



## REQUEST FOR QUOTATION

Date: 10 July 2025

Reference: RFQ CO-25-020SVP

1. The Philippine Institute of Traditional and Alternative Health Care (PITAHC) through its Bids and Awards Committee (BAC) invites interested bidders to submit a quotation for the procurement of the item stated below with the total Approved Budget for the Contract (ABC) amounting to **NINE HUNDRED EIGHTY-SEVEN THOUSAND EIGHT HUNDRED THIRTY-SEVEN PESOS AND THREE CENTAVOS (PHP987,837.03) inclusive of all applicable taxes and other charges:**

PITAHC 2025 APP Ref	PR Number	Item Description
5020700000	25-03-0050	<b>WATER REHABILITATION FOR PITAHC CENTRAL LABORATORY: SUPPLY AND INSTALLATION CONSTANT PRESSURE SYSTEM PUMP AND PLUMBING WORKS</b>  <i>(See Terms and Conditions for detailed requirements)</i>

3. Procurement shall be conducted through Small Value Procurement under Section 53.9 - Negotiated Procurement as prescribed under Rule XVI- Alternative Methods of Procurement of the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act (R.A.) No. 9184, otherwise known as the "Government Procurement Reform Act".
4. The quotation must be duly signed by the bidder and must be submitted to the BAC Secretariat, PITAHC Building, Matapang St., East Avenue Medical Center Compound, Barangay Central, Quezon City or sent thru fax at (02) 8376-3067 or email at bac@pitahc.gov.ph. The quotation shall be received until **16 July 2025, 12:00 PM.**
5. The bidder must **submit a copy** of the following documents, **together with the quotation**, to ensure that the said bidder is technically, legally, and financially capable to undertake the proposed project:
- Valid and current Mayor's/Business Permit 2024/2025
  - Notarized Omnibus Sworn Statement by the prospective bidder in the new prescribed form as per GPPB Resolution No. 16-2020, attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)
  - Annual Income Tax Returns/Latest Business Tax Returns for the Year 2024
  - Valid Philippine Contractors Accreditation Board (PCAB) License or Special PCAB License in case of Joint Ventures, and registration for the type and cost of the contract to be bid
  - PHILGEPS Registration Number *(to be indicated in the Price Quotation Form)*
6. PITAHC reserves the right to waive any formality in the responses to the eligibility requirements and to this invitation. PITAHC further reserves the right to reject all quotations, or declare a failure of small value procurement, or not award the contract, and makes no assurance that the contract shall be entered into as a result of this invitation without thereby incurring any liability to the affected bidder or bidders in accordance with R.A. No. 9184 and its Implementing Rules and Regulations.
7. For any clarification, you may contact Mr. **Rodelio D. Mendez Jr.** at telephone no. (02) 8282-5194 loc 303.

  
**ATTY. KEENTH N. ALMEÑA**  
Chairperson, PITAHC BAC



## TERMS AND CONDITIONS

### **WATER REHABILITATION FOR PITAHC CENTRAL LABORATORY: SUPPLY AND INSTALLATION CONSTANT PRESSURE SYSTEM PUMP AND PLUMBING WORKS**

#### **I. Rationale**

The Philippine Institute of Traditional and Alternative Health Care (PITAHC) was established through Republic Act 8423, otherwise known as the Traditional and Alternative Medicine Act of 1997, to, among others, encourage scientific research and develop traditional and alternative health care systems that have a direct impact on public health care. One of its key mandates is to plan and conduct research and development activities in traditional and alternative health care. This mandate underscores the need for well-equipped and fully functional laboratories that can support advanced research and development.

In accordance with the Professional Regulation Commission's (PRC) inspection report for the PITAHC's application for a Certificate of Authority to Operate (CATO) a Chemical Laboratory, the need to ensure adequate water supply and pressure has been clearly emphasized as a critical factor for an effective conduction of laboratory operations.

This reinforces the need for a water system rehabilitation of the PITAHC Central Office Laboratory, which will help address any potential issues related to water supply and water pressure.

#### **II. Objectives**

The objectives of the water system rehabilitation are as follows:

- a. Ensure adequate and reliable water supply for the daily operation of the laboratory;
- b. Evaluation of water-intensive equipment and processes in the laboratory;
- c. Identify and address potential water-related risks, such as water supply disruptions or water leakage.

#### **III. Scope of Works**

##### **1. Design Phase**

###### **1.1. Submission of Shop drawings / designs**

- Four (4) original PITAHC - approved, signed and sealed by a Master Plumber/Mechanical Engineer/Sanitary Engineer, - Waterline Distribution Schematic Diagram Design plans and Sewer Line Layout Design plans in printed form, size 20" x 30" and/or A3, and an electronic copy in AutoCAD.

##### **2. Rehabilitation Phase**

###### **2.1. Location: Central Laboratory, 5th Floor**

###### **2.1.1. Installation of New Pipeline and Additional Faucet and Drain**

- Installation of a new water supply pipeline, additional faucet, and drain at the 5th floor, ensuring compliance with building codes and laboratory requirements.
- Chipping/Coring of walls and slabs at 5th floor main laboratory for plumbing and sanitary system installation.

