



BIDS AND AWARDS COMMITTEE

Supplemental/Bid Bulletin No.1

**PROCUREMENT OF ONE (1) LOT PORTABLE WATER QUALITY TESTING EQUIPMENT
 Bid Ref. No. DENR-CO-2021-018**

Approved Budget for the Contract: ₱ 6,375,000.00

This **Supplemental/Bid Bulletin No.1** is being issued to revise provisions/specifications in the Bidding Documents, to address queries/clarifications raised by bidders during the pre-bid conference conducted on 16 June 2021 for the aforesaid project:

| A. Revision to the provisions/specifications in the Bidding Documents: | | | | | | | | | | | | | | | | | | | |
|--|--|---|--|-------------|------------------------------------|-----------------------------|---|---------------------------------|-------------------------------------|-------------------------------|---|-----------|-------------|------------------------------------|-----------------------------|---|--------------------------------------|-------------------------------------|-------------------------------|
| FROM | | TO | | | | | | | | | | | | | | | | | |
| Section III. Bid Data Sheet | | | | | | | | | | | | | | | | | | | |
| 20.2 | Post Qualification | 20.2 | Post Qualification | | | | | | | | | | | | | | | | |
| | 3. c) Detailed breakdown with corresponding amount and quantity for the consumables: | | 3. c) Detailed breakdown with corresponding amount and quantity for the consumables: | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>EQUIPMENT</th> <th>CONSUMABLES</th> </tr> </thead> <tbody> <tr> <td>Multiparameter Water Quality Sonde</td> <td>Consumables good for 1 Year</td> </tr> <tr> <td>Automatic Microbiology Detection System</td> <td>Consumables good for 1,600 test</td> </tr> <tr> <td>Total and Total Chlorine Photometer</td> <td>Consumables food for 400 test</td> </tr> </tbody> </table> | | EQUIPMENT | CONSUMABLES | Multiparameter Water Quality Sonde | Consumables good for 1 Year | Automatic Microbiology Detection System | Consumables good for 1,600 test | Total and Total Chlorine Photometer | Consumables food for 400 test | <table border="1"> <thead> <tr> <th>EQUIPMENT</th> <th>CONSUMABLES</th> </tr> </thead> <tbody> <tr> <td>Multiparameter Water Quality Sonde</td> <td>Consumables good for 1 Year</td> </tr> <tr> <td>Automatic Microbiology Detection System</td> <td>Consumables good for 300 test</td> </tr> <tr> <td>Total and Total Chlorine Photometer</td> <td>Consumables food for 400 test</td> </tr> </tbody> </table> | EQUIPMENT | CONSUMABLES | Multiparameter Water Quality Sonde | Consumables good for 1 Year | Automatic Microbiology Detection System | Consumables good for 300 test | Total and Total Chlorine Photometer | Consumables food for 400 test |
| | EQUIPMENT | | CONSUMABLES | | | | | | | | | | | | | | | | |
| Multiparameter Water Quality Sonde | Consumables good for 1 Year | | | | | | | | | | | | | | | | | | |
| Automatic Microbiology Detection System | Consumables good for 1,600 test | | | | | | | | | | | | | | | | | | |
| Total and Total Chlorine Photometer | Consumables food for 400 test | | | | | | | | | | | | | | | | | | |
| EQUIPMENT | CONSUMABLES | | | | | | | | | | | | | | | | | | |
| Multiparameter Water Quality Sonde | Consumables good for 1 Year | | | | | | | | | | | | | | | | | | |
| Automatic Microbiology Detection System | Consumables good for 300 test | | | | | | | | | | | | | | | | | | |
| Total and Total Chlorine Photometer | Consumables food for 400 test | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Section VI. Schedule | | | | | | | | | | | | | | | | | | | |
| Terms of Reference as of 21 May 2021 | | Terms of Reference as of 09 June 2021 | | | | | | | | | | | | | | | | | |
| III.B. Automatic Microbiology Detection System | | III.B. Automatic Microbiology Detection System | | | | | | | | | | | | | | | | | |
| Consumables: | | Consumables: | | | | | | | | | | | | | | | | | |
| The supplier must provide consumables for each parameter good for one thousand six hundred (1,600) test. | | The supplier must provide consumables for each parameter good for three hundred (300) test . | | | | | | | | | | | | | | | | | |

