

### Republic of the Philippines CIVIL AVIATION AUTHORITY OF THE PHILIPPINES



# REQUEST FOR QUOTATION

	Date:	May 13, 2024
	RFQ.:	BSVP-ILO 2024-021
Name of Company:		
Address:		
Business Permit No.:		
TIN No.:		
PhilGEPS Registration No.:		

PROCUREMENT:

Supply and Delivery of Multi-Parameter Measuring Tool for Waste Water Monitoring for Iloilo International Airport

Please quote your best offer for the item/s described below, subject to the Terms and Conditions provided on this request for quotation. Submit your quotation duly signed by you or your duly representative and must send copies of eligibility requirements (Business Permit, Omnibus Sworn Statement, PhilGEPS Certificate of Registration, and Special Power of Attorney for Sole Proprietorship/ Secretary Certificate for Corporation and Cooperative, if applicable) not later than May 17, 2024 at 9:00 AM.

Interested bidder must submit this RFQ and Price Quotation in the Bidder's/Supplier's Letterhead sealed in an envelope addressed to the BAC Chairman. Kindly review Terms and Conditions attached herewith.

(SGD.) ROBERTO B. MONTELIJAO JR.

Procurement Officer

### TERMS AND CONDITIONS:

- 1. Bidders must provide correct and accurate information required in this form.
- 2. Only authorized representative shall be allowed to sign the Request For Quotation in behalf of the owner/corporation.
- 3. Bidders must quote for all the items.
- 4. Price quotation/s must be valid for a period of Thirty (30) calendar days from the date of submission.
- 5. Price quotation/s, to be denominated in Philippine peso shall include all taxes, duties and/or levies payable.
- 6. Quotations exceeding the Approved Budget for the Contract shall be rejected.
- 7. Award of contract shall be made to the lowest quotation (for goods and infrastructure) or,the highest rated offer (for consulting services) which complies with the minimum technical specifications and other terms and conditions stated herein.
- 8. Any interlineations, erasures or overwriting shall be valid only if ther are signed or initiated by you or any of your duly authorized representative's.
- 9. The item/s shall be delivered within Ninety (90) Calendar days from receipt of Purchase Order.
- 10. The GPPB-TSO shall have the right to inspect and/or to test the goods to confirm their conformity to the technical specifications.
- 11. Liquidated damages equivalent to one tenth of one percent (0.001%) of the value of the goods not delivered withn the prescribed delivery period shall be imposed per day of delay. The GPPB-TSO 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 to it.

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

ITEM DESCRIPTION		Quantity (QTY)		Approved Budget of the Contract	OFFER							
						PRICE	BRAND indicate brand or generic	Compliance with Technical Specifications (Please Check)		REMARKS		
					QTY	Unit Price	Total Price	(mandatory)	Yes	No	r .	
				PHP 373,137.56								
1.0	Multiparameter Analyzer (see attached specs)	1	set									
	Consumables											
2.0	COD Reagent (100 samples/box)	1	box									
3.0	Ammonia Nitrogen Reagents (100 samples/box)	1	box									
4.0	Total Phosphorus Reagents (100 samples/box)	1	box									
5.0	Total Nitrogen Reagents (100 samples/box)	1	box									
6.0	Tube Rack	1	pc									
7.0	Pipette 1ml	1	pc									
8.0	Pipette 5ml	1	pc									
	Portable PH Meter (see attached	1	set									
9.0	specs)	1	301		Page	1 of 3						

					OFFER							
ITEM DESCRIPTION		Quantity (QTY)		Approved Budget of the Contract		PRICE	BRAND indicate brand or generic	Compliance with Technical Specifications (Please Check)		REMARKS		
				PHP 373,137.56	QTY	Unit Price	Total Price	(mandatory)	Yes	No		
	Consumables											
10.0	Universal Adaptor 9V	1	unit									
11.0	PH Electrode	1	pc			· ·						
12.0	PH4 Buffer Solution 500 ml	1	bottles					-				
13.0	PH7 Buffer Solution 500 ml	1	bottles									
14.0	PH10 Buffer Solution 500ml	1	bottles									
15.0	Deionized Water 500ml	1	bottles									
16.0	Dissolved Oxygen Meter Kit (see attached specs)	1	set									
	Consumables											
17.0	DO Electrode Galvanic w/ ATC	1	pc									
18.0	DO Electrolyte Solution NAOH (30ml)	1	bottle									
	TOTAL											

