



PHILIPPINE NATIONAL OIL COMPANY

PNOC Building VI, Energy Center

Rizal Drive, BGC, Taguig City

Tel. No.: 8789 – 7662

www.philgeps.gov.ph / www.pnoc.com.ph

REQUEST FOR QUOTATION / PROPOSAL

The PHILIPPINE NATIONAL OIL COMPANY (PNOC) through its Bids and Awards Committee (BAC), invites all interested and PhilGEPS-registered suppliers / contractors / consultants to submit quotations / proposals for the following company requirements:

| | |
|---------------------|--|
| Date | : 29 January 2026 |
| Project Title | : Environmental Quality Monitoring for 2026 |
| Reference No. | : 2026-01-010 |
| Total ABC | : PhP 1,000,000.00 |
| Submission Deadline | : 05 February 2026 / 09:00 AM |
| Location | : PNOC-Main Office |

Accomplished **Price Quotation/Proposal and Compliance Form** together with below listed documentary requirements and information may be submitted via:

| | |
|----------------------------|--|
| Electronic Mail; or | Portable Document Format (PDF) file copy to email address: newprocurement@pnoc.com.ph |
| Physical Submission | Sealed envelope to PNOC Procurement Management Division at the above address |

Documentary Requirements:

- Mayor's/Business Permit
- PhilGEPS Registration Number
- Latest Income/Business Tax Return
- Omnibus Sworn Statement – "Annex A" (Unnotarized copy may be submitted prior to submission deadline, but the notarized one shall be submitted after award or before payment)
- Price Quotation and Compliance Form
- Certificate of DENR Accreditation
- Project Inspection Certificate
- Accomplished Price Schedule – "Annex B"
- Certificates of Calibration for all equipment and apparatuses to be used for sampling and analysis.

The PNOC reserves the right to accept or reject any or all quotations/proposals or parts thereof, to waive formality therein or to accept such or to award any that are considered most advantageous to the company.

For any clarification, you may contact the Procurement Management Division at (02) 8789-7662 or send email to newprocurement@pnoc.com.ph / crgervacio@pnoc.com.ph.

Thank you.


ATTY. JOSEPHINE CASSANDRA J. CUI
Chairperson
Bids and Awards Committee

PRICE QUOTATION / PROPOSAL AND COMPLIANCE FORM

Environmental Quality Monitoring for 2026

| LOT NO. | | SPECIFICATIONS | | | TOTAL AMOUNT (₱) |
|--|--|--------------------------------|--|--|------------------|
| 1 | Proposed/ Tentative Sampling Schedule | Wastewater Sampling | Raw and Marine Water Sampling | Air Sampling and Noise Level Monitoring | |
| | | February 17 (T) | February 17 (T) | February 18 (W) | |
| | | May 19 (T) | May 19 (T) | May 20 (W) | |
| | | August 19 (W) | August 19 (W) | August 20 (Th) | |
| | | November 10 (T) | November 10 (T) | November 11 (W) | |
| <i>Please see attached Terms of Reference</i> | | | | | |

Total Amount of ABC: Php 1,000,000.00

| | |
|--------------------|---|
| Contract Duration: | February 2026 to December 2026 |
| Project Location: | PNOC Industrial Park, Brgy. Batangas Dos, Mariveles, Bataan |

TERMS OF REFERENCE

I. INTRODUCTION AND RATIONALE

The Philippine National Oil Company (PNOC), in its capacity as the holder of the Programmatic Environmental Compliance Certificate (PECC) for the PNOC Industrial Park, invites qualified firms to submit proposals for comprehensive environmental monitoring services for the calendar year 2026.

This project is critical for ensuring that all environmental emissions and discharges from the Park's locators remain within the maximum allowable limits stipulated by the DENR and the PECC. The scope of services will include quarterly monitoring of air quality, noise levels, raw water quality, and effluent/marine water quality.