Bidders are advised to use the attached Section VI Schedule of Requirements (Terms of Reference as of 09 June 2021) together with all other required documents for the submission of bids on 23 June 2021, 9:00 am.

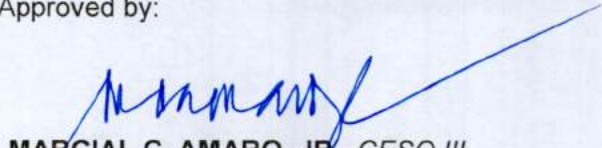
Also, please use the Revised Checklist of Requirements as a guide/Reference.

This Supplemental/Bid Bulletin No. 1 shall form part of the Bidding Documents. Any provision in the Bidding Documents inconsistent herewith is hereby amended, modified and superseded accordingly.

For guidance and information of all concerned.

Issued this 16 day of June 2021 in Quezon City.

Approved by:



MARCIAL C. AMARO, JR., CESO III
Assistant Secretary for Policy, Planning and
Foreign Assisted and Special Projects &
Chairperson, Bids and Awards Committee

| | |
|---|--------------------------|
| Received by: | |
| _____ (SIGNATURE OVER PRINTED NAME & DATE) | _____ NAME OF COMPANY |
| (PLEASE RETURN OR FAX THIS PAGE ONLY TO THE DENR BAC OFFICE @ 8-926-2675) | |

Section VI. Schedule of Requirements

Instruction to Bidders: *Please fill up the form accordingly and sign the Bidder's Undertaking. Failure to conform will result in a rating of "FAILED".*

I. TERMS OF REFERENCE AS OF 09 June 2021



Republic of the Philippines
Department of Environment and Natural Resources
MANILA BAY COORDINATING OFFICE
 Visayas Avenue, Diliman, Quezon City, 1100
 Tel. Nos. (632) 8929-66-26 to 29 loc. 2102 ☐ (632) 8928-1225
 Website: <http://www.denr.gov.ph> ☐ <http://www.themanilabay.denr.gov.ph>
 E-mail: web@denr.gov.ph ☐ mbco_2011@yahoo.com

TERMS OF REFERENCE

PROCUREMENT OF ONE (1) LOT PORTABLE WATER QUALITY TESTING EQUIPMENT
(As of 9 June 2021)
ABC: PhP 6,375,000

I. RATIONALE

The Manila Bay Coordinating Office (DENR-MBCO) finds it necessary to procure portable water quality testing equipment in support to the monitoring of ongoing and upcoming Manila Bay Rehabilitation Projects such Sewage Treatment Plant, Comfort Rooms, and Shower Facilities.

II. COMPONENTS OF ONE (1) LOT PORTABLE WATER QUALITY TESTING EQUIPMENT

- A. Multiparameter Water Quality Sonde
- B. Automatic Microbiology Detection System
- C. Free and Total Chlorine Photometer

III. TECHNICAL SPECIFICATIONS

A. MULTIPARAMETER WATER QUALITY SONDE

The multiparameter sonde offers a versatile, durable and practical solution in monitoring for both simple and complex deployment. The instrument allows optimized combination of sensors that can measure at least seven (7) parameters such as temperature, dissolved oxygen, pH, turbidity, conductivity, Oxygen Reduction Potential (ORP) and depth. It also has an anti-fouling solution to minimize bio-fouling which can affect the collection of water quality data.

