provide fast service at no additional cost.
- B. Service Engineer for trouble shooting and repair of the machine should be available during operational hours.  
Repairs shall be provided within 24 hours or earlier upon notification.
- C. Include maintenance solution or its equivalent and spare parts without additional cost.
- D. Supplier to replace consumed chemicals & reagents during repair and preventive maintenance service.
- E. Provide spill kit appropriate for the type of chemicals provided

**IV. TRAINING**

- A. Training/seminars of end-users (10-15 persons) for the operation of the machine immediately after the installation of the machine (Certification to be submitted)

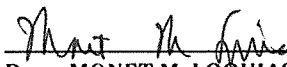
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III. MACHINE ANALYZER-REAGENT TIE-UP FOR AUTOMATED MYCOBACTERIA DETECTION AND SUSCEPTIBILITY TESTING USING FLUOROMETRIC TECHNOLOGY						
10	10	kits	Pyrazinamide Kit (end-user will provide the number of tests per kit)	10,000.00		
11	20	kits	Pyrazimide Susceptibility Medium Kit (end-user will provide the number of tests per kit)	4,068.00		
12	10	kits	Growth Supplement kit (end-user will provide the number of tests per kit)	10,000.00		
13	20	kits	Mycobacteria Culture Growth Indicator Tubes at least 100tubes/box	19,405.00		
14	5	kits	Streptomycin-Isoniazid-Rifampicin-Ethambutol kit	16,146.00		
15	10	kits	Digestion/Decontamination kit	7,590.00		
SUB-TOTAL .....				Php826,090.00		

**TERMS AND CONDITIONS**

**I. EQUIPMENT:**

- A. Automated identification and susceptibility testing machine should be provided and should be able to accommodate at least 80 or more tests per day, with auto voltage regulator and UPS that can support 30 minutes of power supply in case of black out
- B. Provide a latest model, brand new unit for the automated mycobacterial detection and susceptibility testing system.
- C. Machine should use the fluorometric technology
- D. Machine should be up to date with latest Clinical Laboratory Standards Institute (CLSI) guidelines
- E. Machine should perform with a daily uptime of 95% until the end of contract. (Certification from distributor must be submitted).

Approved by:

  
**Dean MONET M. LOQUIAS, MHPed, PhD**  
 Chairperson

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(Name & Address of Company)

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- F. Machine should be fully automated
- G. Machine should be able to scan barcoded samples
- H. Machine should preferably have a large colored graphical user interface (at least 14 inches) with user-friendly input (preferably touch screen)
- I. Machine should be connected to computer workstations with printers and necessary consumables to print results
- I. Machine must be able to keep track and print operational data (number of successful runs, errors, flagged tests, etc)
- J. Machine should be able to forward validated results to the OpenMRS and/or the OpenERP, when applicable, and depending on the advice of the PGH ISO
- I. Certificate of connection to be issued by PGH ISO
- K. Notarized certification from the manufacturer and local distributor that in the event of a change in the local distributorship, the provision of the contract regarding use of machine, preventive maintenance, warranty and services agreed hereupon shall be honored by the principal manufacturer and the responsibility be taken upon by the new distributor, the manufacturer's designated representative until the end of contract..
- L. Installation and connection of machine to PGH electrical systems including generators at no cost.
- M. m) Machine/ equipment should not be pulled out until all procured reagents have been consumed even after the contract has ended

**II. CHEMICALS & REAGENTS**

- A. In general, expiration of consumables and reagents should be not less than one (1) year
- B. Delivery will be on a staggered basis, to be determined by end-user
- C. Provide consumables necessary to perform the number of tests for the duration of the contract
- D. Include 20 BOXES (100 PIECES PER BOX) OF Tuberculin syringes for transfer of aliquot volume for antibiotics in the performance of susceptibility testing