II. PROJECT DETAILS

| | | |
|-------------------|---|---|
| Project Title | : | 2026 Environmental Quality Monitoring |
| Project Proponent | : | Philippine National Oil Company (PNOC) |
| Contact Person | : | Engr. Lailanie Angela A. Ngojo-Estoesta Supervising Environmental Management Specialist Park Management Department |
| Project Location | : | PNOC Industrial Park, Brgy. Batangas Dos, Mariveles, Bataan (See attached map for specific sampling coordinates). |
| Project Duration | : | February 2026 to December 2026 |

III. PROPOSED SAMPLING SCHEDULE

The following schedule is proposed for the quarterly monitoring activities. The final schedule is subject to mutual agreement and approval by PNOC.

| QUARTER | Wastewater Sampling | Raw and Marine Water Sampling | Air Sampling and Noise Level Monitoring |
|-------------------------|---------------------|-------------------------------|---|
| 1 st Quarter | February 17 (T) | February 17 (T) | February 18 (W) |
| 2 nd Quarter | May 19 (T) | May 19 (T) | May 20 (W) |
| 3 rd Quarter | August 19 (W) | August 19 (W) | August 20 (Th) |
| 4 th Quarter | November 10 (T) | November 10 (T) | November 11 (W) |

Note: Any changes to this schedule must be formally requested and approved by the PNOC Project Proponent.

IV. SERVICE PROVIDER QUALIFICATIONS

Bidders must meet the following minimum qualifications:

1. DENR Accreditation: Must be a DENR-accredited laboratory for all parameters specified in this TOR. A copy of the valid accreditation certificate must be submitted with the bid.
2. Equipment Calibration: Must provide valid Certificates of Calibration for all equipment and apparatuses to be used for sampling and analysis.
3. Audit and Inspection: Must agree to allow PNOC personnel to inspect and audit the contractor's laboratory, records, and accounts related to project performance.
4. Acceptance of Terms: Must agree to all conditions and scopes of work outlined in this TOR.

V. SCOPE OF WORK

A. Quarterly Air Quality and Noise Level Monitoring

1. On-site Sampling and Analysis: Conduct sampling and laboratory analysis for the following parameters at four (4) designated stations per quarter:

| Parameter | No. of Samples per Quarter |
|--|----------------------------|
| 1. Sulfur Dioxide (SO ₂) | 4 |
| 2. Nitrogen Dioxide (NO ₂) | 4 |
| 3. Particulate Matter 10 microns (PM ₁₀) | 4 |
| 4. Particulate Matter 2.5 microns (PM _{2.5}) | 4 |
| 5. Total Suspended Particulate (TSP) | 4 |
| 6. Pb | 4 |

2. Noise Level Monitoring: Simultaneously conduct sound level monitoring at each designated air quality sampling station.

3. Materials and Preparation:
 - a. Provide pre-weighed 8" x 10" glass fiber filters for TSP, Pb, PM_{2.5} and PM₁₀ sampling
 - b. Provide absorbing solutions for SO₂ and NO₂ analysis in properly labeled vials, including blanks.
4. Personnel and Logistics: The provider's technical personnel shall conduct all sampling activities and cover all associated costs (e.g., transportation, materials).

B. Quarterly Raw Water Quality Monitoring

1. On-site Sampling and Analysis: Collect samples from five (5) deep wells and perform laboratory analysis for the parameters listed below.

| | | |
|----------------------------------|--------------------------|-------------------------------------|
| a. Chloride | b. Iron | c. Bicarbonate as CaCO ₃ |
| d. Color | e. Manganese | f. Calcium |
| g. Fecal Coliform | h. Potassium | i. Magnesium |
| j. Nitrate as NO ₃ -N | k. Sodium | l. Sulfate |
| m. pH (range) | n. Turbidity | o. Silica |
| p. Phosphate | q. Specific Conductivity | r. Total Hardness |
| s. TSS | t. TDS | u. Oil and Grease |

2. Materials: Provide all necessary pre-cleaned and properly preserved sampling bottles.

C. Quarterly Effluent and Marine Water Monitoring

1. On-site Sampling and Analysis: Collect samples from four (4) effluent outfalls and six (6) marine water stations
2. Materials: Provide all necessary sampling bottles, including sterilized bottles for bacteriological analysis and appropriate containers for other parameters.
3. Logistics: The rental cost of a motorized boat for marine water sampling shall be shouldered by the contractor.
4. Parameters and Stations: The following table outlines the required analysis for each sampling point.