###### **2.1.2. Restoration of Epoxy Flooring and Cleaning**



- Restoration of the epoxy flooring in areas affected by the pipeline installation. The work includes surface preparation, application of epoxy, and finishing to match the existing flooring.
- Final cleaning of the pump room to remove debris and residues from the installation process.
- 2.1.3. Installation of Water Flow meter
  - Supply and installation of a new water flow meter for measuring water consumption of the laboratory.
- 2.1.4. Conduction of Hydrotesting
  - Conduction of Hydrotesting which includes the following tests:
    - Pressure Test to detect leaks for pressurized system (Cold waterline)
    - Hydrostatic Pressure Test / Gravity Test to detect leak for non-pressurized system (sanitary / waste water line)
- 2.2. *Location: Rooms directly below the laboratory, 4th Floor*
- 2.2.1. Dismantling and restoration of ceiling at 4th floor for plumbing and sanitary system installation
  - Dismantling and restoration of ceiling at rooms directly below the central laboratory 4th floor to access plumbing and sanitary system of the 5th floor (if necessary based on the assessment of the contractor)
- 2.3. *Location: Pump Room, Ground Floor*
- 2.3.1. Installation of Constant Booster Pump and Plumbing Works
  - Supply and deliver all the required labor, tools, materials, and equipment, as well as the necessary supervision and technical expertise to execute and complete the rehabilitation of PITAHC Central Office Laboratory Water System;
- 2.3.2. Dismantling and Removal of Obsolete System Components
  - Removal of the existing booster pump, pressure regulating tank, and other obsolete system components.
- 2.3.3. Installation of Piping, Fittings, and Valves
  - Supply and installation of new piping, fittings, and valves to accommodate the new booster pump system.
- 2.3.4. Mounting of New Constant Pressure System
  - Installation of a duplex-type constant pressure booster system, including securing the units on appropriate mounting frames.
- 2.3.5. Wiring of Motor to Control and Load Side
  - Electrical wiring connections from the motor to the control panel and load side.



2.3.6. Termination

- Proper termination of electrical and plumbing connections to ensure secure and leak-free operation.

2.3.7. Testing and Commissioning

- Conduct operational tests to ensure the system delivers the required performance specifications.

2.3.8. Restoration and Cleaning

- Restore any damage brought about by the repair, replacement, and installation including patching the holes, smoothing the surfaces, and ensuring a clean finish;
- Final cleaning of the pump room to remove debris and residues from the installation process.

2.4. Provide safety signage/early warning signs visible at the jobsite;

2.5. Submission of as-built drawings/diagrams

- Four (4) original PITAHC - approved, signed and sealed by a Master Plumber/Mechanical Engineer/Sanitary Engineer, - As-built Waterline Distribution Schematic Diagram plans and Sewer Line Layout plans in printed form, size 20" x 30" and/or A3, and an electronic copy in AutoCAD.

**3. Technical Support Services**

- 3.1. All throughout the Purchase Order or contract period, the Contractor shall be available to respond to all queries on various issues related to the Rehabilitation of Water Supply System as well as to requests that require urgent support.
- 3.2. The Contractor shall ensure the prompt submission of all the required service reports for review and reference of PITAHC.

**4. Special Provisions**

- 4.1. The Contractor shall ensure that the implementation of the Purchase Order or contract will not, in any way, cause any disruption/disturbance to the operations of PITAHC.
- 4.2. During the implementation of the Purchase Order or contract, the Contractor shall ensure that no chemicals, materials, and equipment will endanger the safety and health of anyone within the PITAHC building and premises.
- 4.3. The Contractor shall be fully responsible and liable for any injury to anyone within the PITAHC building and premises, and for any damage, loss, or destruction of any property and/or installation of PITAHC, when such injury, damage, loss, and destruction shall be due to the fault and negligence of the Contractor.

**IV. Equipment Specifications**

1. Constant Pressure Booster System (Duplex Type):
  - Two (2) units – Vertical in-line multistage Booster pump (constructed with Cast iron body and stainless steel impeller), coupled to CPS motor controller 2.2kW, single - 3 phase, 220-230V, 60Hz with built-in Variable Frequency Drive (VFD)
  - One (1) unit - Bladder Tank, 35L capacity
2. Water Flow Meter



- One (1) unit - DN25 Water flow meter (constructed with corrosion-proof copper alloy)
- Maximum flowrate: 7.0 m<sup>3</sup>/h
- Nominal flowrate: 3.5 m<sup>3</sup>/h
- Transitional flowrate: 280 L/h
- Minimum flowrate: 70 L/h
- Maximum reading: 99999.9999 m<sup>3</sup>
- Minimum reading: 0.0001 m<sup>3</sup>

#### **V. Warranty Provisions**

The warranty for all supplied materials and components, along with the workmanship, is two (2) years from the date of acceptance by PITAHC. However, the warranty for the system including booster pumps shall be one (1) year from the date of acceptance by PITAHC.