| Equipment | Sonde |
|-----------------------|---|
| Dimensions | Diameter: 8.9 cm (3.5 in.) without rubber bumpers; 9.8 cm (3.85 in.) with rubber bumpers |
| Length: | 66.4 cm (26.1 in.) |
| Weights | 4.5 kg (10 lb) with four Dcell batteries, storage/calibration cup with no liquid |
| Power Requirements | 6-24 VDC (12 VDC nominal) applied to the communications module, 12 VDC:2.0 W average, 24 W peak |
| Battery Life* | 90 days |
| Operating Temperature | -5 to 50 °C (23 to 122 °F), nonfreezing |
| Storage Temperature | 1 to 50 °C (34 to 122 °F) |
| Depth | 200 m (656 ft) maximum |
| Data Memory | 4 GB |
| Tensile strength | (Maximum) Mooring cap: 68 kg (150 lb); deployment cable: 227 kg (500 lb) |
| Communications | Communications module: USB, SDI12, RS232 Modbus, RS485 Modbus and RS232 TTY |
| Sampling Rate | 1 Hz minimum, (once per second) |

C. Free and Total Chlorine Photometer

On-site water testing solution to measure Free and Total Chlorine. The instrument must provide accurate and reproducible results quickly and can automatically store data with real-time clock. Can be calibrated and has a factory calibration option. The instrument must be able to use the DPD (N, N-diethyl-p-phenylenediamine) method.

| Equipment | Photometer |
|------------------------|---|
| Dimensions | Diameter (LxWxH): 15.5 cm (6.1 in.) x 7.5 cm (3 in.) x 3.5 cm (1.5 in.) |
| Range | 0.01 to 6.0 mg/L Cl ₂ ; 0.1 to 8.0 mg/L Cl ₂ |
| Weights | Approx. less than 300 g |
| Power Supply | 4 AAA batteries |
| Operating Time | Approx. 17 hours or 5000 test measurements |
| Operating Temperatures | 5 to 40°C (41 to 104 °F) |
| Relative Humidity | 30 - 90 % (non-condensing) |
| Wavelength Accuracy | ± 1 nm |
| Photometric Accuracy | 3% FS (T = 20°C to 25°C) |
| Photometric Resolution | 0.01 A |
| Light Source | LED, interface filter (IF) and photosensor in transparent cell chamber |
| IP rating | 68 |
| Internal Memory | can store data up to 15 sets |

Consumables:

The supplier must provide consumables for each parameter good for four hundred (400) tests.

IV. ADDITIONAL REQUIREMENTS

- All the accessories necessary for the conduct of sampling and testing must be provided
- Calibration of the equipment must be conducted every three (3) months.
- Comparative test results of Automatic Microbiology Detection System and Free and Total Chlorine Photometer equipment with the laboratory test conducted by one of the DENR recognized testing laboratories must be provided.
- All consumables must have at least 1 year expiration from the date of delivery.

V. TRAINING

The winning bidder shall conduct on-site training to at least six (6) technical staff of the Manila Bay Coordinating Office within fifteen (15) calendar days after complete delivery of the units. The winning bidder must agree to the specific schedule for the training period and issue corresponding certificates for the above attendees. All expenses relative to the training shall be for the account of the winning bidder.

VI. DELIVERY TIMELINE:

The winning bidder shall supply and deliver the units and accessories for One (1) LOT Portable Water Quality Testing Equipment at the DENR Central Office, through Supply Management Section-Property and Supply Management Division, Basement-DENR Main Building, Visayas Avenue, Diliman, Quezon City, in coordination with the representatives from Manila Bay Coordinating Office within sixty (60) calendar days from receipt of Notice to Proceed (NTP).

VII. WARRANTY:

The winning bidder must provide a warranty certificate in favor of DENR-MBCO which shall be valid for one (1) year from the date of Certificate of Acceptance issued by DENR-MBCO. Warranty shall cover full replacement of defective units and accessories including the parts, free of charge.