### Specifications

### I. Multiparameter Analyzer

Measurements COD (-15000mg/L)

Ammonia (0-200mg/L)

Total Phosphorous (10-100mg/L) Total Nitrogen (0-15mg/L) Turbidity, Color, Suspendid Solid, Organic, Inorganic, Metal, Pollutants

Curve number 180 pcs

Data Storage 40 thousands sets

 $COD \leq 50 mg/L, \leq \pm 8\%; Cod > 50 mg/L, \leq \pm 5\%;$ 

TP $\leq \pm 8\%$ ; other indicator  $\leq 10$ 

Repeatability 3%

Colorimetric method By 16mm/25mm round tube

Resolution ratio 0.001Abs

Display screen 3.5" colorful LCD display screen Battery capacity Lithium battery 3.7V 3000mAh

Charging method 5W USB-Type C
Printer External Bluetooth Printer

Host weight 0.6kg

Host size 224 x (108x78)mm

Instrument Power 0.5WAmbient Temperature  $40^{\circ}$  C

Ambient Humidity ≤85%RH (No condensation)

Warranry 1 Year

# II. Portable PH Meter Kit

Kit Inclutions pH meter and sensor, pH 4, pH 7 and pH 10 calibration

solution, calibration certificate, 3 pcs AAA batteries and

rugged carrying case

Datalogger Auto:

and Manual.

Memory Card SD memory card 8G

Data Hold Yes

Meter Dimension 175mm x 58mm x 32mm (with BNC connector)
Power Supply AAA batteries (3 pcs) / 9V AC/DC Adaptor

Temperature  $0^{\circ}90^{\circ}$  C
Temp. accuracy  $\pm 0.5^{\circ}$  C
Measurement range pH 0 to 14 pHAccuracy  $\pm 0.02 pH + 2 digits$ 

pH calibration pH 4, 7, 10, 3 points calibration

 Resolution
 0.01(pH)

 Automatic Temp
 Yes

 Dimension
 12 x 120mm

 Electrode body
 PC

ITEM DESCRIPTION	Quantity (QTY)	Approved Budget of the Contract	OFFER							
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			QTY	Unit Price	Total Price	(mandatory)	Yes	No		
		PHP 373,137.56								

Sensor Type Glass Bulb
ATC Temperature 3.5 mm
Cable length 1 meter
Warranty 1 Year

II. Portable Dissolved Oxygen Kit

Kit Inclutions DO meter, 3 pcs AAA batteries, 1 pc Electrode (DO galvanic type)

Blacl carrying case, Electrolyte ( 0.5M NaOH), 1 pc Membrane cap,

 $10\ pcs$  Membrane, Red sandpaper ( for polishing DO electrode), 8GB SD

card and calibration certificate

Data Hold Yes

Meter dimension 175mm x 58mm x 32 mm (with BNC connector)

Power Supply 3 pcs AAA battery / 9V AC/DC

Parameter DO, temperature

SD Sampling time setting range Auto: (0,2,5,10,15,30,60,120,300,600,900,1800 sec and 1 hr)

and Manual.

# **DO Electrode Specification**

Temperature  $0^{\circ}90^{\circ}$  C Temp. accuracy  $\pm 0.5^{\circ}$  C

Measurement range 0~199.99% (in staturation); 0.0~20 mg/L

Accuracy  $\pm 2\%$  if full scale + 1 digit

 $\begin{array}{ll} \mbox{Resolution} & 0.1\%, \, 0.1 \mbox{ mg/L} \\ \mbox{Calibration} & 100\% \mbox{ Air-saturated} \end{array}$ 

Flow condition 0.3 mL/s

Dimension 12x120mm

Electrode body ABS

Sensor Type Galvanic

ATC Temp. sensor probe port  $3.5\emptyset$  mm phone jack (10K  $\Omega$  resistance)

Cable length 3 meters

Signature over Printed Name

Contact Number (Landline and/ or Cellphone Nos)/Email Address