#### **VI. Approved Budget for the Contract (ABC)**

The approved budget for this procurement is inclusive of all applicable government taxes, professional fees, and other incidental and administrative costs chargeable against the funds of the PITAHC Research and Development Division.

#### **VII. Inspection of Site**

1. As part of the procurement requirement, the contractor shall conduct an initial site inspection to secure a **Certificate of Site Inspection**, which shall be issued by PITAHC and shall be submitted as part of the technical proposal.
2. The contractor shall inspect the site premises to consider all the conditions that may directly or indirectly affect the works, including verification of the scope of works to be done.

#### **VIII. Safety Requirements**

In order to ensure the safety of its personnel, the service provider shall:

1. Ensure that the standard safety procedures, minimum public health standards prescribed by the Department of Health (DOH), and such related protocols or guidelines issued by the appropriate government agencies shall be applied and complied with; and
2. Ensure that the workers are in proper safety attire/uniform.

#### **IX. Prohibitions**

The following are prohibited acts inside the PITAHC building, premises, work, and storage areas for the duration of the project:

1. Smoking;
2. Drinking alcoholic beverages;
3. Using illegal drugs and other prohibited substances;
4. Gambling of any type;
5. Carrying items determined by PITAHC as "deadly instruments".
6. Sleeping in the project site;
7. Having meals and/or snacks within the project work areas; and
8. Using the elevator unnecessarily except when transporting large equipment, tools, materials, supplies, and consumables to the project areas, or in case of emergency.

#### **X. Contract Period**



The rehabilitation of the water supply system shall be completed within forty eight (48) calendar days from receipt of **Notice to Proceed** and the signing of the **Contract Agreement**.

## **XI. Terms of Payment**

PITAHC shall pay the Contractor through progress payments upon completion, as well as submission to and acceptance by PITAHC, of the required deliverables. All payments made by PITAHC to the Contractor shall be subject to the usual government accounting and auditing laws, rules and regulations.

The progress payments shall be made as follows:

1. **First Tranche:** Fifteen percent (15%) of the total contract amount to cover mobilization fee
  - 1.1 **Payment Terms:**
    - 1.1.1 Payment will be processed upon submission to and acceptance by PITAHC of the following documents:
      - 1.1.1.1 Signed Contract Agreement
      - 1.1.1.2 Shop drawings / Design Plans printed in size 20" x 30" and/or A3 size paper, and an electronic copy in AutoCAD.
2. **Final Tranche:** Eighty five percent (85%) of the total contract amount
  - 2.1 **Payment Terms:**
    - 2.1.1 Payment will be processed upon submission to and acceptance by PITAHC, of the following deliverables:
      - 2.1.1.1 Completion of the Scope of Works (Item A-G of Annex A); and
      - 2.1.1.2 Conduct of technical training for identified PITAHC personnel on the administration, operation, maintenance, minor troubleshooting, and handling of all the components to be supplied.
    - 2.1.2 Submission of the following documents:
      - 2.1.2.1 Hydrotesting test report/s
      - 2.1.2.2 Service Report/s including results of the water pressure and water leak test and pictures taken before, during and after the conduct of the rehabilitation services;
      - 2.1.2.3 Warranty Certificate of at least two (2) years (from the date of acceptance by PITAHC) for all supplied materials and components, along with the workmanship, while at least one (1) year for the Constant Pressure system including booster pumps, from the date of acceptance by PITAHC.
      - 2.1.2.4 Four (4) original PITAHC-approved, signed and sealed by a Master Plumber/Mechanical Engineer/Sanitary Engineer, - as built Waterline Distribution Schematic Diagram plans and Sewer in printed form, size 20" x 30" and/or A3, and an electronic copy in AutoCAD;
      - 2.1.2.5 Certificate of Inspection and Acceptance issued by PITAHC;
      - 2.1.2.6 Certificate of Completion issued by PITAHC;
      - 2.1.2.7 Request for Payment; and
      - 2.1.2.8 Other documents as may be required.
    - 2.1.3 A ten percent (10%) retention money from the amount corresponding to one hundred percent (100%) of the total contract amount, prior to any deduction, shall be imposed.

### **3. Release of the Ten Percent (10%) Retention Money:**

- 3.1 **Payment Terms:**



- 3.1.1 The retention fee may be released within 15 days from the issuance of the final acceptance of the project by PITAHC.
- 3.1.2 The Contractor shall post a *warranty security* which commences from the final acceptance shall remain effective for one (1) year from the issuance of the Certificate of Final Acceptance by the PITAHC, and returned only after the lapse of the said period.
- 3.1.3 The Contractor shall submit the Request for Release of Retention Money.
- 3.1.4 PITAHC shall issue the Certificate of Final Inspection and Acceptance.
- 3.1.5 PITAHC may require the Contractor to submit other necessary documents.