| EFFLUENT | | | | MARINE |
|---|---|---|--------------------------------------|---------------------------------------|
| E1 PP Outfall | E2 PRII (PVC) Outfall | E3 NPCA (PE) Outfall | E5 Orica (Explosives) Outfall | Marine Water (SB) - 6 stations |
| Ammonia (NH ₃) | Ammonia (NH ₃) | Ammonia (NH ₃) | Arsenic (As) | BOD |
| Arsenic (As) | Arsenic (As) | Arsenic (As) | BOD | Arsenic |
| Benzene (C ₆ H ₆) | Benzene (C ₆ H ₆) | Benzene (C ₆ H ₆) | Cadmium (Cd) | Cadmium |
| Benzo(a)pyrene (C ₂₀ H ₁₂) | Benzo(a)pyrene (C ₂₀ H ₁₂) | Benzo(a)pyrene (C ₂₀ H ₁₂) | COD | Chloride |

| BOD | BOD | BOD | Color | Color |
|--|--|--|---|-------------------------------|
| Cadmium (Cd) | Cadmium (Cd) | Cadmium (Cd) | Dissolved Oxygen | Dissolved Oxygen |
| Chromium (Cr ⁺⁶) | Chromium (Cr ⁺⁶) | Chromium (Cr ⁺⁶) | Hexavalent Chromium (Cr ⁺⁶) | Fecal Coliform |
| COD | COD | COD | Lead (Pb) | Hexavalent Chromium |
| Color | Color | Color | Mercury (Hg) | Lead |
| Cyanide (CN ⁻) | Cyanide (CN ⁻) | Cyanide (CN ⁻) | Nitrate | Mercury |
| Dissolved Oxygen | Dissolved Oxygen | Dissolved Oxygen | Oil and Grease | Nitrate as No ₃ -N |
| Ethylbenzene (C ₈ H ₁₀) | Ethylbenzene (C ₈ H ₁₀) | Ethylbenzene (C ₈ H ₁₀) | pH | Oil and Grease |
| Lead (Pb) | Lead (Pb) | Lead (Pb) | Phosphate | pH |
| Mercury (Hg) | Mercury (Hg) | Mercury (Hg) | Sulfate | Phenol & Phenol Substances |
| Nitrate as NO ₃ -N | Nitrate as NO ₃ -N | Nitrate as NO ₃ -N | Surfactants (MBAS) | Phosphate |
| Oil and Grease | Oil and Grease | Oil and Grease | Temperature | Temperature |
| pH | pH | pH | TSS | TSS |
| Phenol & Phenol Substances | Phenol & Phenol Substances | Phenol & Phenol Substances | Phenol & Phenol Substances | COD |
| Phosphate | Phosphate | Phosphate | Fecal Coliform | |
| Sulfate | Sulfate | Sulfate | | |
| Temperature | Temperature | Temperature | | |
| Toluene (C ₇ H ₈) | Toluene (C ₇ H ₈) | Toluene (C ₇ H ₈) | | |
| TSS | TSS | TSS | | |
| Xylene (C ₈ H ₁₀) | Xylene (C ₈ H ₁₀) | Xylene (C ₈ H ₁₀) | | |
| Zinc (Zn) | Zinc (Zn) | Zinc (Zn) | | |
| Fecal Coliform | Fecal Coliform | Fecal Coliform | | |
| Surfactants (MBAS) | | Surfactant (MBAS) | | |

Note: The scope of parameters and sampling points may be adjusted if new locators are added to the park or as required by DENR, subject to mutual agreement.

VI. DELIVERABLES AND REPORTING

1. Reporting Deadline: Duly signed, official laboratory results must be submitted to PNOC within 15 calendar days after each sampling activity.
2. Report Content: Each report must include:
 - a. A comparison of results against relevant DENR standards (e.g., National Ambient Air Quality Guideline Values, Philippine National Standards for Drinking Water, DAO 2016-08 General Effluent Standards).

- b. Test methods used for each parameter.
- c. Photo documentation of all the sampling activities.
- d. Copies of calibration certificates for the instruments used.

3. Confirmatory Testing: In case of disputes regarding results or methods, the contractor must be willing to conduct verification tests at no additional charge to PNOC.

4. Penalty Clause: A penalty equal to one-tenth of one percent (0.1%) of the contract cost for the specific quarterly service will be charged for each day of delay in the submission of the final report.

VII. GENERAL CONDITIONS

- 1. Site Inspection: New bidders are required to conduct a site inspection of all sampling points prior to submitting a final quotation.
- 2. Methods Presentation: The winning bidder, if new, must conduct a presentation of their sampling and analysis methods or host a laboratory visit for PNOC personnel before project commencement.
- 3. Park Policies: The winning bidder must comply with all PNOC Industrial Park policies, including securing a Permit to Work and accomplishing Raw Data Forms.
- 4. Safety Compliance: The contractor's personnel must undergo PNOC's safety orientation and wear complete and appropriate Personal Protective Equipment (PPE) at all times while on-site.
- 5. Billing: PNOC shall only be charged for the actual number of samples collected and analyzed.