VIII. TERMS OF PAYMENT:

| TIMELINES | DELIVERABLES | PERCENTAGE AMOUNT OF CONTRACT PRICE TO BE RELEASE AS PAYMENTS | DOCUMENTARY REQUIREMENTS |
|--|---|---|---|
| <ul style="list-style-type: none"> • Sixty (60) Calendar Days from Receipt of NTP | <ul style="list-style-type: none"> • Supply and delivery of for Multiparameter Water Quality Sonde, Automatic Microbiology Detection System and Free and Total Chlorine Photometer | 100% | <ul style="list-style-type: none"> • Delivery Receipt • Sales Invoice/Official Receipt/Collection Receipt • Certificate of Inspection and Acceptance issued by MBCO • Warranty Certificate • Training certificates • Aftersales Certificate |
| <ul style="list-style-type: none"> • Fifteen (15) Calendar Days after complete delivery of the units. | <ul style="list-style-type: none"> • Conduct of Training | | |

Prepared by:


RACQUEL O. MALUBAG
 Technical Assistant
 Manila Bay Coordinating Office


ENGR. JOSEPH ROY B. JARLOS
 Environmental Management Specialist
 Manila Bay Coordinating Office

Approved by:


JACOB F. MEIMBAN, JR.
 Deputy Executive Director
 Manila Bay Coordinating Office

PLEASE USE THIS BID FORM. DO NOT RETYPE OR ALTER

(Page 4 of 4)

II. OTHER REQUIREMENTS

1. Bidder has no overdue deliveries or unperformed services intended for DENR.
2. Bidder did not participate as a consultant in the preparation of the design or technical specification of the GOODS/SERVICES subject of the bid.

BIDDER'S UNDERTAKING

I/We, the undersigned bidder, having examined the Bidding Documents including Bid Bulletins, as applicable, hereby BID to (supply/deliver/perform/comply) the above Terms of Reference

I/We undertake, if our bid is accepted, to deliver the goods/services in accordance with the terms and conditions contained in the bid documents, including the posting of the required performance security within ten (10) calendar days from receipt of the Notice of Award.

Until a formal contract/order confirmation is prepared and signed, this Bid is binding on us.

Name of Company (in print)

Signature of Company Authorized Representative

Name & Designation (in print)

Date

DENR BIDS AND AWARDS COMMITTEE

REVISED CHECKLIST OF TECHNICAL AND FINANCIAL DOCUMENTS

Project: PROCUREMENT OF ONE (1) LOT PORTABLE WATER QUALITY TESTING EQUIPMENT

Bid Ref. No. Bid Ref. No. DENR-CO-2021-018

APPROVED BUDGET FOR THE CONTRACT: P6,375,000.00

ENVELOPE 1: TECHNICAL COMPONENT

CLASS "A" DOCUMENTS

A. LEGAL DOCUMENTS

- | | |
|--------------------------|--|
| <input type="checkbox"/> | (a) Valid and current Certificate of PhilGEPS Registration (Platinum Membership) issued to bidder; <i>[Note: The valid and current Certificate of Registration (Platinum Membership) shall reflect the updated eligibility documents. Should the Annex A of said Certificate reflects not updated documents, the bidder shall submit, together with the certificate certified true copies of the updated documents]</i> |
| | OR |
| <input type="checkbox"/> | (b) Registration certificate from SEC, Department of Trade and Industry (DTI) for sole proprietorship, or CDA for cooperatives or its equivalent document; and |
| <input type="checkbox"/> | (c) Copy of 2021 Business/Mayor's permit issued to bidder by the city or municipality where the principal place of business of the bidder is located or the equivalent document for Exclusive Economic Zones or Areas and |
| <input type="checkbox"/> | (d) Current and valid Tax Clearance per E.O. 398, series of 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR); |