## **XII. QUALIFICATIONS OF THE CONTRACTOR**

The service provider must have at least One (1) Master Plumber / Sanitary Engineer / Mechanical Engineer with a valid license issued by the Professional Regulation Commission (PRC).

## **XIII. DUTIES AND RESPONSIBILITIES OF THE CONTRACTOR**

1. Ensure that the Scope of Work is conducted and completed based on the submitted and approved schedule.
2. Assign trained and qualified technical personnel for the provision of the rehabilitation services.
3. Coordinate with PITAHC regarding the execution of the Purchase Order or contract, and obtain PITAHC's approval for any pertinent detail concerning the rehabilitation services to be rendered.
4. Ensure that all the materials, tools, and equipment that will be used shall be of the required quality used in good commercial trade practice, and shall essentially be the standard products of reputable manufacturers.
5. Ensure that all its technical personnel will comply with the wearing of appropriate company uniform and ID.
6. Provide its technical personnel with the appropriate personal protective equipment, when needed.
7. Ensure that all its technical personnel will abide by PITAHC's safety procedures and protocols, including the wearing of face masks, if warranted.
8. Clean the work areas and any other space that will be affected by the rehabilitation services.
9. Turn-over to PITAHC all the waste materials that will be generated from the rehabilitation services.



**ANNEX A**

**BILL OF QUANTITIES**

ITEM NO.	DESCRIPTION	QTY	UNIT
<b>A.</b>	<b>General Requirement</b>		
	Mobilization/ Demobilization	1	LOT
	Site Management	1	LOT
	Chipping/Coring and Restoration	1	LOT
	Design Plans / Shop Drawings	1	LOT
	Miscellaneous and Consumables	1	LOT
	Hangers and Supports	1	LOT
	Testing and Commissioning	1	LOT
<b>B.</b>	<b>Sanitary Sewer Line</b>		
	PVC Pipe S-1000		
	100 mm Ø	6	LM
	50 mm Ø	9	LM
	WYE Standard		
	100 mm Ø	2	PCS
	50 mm Ø	4	PCS
	WYE Reducer		
	100 mm Ø x 50 mm Ø	2	PCS
	Elbow 45°		
	100 mm Ø	3	PCS
	50 mm Ø	6	PCS
	Elbow 90°		
	50 mm Ø	3	PCS
	TEE Standard		
	50 mm Ø	2	PCS
	Clean Out Adapt. & Plug		
	100 mm Ø	1	PCS



	50 mm Ø	2	PCS
	P-trap		
	50 mm Ø	2	PCS
<b>C.</b>	<b>Ventilation System</b>		
	PVC Pipe S-1000		
	50 mm Ø	18	LM
	TEE Standard		
	50 mm Ø	6	PCS
	Elbow 90°		
	50 mm Ø	6	PCS
	End Cap		
	50 mm Ø	2	PCS
<b>D.</b>	<b>Potable Water Line Distribution System</b>		
	PPR PIPE (PN20)		
	25 mm Ø	4	LM
	20 mm Ø	15	LM
	PPR Elbow 90°		
	20 mm Ø	10	PCS
	PPR TEE EQUAL		
	20 mm Ø	2	PCS
	PPR REDUCER		
	25 mm Ø x 20 mm	4	PCS
	PPR COUPLING		
	20 mm Ø	5	LM
	PPR END CAP		
	25 mm Ø	2	PCS
	20 mm Ø	4	PCS
	PPR MALE ADAPTER		
	20 mm Ø x 1/2" Ø	4	PCS
	PPR TEE FEMALE ADAPTER		



	20 mm Ø x 1/2" Ø	2	PCS
	GATE VALVE		
	1/2" Ø	2	PCS
	Water Flow Meter		
	1/2" Ø	1	PCS
E.	Laboratory Fixtures		
	Fumehood sink and faucet (Labor only; sink and faucet will be provided by PITAHC)	1	SET
F.	Constant Pressure System Pump		
	Type of system; Package Type 2 Pumps System  Pumps in system operated with individual variable frequency drive integrated to the motors  To supply One (1) set of "CNP" Booster System incorporating  the following components:  * Two (2) units Vertical Inline Multi Stage Pump constructed with stainless steel impeller, shaft, cast iron pump casing and intermediate chamber, coupled to 2.2kW, 220-230Volts, Single-3 Phase, 60Hz with built-in VFD.	1	SET
G.	As Built Plans	1	LOT