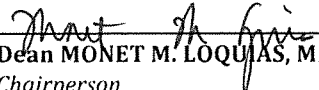
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- C. Include maintenance solution or its equivalent and spare parts without additional cost.
- D. Supplier to replace consumed chemicals & reagents during repair and preventive maintenance service.
- E. Provide spill kit appropriate for the type of chemicals provided

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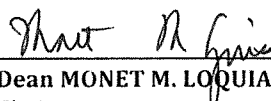
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V. REAGENTS AND CONSUMABLES FOR OTHER CLINICAL MICROBIOLOGY TEST						
16	20	bottle	Auramine powder 25 grams/bottle	2,369.00		
17	30	bottle	Columbia agar 500 grams/bottle	2,173.00		
18	1	bottle	Cooked Meat pellets 500	11,172.25		
19	20	bottle	Crystal Violet powder 25	800.00		
20	100	bottle	Horse' blood 200ml/bottle	2,070.00		
21	40	bottle	MacConkey agar 500	1,879.00		
22	10	bottle	Methylene blue 25	1,420.00		
23	5	bottle	Phenyl Ethanol agar 500	4,830.00		
24	10	bottle	Saborauds/Dextrose agar 500	1,719.00		
25	300	bottle	Sheep's blood 200ml/bottle	2,070.00		
26	10	bottle	Tryptic /Trypticase Soy agar 500	3,345.00		
27	4	bottle	Wilkins/Chalgren agar 500	7,670.00		
28	200	carts	Ampicillin/Sulbactam disc 10/10ug, 50discs/cartridge	213.00		
29	200	carts	Cefazolin disc 30ug, 50discs/cartridge	213.00		
30	300	carts	Levofloxacin disc 5 ug, 50discs/cartridge	213.00		
31	3	carts	V-Factor disc 50discs/cartridge	1,035.00		
32	3	carts	X-Factor 50 discs/cartridge	1,035.00		
33	3	carts	XV-Factor 50 discs/cartridge	1,035.00		
34	4	kits	Streptococcal Grouping test kit (end user will provide total number	18,600.00		
35	5,000	plates	Blood agar with 5% sheep's blood	64.00		
36	5,000	plates	MacConkey agar with bile salts and crystal violet	54.00		

Approved by:

  
 Dean MONET M. LOQUIAS, MHPed, PhD  
 Chairperson

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37	200	sachet	Anaeropack CO2 (2.5 L)	195.00		
38	200	strips	Ampicillin MIC strips	241.00		
39	100	strips	Levofloxacin MIC (Minimum Inhibitory Concentration) strips indiv	540.00		
40	200	strips	Penicillin MIC strips	241.00		
41	300	swab	Vancomycin MIC strips	241.00		
42	1,000	tubes	Amies transport swab with charcoal	34.00		
43	600	vials	Strep B Carrot broth	263.00		
44	30	vials	Rabbit's Plasma 2ml/vial	359.00		
45	3	vials	Vibrio cholera Inaba 1ml/vial	11,350.00		
46	3	vials	Vibrio cholera Ogawa 1ml/vial	11,350.00		
	3	vials	Vibrio cholera Polyvalent 1ml/vial	11,350.00		
<b>LOT PRICE .....</b>				<b>Php2,551,807.25</b>		
<b>TOTAL APPROVED BUDGET FOR THE CONTRACT:</b>				<b>Php12,038,497.25</b>		
<b>(CLINICAL MICROBIOLOGY SECTION)</b>						

A. In general, expiration of consumables and reagents should be not less than one year

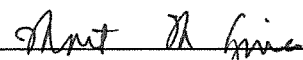
B. Delivery will be on a staggered basis, to be determined by end-user

**For Sheep and Horse Blood**

A. Supplies must be delivered fresh, date of extraction and expiration must be indicated in the label.

B. Delivery must be on staggered basis and as called for by the end-user.

Approved by:

  
**Dean MONET M. LOQUIAS, MHPed, PhD**  
 Chairperson

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