B. TECHNICAL DOCUMENTS

- | | |
|--------------------------|--|
| <input type="checkbox"/> | (e) Statement of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid (per Annex I); |
| <input type="checkbox"/> | (f) Statement of the Bidder's Single Largest Completed Contract (SLCC) of similar nature within the last five (5) years from date of submission and receipt of bids equivalent to at least fifty (50%) of the total ABC (per Annex I-A) <i>Similar in nature shall mean "Water Quality Testing Equipment".</i> <u>Any of the following documents must be submitted/attached corresponding to listed completed largest contracts per Annex I-A:</u> i) Copy of End User's Acceptance; or ii) Copy of Official Receipt/s or Sales Invoice or Collection Receipt/s |

(g) Original Bid Security must be issued in favor of the **DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES (DENR)** (must be valid for at least 120 calendar days from the date of bid opening); any one of the following forms:

| Project ABC (P) | Bid Security: Cash, Cashier's/ Manager's Check, Bank Draft / Guarantee, Irrevocable Letter of Credit (2%) (P) | Bid Security: Surety Bond (5%) (P) | Original Bid Securing Declaration |
|--------------------|--|--|--------------------------------------|
| 6,375,000.00 | 127,500.00 | 318,750.00 | No required Amount |

1. Bid Securing Declaration per **Annex II**;
2. The Cashier's/Manager's Check shall be issued by a Local, Universal or Commercial Bank
3. The Bank Draft/Guarantee or Irrevocable Letter of Credit shall be issued by a Local Universal or Commercial Bank; or
4. Should bidder opt to submit a Surety Bond as Bid Security, the surety bond must be callable on demand and must be issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such bond. Together with the surety bond, a certification from Insurance Commission must be submitted by the bidder which must state that the surety or insurance company is specifically authorized to issue surety bonds.
5. For submission of Bank Draft/Guarantee or Irrevocable Letter of Credit or Surety Bond, the following must be stated/specified in the Bid Security pursuant to Section III, ITB Clause 18.5, to wit:

The following are the grounds for forfeiture of Bid Security

▪ **IF A BIDDER:**

- a) Withdraws its bid during the period of bid validity.
- b) Does not accept the correction of errors pursuant to Section 32.2.1 of the IRR of RA 9184.
- c) Fails to submit the Post Qualification requirements within the prescribed period or a finding against their veracity thereof.
- d) Submission of eligibility requirements containing false information or falsified documents.
- e) Submission of bids that contain false information or falsified documents, or the concealment of such information in the bids in order to influence the outcome of eligibility screening or any other stage of the public bidding.
- f) Allowing the use of one's name, or using the name of another for purposes of public bidding.
- g) Withdrawal of a bid, or refusal to accept an award, or enter into contract with the Government without justifiable cause, after the Bidder had been adjudged as having submitted the Lowest Calculated and Responsive Bid.
- h) Refusal or failure to post the required performance security within the prescribed time.
- i) Refusal to clarify or validate in writing its bid during post-qualification within a period of seven (7) calendar days from receipt of the request for clarification.
- j) Any documented unsolicited attempt by a bidder to unduly influence the outcome of the bidding in his favor.
- k) Failure of the potential joint venture partners to enter into the joint venture after the bid is declared as successful.
- l) All other acts that tend to defeat the purpose of the competitive bidding, such as habitually withdrawing from bidding, submitting late Bids or patently insufficient bid, for at least three (3) times within a year, except for valid reasons.

▪ **IF THE SUCCESSFUL BIDDER:**

- a) fails to sign the contract in accordance with Section 40 of the Revised IRR of RA 9184; or
- b) fails to furnish performance security in accordance with Section 40 of the Revised IRR of RA 9184.