## OTHER TERMS AND CONDITIONS

1. Bidders shall provide the **correct and accurate information** required in this form.
2. Delivery Term: **The rehabilitation of the water supply shall be completed within forty-eight (48) calendar days from receipt of Notice to Proceed and signing of the Contract Agreement**
3. Place of Delivery: **PITAHC Building, Central Office, Matapang Street, Barangay Central, Quezon City**
4. Terms of Payment : **Refer to Item XI of the Terms and Conditions**
5. Price quotation must be valid for a period of **thirty (30) calendar days** from the date of submission.
6. Price quotation to be denominated in **Philippine Peso (PhP)**, include all taxes and duties and/or levies payable.
7. Quotations exceeding the ABC shall be automatically rejected.
8. In addition to the submission of the Price Quotation Form, **bidder shall submit a Certificate of Satisfactory Completion/Performance for those who have previous contracts with PITAHC one (1) year from the deadline of submission of quotation, if applicable.**
9. The **award of contract** shall be made to the single or lowest calculated and responsive quotation, which complied with the minimum technical specifications and other terms and conditions stated herein.
10. Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the bidder or any of his/her duly authorized representative/s.
11. Liquidated damages equivalent to one tenth of one percent (0.001%) of the value of the goods/services not delivered within the prescribed delivery period shall be imposed per day of delay. PITAHC shall rescind the contract once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, without prejudice to other courses of action and remedies open.



## PRICE QUOTATION FORM

Date: \_\_\_\_\_

**The Bids and Awards Committee**

PITAHC Building, Matapang Street, East Avenue Medical Center Compound,  
Barangay Central Quezon City

Sir/Madam:

After having carefully read and accepted the Terms and Conditions, I/we submit our quotation for the item as follows:

Item Description	Total Price (Exclusive of all costs, applicable taxes, and service charges:)	Total Price (Inclusive of all costs, applicable taxes, and service charges)
<b>WATER REHABILITATION FOR PITAHC CENTRAL LABORATORY: SUPPLY AND INSTALLATION CONSTANT PRESSURE SYSTEM PUMP AND PLUMBING WORKS</b>		

Bidder **must** state the Total Amount in Words of their offer:

LOT 1

\_\_\_\_\_  
\_\_\_\_\_

The above-quoted price is inclusive of **all costs** and applicable taxes.

Very truly yours,

Signature : \_\_\_\_\_

Printed Name : \_\_\_\_\_

Date : \_\_\_\_\_

Company Name : \_\_\_\_\_

Contact Number : \_\_\_\_\_

PHILGEPS Registration Number: \_\_\_\_\_



## PRICE OFFER BREAKDOWN

### BILL OF QUANTITIES

ITEM NO.	DESCRIPTION	QTY	UNIT	DIRECT COST	ADJUSTED TOTAL COST (UNIT COST x QTY)
<b>A.</b>	<b>General Requirement</b>				
	Mobilization/ Demobilization	1	LOT		
	Site Management	1	LOT		
	Chipping/Coring and Restoration	1	LOT		
	Design Plans / Shop Drawings	1	LOT		
	Miscellaneous and Consumables	1	LOT		
	Hangers and Supports	1	LOT		
	Testing and Commissioning	1	LOT		
<b>SUBTOTAL</b>					<b>PhP</b>
<b>B.</b>	<b>Sanitary Sewer Line</b>				
	PVC Pipe S-1000				
	100 mm Ø	6	LM		
	50 mm Ø	9	LM		
	WYE Standard				
	100 mm Ø	2	PCS		
	50 mm Ø	4	PCS		
	WYE Reducer				
	100 mm Ø x 50 mm Ø	2	PCS		
	Elbow 45°				
	100 mm Ø	3	PCS		
	50 mm Ø	6	PCS		
	Elbow 90°				
	50 mm Ø	3	PCS		
	TEE Standard				
	50 mm Ø	2	PCS		
	Clean Out Adapt. & Plug				
	100 mm Ø	1	PCS		
	50 mm Ø	2	PCS		
	P-trap				
	50 mm Ø	2	PCS		
<b>SUBTOTAL</b>					<b>PhP</b>
<b>C.</b>	<b>Ventilation System</b>				
	PVC Pipe S-1000				
	50 mm Ø	18	LM		
	TEE Standard				
	50 mm Ø	6	PCS		
	Elbow 90°				
	50 mm Ø	6	PCS		
	End Cap				
	50 mm Ø	2	PCS		
<b>SUBTOTAL</b>					<b>PhP</b>
<b>D.</b>	<b>Potable Water Line Distribution System</b>				
	PPR PIPE (PN20)				
	25 mm Ø	4	LM		
	20 mm Ø	15	LM		
	PPR Elbow 90°				
	20 mm Ø	10	PCS		
	PPR TEE EQUAL				
	20 mm Ø	2	PCS		
	PPR REDUCER				
	25 mm Ø x 20 mm	4	PCS		
	PPR COUPLING				



Republic of the Philippines  
**DEPARTMENT OF HEALTH**  
*Philippine Institute of Traditional and  
Alternative Health Care*



	20 mm Ø	5	LM		
	PPR END CAP				
	25 mm Ø	2	PCS		
	20 mm Ø	4	PCS		
	PPR MALE ADAPTER				
	20 mm Ø x 1/2" Ø	4	PCS		
	PPR TEE FEMALE ADAPTER				
	20 mm Ø x 1/2" Ø	2	PCS		
	GATE VALVE				
	1/2" Ø	2	PCS		
	Water Flow Meter				
	1/2" Ø	1	PCS		
SUBTOTAL					
E.	Laboratory Fixtures				
	Fumehood sink and faucet (Labor only; sink and faucet will be provided by PITAHC)	1	SET		
SUBTOTAL					PhP
F.	Constant Pressure System Pump				
	Type of system: Package Type 2 Pumps System	1	SET		
	Pumps in system operated with individual variable frequency drive integrated to the motors				
	To supply One (1) set of “CNP” Booster System incorporating the following components:				
	* Two (2) units Vertical Inline Multi Stage Pump constructed with stainless steel impeller, shaft, cast iron pump casing and intermediate chamber, coupled to 2.2kW, 220-230Volts, Single-3 Phase, 60Hz with built-in VFD.				
SUBTOTAL					PhP
G.	As Built Plans	1	LOT		
SUBTOTAL					PhP
H	Labor	No. of Person/s	No. of Hour/s	Hourly Rate	Amount
	a. Master Plumber/Sanitary/Mechanical Engineer				
	b. Skilled Laborer				
	c. Unskilled Laborer				
ITEM NO.	Overhead, Contingencies & Miscellaneous (OCM) Expenses				PhP _____
J	Contractor's Profit (CP)				PhP _____
K	Value Added Tax (VAT) and all applicable taxes				PhP _____
TOTAL (A+B+C+D+E+F+G+H+I+J+K)					PhP _____

Conforme:

\_\_\_\_\_  
Name and signature of the  
Authorized Representative

\_\_\_\_\_  
Name of Company

\_\_\_\_\_  
Date





ensuring compliance with building codes and laboratory requirements.		
Chipping/Coring of walls and slabs at 5th floor main laboratory for plumbing and sanitary system installation.	Yes ( )	
<b>Restoration of Epoxy Flooring and Cleaning</b>		
Restoration of the epoxy flooring in areas affected by the pipeline installation. The work includes surface preparation, application of epoxy, and finishing to match the existing flooring.	Yes ( )	
Final cleaning of the pump room to remove debris and residues from the installation process.	Yes ( )	
<b>Installation of Water Flow meter</b>		
Supply and installation of a new water flow meter for measuring water consumption of the laboratory.	Yes ( )	
<b>Conduction of Hydrotesting</b>		
Conduction of Hydrotesting which includes the following tests:		
Pressure Test to detect leaks for pressurized system (Cold waterline)	Yes ( )	
Hydrostatic Pressure Test / Gravity Test to detect leak for non-pressurized system (sanitary / waste water line)	Yes ( )	
<b>Location: Rooms directly below the laboratory, 4th Floor</b>		
Dismantling and restoration of ceiling at 4th floor for plumbing and sanitary system installation	Yes ( )	
Dismantling and restoration of ceiling at rooms directly below the central laboratory 4th floor to access plumbing and sanitary system of the 5th floor (if necessary, based on the assessment of the contractor)	Yes ( )	
<b>Location: Pump Room, Ground Floor</b>		
Installation of Constant Booster Pump and Plumbing Works	Yes ( )	
Supply and deliver all the required labor, tools, materials, and equipment, as well as		



the necessary supervision and technical expertise to execute and complete the rehabilitation of PITAHC Central Office Laboratory Water System;	Yes ( )	
<b>Dismantling and Removal of Obsolete System Components</b>		
Removal of the existing booster pump, pressure regulating tank, and other obsolete system components.	Yes ( )	
<b>Installation of Piping, Fittings, and Valves</b>		
Supply and installation of new piping, fittings, and valves to accommodate the new booster pump system.	Yes ( )	
<b>Mounting of New Constant Pressure System</b>		
Installation of a duplex-type constant pressure booster system, including securing the units on appropriate mounting frames.	Yes ( )	
<b>Wiring of Motor to Control and Load Side</b>		
Electrical wiring connections from the motor to the control panel and load side.	Yes ( )	
<b>Termination</b>		
Proper termination of electrical and plumbing connections to ensure secure and leak-free operation.	Yes ( )	
<b>Testing and Commissioning</b>		
Conduct operational tests to ensure the system delivers the required performance specifications.	Yes ( )	
<b>Restoration and Cleaning</b>		
Restore any damage brought about by the repair, replacement, and installation including patching the holes, smoothing the surfaces, and ensuring a clean finish;	Yes ( )	
Final cleaning of the pump room to remove debris and residues from the installation process.	Yes ( )	
Provide safety signage/early warning signs visible at the jobsite;	Yes ( )	