Note: Duly notarized or unnotarized Bid Securing Declaration shall be accepted pursuant to GPPB Resolution No. 09-2020 dated 07 May 2020.

| | |
|--|---|
| <input type="checkbox"/> | (h) Conformity with Section VI Schedule of Requirements (Terms of Reference as of 09 June 2021), attached in the Supplemental Bid Bulletin No. 1 and Section VII. Technical Specifications, as enumerated in the Bidding Documents. |
| <input type="checkbox"/> | <p>(i) Original Omnibus Sworn Statement in accordance with Section 25.3 of the IRR of RA 9184 and using the prescribed form attached as Annex III with attached <u>Proof of Authority of the bidder's authorized representative/s:</u></p> <p>i. <u>FOR SOLE PROPRIETORSHIP (IF OWNER OPTS TO APPOINT A REPRESENTATIVE):</u> Notarized or unnotarized Special Power of Attorney.</p> <p>ii. <u>FOR CORPORATIONS, COOPERATIVE OR THE MEMBERS OF THE JOINT VENTURE:</u> Notarized or unnotarized Secretary's Certificate evidencing the authority of the designated representative/s.</p> <p>Notes: 1) <i>Should there be more than one (1) appointed authorized representatives, use the word "any of the following" or "OR", otherwise, all authorized representatives must sign/initial the bid submission.</i></p> <p>2) <i>Unnotarized documents shall be accepted pursuant to GPPB Resolution No. 09-2020 dated 07 May 2020.</i></p> <p>IN THE CASE OF UNINCORPORATED JOINT VENTURE: Each member shall submit a separate Special Power of Attorney and/or Secretary's Certificate evidencing the authority of the designated representative/s.</p> |
| C. FINANCIAL DOCUMENTS | |
| <input type="checkbox"/> | (j) Audited Financial Statements (AFS) for CY 2020 with stamped "received" by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions dated 2021. |
| <input type="checkbox"/> | <p>(k) Net Financial Contracting Capacity (NFCC) computation, in accordance with ITB Clause 5.5, (per Annex IV).</p> <p>The NFCC computation must be equal to the ABC of this project. The detailed computation using the required formula must be provided.</p> <p>OR</p> <p>Original copy of Committed Line of Credit (CLC) per Annex IV-A issued by a Local Universal or Local Commercial Bank at least equal to ten percent (10%) of the ABC of this project.</p> <p>In case of Joint Venture, the partner responsible to submit the NFCC shall likewise submit the Statement of all its ongoing contracts and the Latest Audited Financial Statements.</p> |
| Class "B" Document: (For Joint Venture) | |
| <input type="checkbox"/> | <p><u>If applicable, For Joint Ventures, Bidder to submit either:</u></p> <p>(i) Copy of the JOINT VENTURE AGREEMENT (JVA) in case the joint venture is already in existence, or</p> <p>(ii) Copy of Protocol/Undertaking of Agreement to Enter into Joint Venture (Annex V) signed by all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful and must be in accordance with Section 23.1 (b) of the IRR</p> <p>In case the joint venture is not yet in existence, the submission of a valid JVA shall be within ten (10) calendar days from receipt by the bidder of the notice from the BAC that the bidder is the Lowest Calculated and Responsive Bid [Sec 37.1.4 (a) (i)]</p> <p>(l) The JVA or the Protocol/Undertaking of Agreement to Enter into Joint Venture (per Annex V) must include/specify the company/partner and the name of the office designated as authorized representative of the Joint Venture.</p> |

ENVELOPE 2: FINANCIAL DOCUMENTS



- (a) Completed and signed Financial Bid Form. Bidder must use, accomplish and submit Bid Form (**Annex VI**); **and**
- (b) Original of duly signed and accomplished Price Schedule(s) (**Annex VI-A or VI-B**).

The ABC is inclusive of VAT. Any proposal with a financial component exceeding the ABC shall not be accepted.

Note: In case of inconsistency between the Checklist of Requirements for Bidders and the provisions in the Instruction to Bidders/Bid Data Sheet, the Instruction to Bidders/Bid Data Sheet shall prevail.