<b>Submission of as-built drawings/diagrams</b>  Four (4) original PITAHC - approved, signed and sealed by a Master Plumber/Mechanical Engineer/Sanitary Engineer, - As-built Waterline Distribution Schematic Diagram plans and Sewer Line Layout plans in printed form, size 20" x 30" and/or A3, and an electronic copy in AutoCAD.	Yes ( )  Yes ( )	
<b>TECHNICAL SUPPORT SERVICES</b>  All throughout the Purchase Order or contract period, the Contractor shall be available to respond to all queries on various issues related to the Rehabilitation of Water Supply System as well as to requests that require urgent support.  The Contractor shall ensure the prompt submission of all the required service reports for review and reference of PITAHC.	Yes ( )  Yes ( )	
<b>SPECIAL PROVISIONS</b>  The Contractor shall ensure that the implementation of the Purchase Order or contract will not, in any way, cause any disruption/disturbance to the operations of PITAHC.  During the implementation of the Purchase Order or contract, the Contractor shall ensure that no chemicals, materials, and equipment will endanger the safety and health of anyone within the PITAHC building and premises.  The Contractor shall be fully responsible and liable for any injury to anyone within the PITAHC building and premises, and for any damage, loss, or destruction of any property and/or installation of PITAHC, when such injury, damage, loss, and destruction shall be due to the fault and negligence of the Contractor.	Yes ( )  Yes ( )  Yes ( )	
<b>EQUIPMENT SPECIFICATIONS</b>  Constant Pressure Booster System (Duplex Type): <b>Two (2) units – Vertical in-line multistage Booster pump</b> (constructed with Cast iron body and stainless steel impeller),  coupled to CPS motor controller 2.2kW,  single - 3 phase,	Yes ( )  Yes ( )  Yes ( )	



220-230V,	Yes ( )	
60Hz with built-in Variable Frequency Drive (VFD)	Yes ( )	
<b>One (1) unit - Bladder Tank, 35L capacity</b>	Yes ( )	
<b>Water Flow Meter</b>		
One (1) unit - DN25 Water flow meter (constructed with corrosion-proof copper alloy)	Yes ( )	
Maximum flowrate: 7.0 m <sup>3</sup> /h	Yes ( )	
Nominal flowrate: 3.5 m <sup>3</sup> /h	Yes ( )	
Transitional flowrate: 280 L/h	Yes ( )	
Minimum flowrate: 70 L/h	Yes ( )	
Maximum reading: 99999.9999 m <sup>3</sup>	Yes ( )	
Minimum reading: 0.0001 m <sup>3</sup>	Yes ( )	
<b>WARRANTY PROVISIONS</b>		
The warranty for all supplied materials and components, along with the workmanship, is two (2) years from the date of acceptance by PITAHC. However, the warranty for the system including booster pumps shall be one (1) year from the date of acceptance by PITAHC.	Yes ( )	
<b>APPROVED BUDGET FOR THE CONTRACT (ABC)</b>		
The approved budget for this procurement is inclusive of all applicable government taxes, professional fees, and other incidental and administrative costs chargeable against the funds of the PITAHC Research and Development Division.	Yes ( )	
<b>INSPECTION OF SITE</b>		
As part of the procurement requirement, the contractor shall conduct an initial site inspection to secure a <b>Certificate of Site Inspection</b> , which shall be issued by PITAHC and shall be submitted as part of the technical proposal.	Yes ( )	
The contractor shall inspect the site premises to consider all the conditions that may directly or indirectly affect the works, including verification of the scope of works to be done.	Yes ( )	



<b>SAFETY REQUIREMENTS</b>  In order to ensure the safety of its personnel, the service provider shall:  Ensure that the standard safety procedures, minimum public health standards prescribed by the Department of Health (DOH), and such related protocols or guidelines issued by the appropriate government agencies shall be applied and complied with; and  Ensure that the workers are in proper safety attire/uniform.	Yes ( )  Yes ( )	
<b>PROHIBITIONS</b>  The following are prohibited acts inside the PITAHC building, premises, work, and storage areas for the duration of the project:  Smoking;  Drinking alcoholic beverages;  Using illegal drugs and other prohibited substances;  Gambling of any type;  Carrying items determined by PITAHC as "deadly instruments".  Sleeping in the project site;  Having meals and/or snacks within the project work areas; and  Using the elevator unnecessarily except when transporting large equipment, tools, materials, supplies, and consumables to the project areas, or in case of emergency.	Yes ( )  Yes ( )  Yes ( )  Yes ( )  Yes ( )  Yes ( )  Yes ( )	
<b>Contract Period</b>  The rehabilitation of the water supply system shall be completed within forty eight (48) calendar days from receipt of <b>Notice to Proceed</b> and the signing of the <b>Contract Agreement</b> .	Yes ( )	
<b>Terms of Payment</b>  PITAHC shall pay the Contractor through progress payments upon completion, as well as submission to and acceptance by PITAHC, of the required deliverables. All payments made by PITAHC to the Contractor shall be subject to the usual	Yes ( )	



government accounting and auditing laws, rules and regulations.		
The progress payments shall be made as follows: <b>First Tranche:</b> Fifteen percent (15%) of the total contract amount to cover mobilization fee	Yes ( )	
<b>Payment Terms:</b> Payment will be processed upon submission to and acceptance by PITAHC of the following documents:	Yes ( )	
Signed Contract Agreement	Yes ( )	
Shop drawings / Design Plans printed in size 20" x 30" and/or A3 size paper, and an electronic copy in AutoCAD.	Yes ( )	
<b>Final Tranche:</b> Eighty five percent (85%) of the total contract amount	Yes ( )	
<b>Payment Terms:</b> Payment will be processed upon submission to and acceptance by PITAHC, of the following deliverables:	Yes ( )	
Completion of the Scope of Works (Item A-G of Annex A); and	Yes ( )	
Conduct of technical training for identified PITAHC personnel on the administration, operation, maintenance, minor troubleshooting, and handling of all the components to be supplied.	Yes ( )	
<b>Submission of the following documents:</b> Hydrotesting test report/s	Yes ( )	
Service Report/s including results of the water pressure and water leak test and pictures taken before, during and after the conduct of the rehabilitation services;	Yes ( )	
Warranty Certificate of at least two (2) years (from the date of acceptance by PITAHC) for all supplied materials and components, along with the workmanship, while at least one (1) year for the Constant Pressure system including booster pumps, from the date of acceptance by PITAHC.	Yes ( )	
Four (4) original PITAHC-approved, signed and sealed by a Master Plumber/Mechanical Engineer/Sanitary Engineer, - as built Waterline Distribution Schematic Diagram plans and Sewer in printed form, size 20" x 30" and/or A3, and an electronic copy in AutoCAD;	Yes ( )	



<p>Certificate of Inspection and Acceptance issued by PITAHC;</p> <p>Certificate of Completion issued by PITAHC;</p> <p>Request for Payment; and</p> <p>Other documents as may be required.</p> <p>A ten percent (10%) retention money from the amount corresponding to one hundred percent (100%) of the total contract amount, prior to any deduction, shall be imposed.</p>	<p>Yes ( )</p> <p>Yes ( )</p> <p>Yes ( )</p> <p>Yes ( )</p> <p>Yes ( )</p>	
<p><b>RELEASE OF THE TEN PERCENT (10%) RETENTION MONEY:</b></p> <p><b>Payment Terms:</b> The retention fee may be released within 15 days from the issuance of the final acceptance of the project by PITAHC.</p> <p>The Contractor shall post a <i>warranty security</i> which commences from the final acceptance shall remain effective for one (1) year from the issuance of the Certificate of Final Acceptance by the PITAHC, and returned only after the lapse of the said period.</p> <p>The Contractor shall submit the Request for Release of Retention Money.</p> <p>PITAHC shall issue the Certificate of Final Inspection and Acceptance.</p> <p>PITAHC may require the Contractor to submit other necessary documents.</p>	<p>Yes ( )</p> <p>Yes ( )</p> <p>Yes ( )</p> <p>Yes ( )</p> <p>Yes ( )</p>	
<p><b>QUALIFICATIONS OF THE CONTRACTOR</b></p> <p>The service provider must have at least One (1) Master Plumber / Sanitary Engineer / Mechanical Engineer with a valid license issued by the Professional Regulation Commission (PRC).</p>	<p>Yes ( )</p>	
<p><b>DUTIES AND RESPONSIBILITIES OF THE CONTRACTOR</b></p> <p>Ensure that the Scope of Work is conducted and completed based on the submitted and approved schedule.</p>	<p>Yes ( )</p>	



Republic of the Philippines  
**DEPARTMENT OF HEALTH**  
*Philippine Institute of Traditional and  
Alternative Health Care*



Assign trained and qualified technical personnel for the provision of the rehabilitation services.	Yes ( )	
Coordinate with PITAHC regarding the execution of the Purchase Order or contract, and obtain PITAHC's approval for any pertinent detail concerning the rehabilitation services to be rendered.	Yes ( )	
Ensure that all the materials, tools, and equipment that will be used shall be of the required quality used in good commercial trade practice, and shall essentially be the standard products of reputable manufacturers.	Yes ( )	
Ensure that all its technical personnel will comply with the wearing of appropriate company uniform and ID.	Yes ( )	
Provide its technical personnel with the appropriate personal protective equipment, when needed.	Yes ( )	
Ensure that all its technical personnel will abide by PITAHC's safety procedures and protocols, including the wearing of face masks, if warranted.	Yes ( )	
Clean the work areas and any other space that will be affected by the rehabilitation services.	Yes ( )	
Turn-over to PITAHC all the waste materials that will be generated from the rehabilitation services.	Yes ( )	
<b>BIDDER SHALL SUBMIT A CERTIFICATE OF SATISFACTORY PERFORMANCE/COMPLETION FOR THOSE WHO HAVE PREVIOUS CONTRACTS WITH PITAHC ONE (1) YEAR FROM THE DEADLINE OF SUBMISSION OF QUOTATION, IF APPLICABLE</b>	Yes ( )	If no previous contract with PITAHC, check:  ( ) Not Applicable

Conforme:

\_\_\_\_\_  
Name and signature of the  
Authorized Representative

\_\_\_\_\_  
Name of Company

\_\_\_\_\_  
Date