TERMS AND CONDITIONS

- 1. Payment Terms: Government Terms - full payment upon completion of delivery/implementation, or subject to the conditions specified in the Scope of Works/Activities or Terms of Reference.
- 2. All entries shall be typed or written in a clear legible manner.
- 3. Bidder shall offer one (1) bid only. Alternative bids shall be rejected.
- 4. All prices offered herein are valid, binding and effective for THIRTY (30) calendar days upon issuance of this document.
- 5. As a general rule, price quotations to be denominated in Philippine Peso shall include all taxes, duties and/or levies payable.
- 6. In case of tie quotations, tie breaking shall be on draw lots or toss coin.
- 7. In case supplier pro forma quotation is submitted, conditions will be governed by the submitted signed Terms of Reference / Technical Specifications Sheet.
- 8. During evaluation of quotation/proposal, the project proponent may require additional documents to verify, validate and ascertain the compliance of the supplier/contractor or consultant.
- 9. Liquidated damages shall be imposed pursuant to Section 71.1.4 of RA 12009.

We undertake, if our Proposal is accepted, to supply/deliver the goods/services in accordance with the specifications and/or delivery schedule.

We agree to abide by this quotation/proposal for a period of thirty (30) calendar days, which is the price's validity period and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a Contract or a Purchase Order is executed, this Quotation/Proposal shall be binding upon us. We understand that you are not bound to accept the lowest or any Proposal you may receive.

| | | |
|------------------------------|---|-------|
| Signature over Printed Name | : | _____ |
| Designation / Position | : | _____ |
| Name of Organization | : | _____ |
| Address | : | _____ |
| Telephone/Mobile No. | : | _____ |
| Email Address | : | _____ |
| TIN | : | _____ |
| PhilGEPS Registration Number | : | _____ |

INSTRUCTIONS AND PROCEDURES FOR ONLINE SUBMISSION OF QUOTATIONS/PROPOSALS FOR SMALL-VALUE PROCUREMENT

1. Interested bidders must submit proposal/quotation in portable document format (PDF) file via email address newprocurement@pnoc.com.ph

File format should be:

RFQREFERENCENO_NAME OF THE COMPANY.pdf

Example: RFQ202401001_XYZCompany.pdf

Note: RFQ Reference Number is located at the front page of the request for quotation.

Email Format Instructions:

- a. The subject line must indicate the RFQ Reference Number
- b. The email body must include the following details:
 - i. Project Title
 - ii. Name of the company and its authorized representative
 - iii. Contact details such as telephone/mobile number and email address

Proposal/quotation must be in a PDF file only and must not exceed 25 MB.

2. Bidders will be immediately notified via email of the receipt of the proposal/quotation.
3. Proposal/quotation submitted late based on system timestamp will be automatically disqualified.
4. A bid opening will take place immediately after the deadline through video conferencing. The meeting link will be sent to participating bidders upon request.
5. Upon opening, the BAC shall verify the presence or absence of the specified requirements in the quotation/proposal. All eligible quotations/proposals will undergo further evaluation.
6. The award of contract shall be made to the Lowest Calculated Responsive Quotation or Highest Rated Responsive Bid, which complies with the minimum technical specifications and other terms and conditions. The result will be posted on the website and the official social media sites of PNOC.

Annex A

Omnibus Sworn Statement Form

[Note: The duly accomplished form shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

OMNIBUS SWORN STATEMENT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and with residence at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. Select one, delete the others:

- *If sole proprietorship:* I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [Address of Bidder];
- *If partnership, corporation, cooperative, or joint venture:* I am the duly authorized and designated representative of [Name of Bidder] with office address at [Address of Bidder];
- *If individual consultant not registered under a sole proprietorship, in case of Consulting Services:* I am the individual consultant or authorized representative of [Name of Bidder] with office address at [Address of Bidder];

2. Select one, delete the others:

- *If sole proprietorship:* As the owner and sole proprietor or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Project Title] of the [Name of the Procuring Entity][insert "as supported by the attached duly notarized Special Power of Attorney" for authorized representative];
- *If partnership, corporation, cooperative, or joint venture:* I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Project Title] of the [Name of the Procuring Entity], as supported by the attached duly notarized Special Power of Attorney, Board/Partnership Resolution, or Secretary's Certificate, whichever is applicable;
- *If individual consultant not registered under a sole proprietorship, in case of Consulting Services:* As the individual consultant or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Project Title] of the [Name of the Procuring Entity], as supported by the attached duly notarized Special Power of Attorney for authorized representative;

3. *[Name of Bidder]* is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board; by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity;
4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
5. *[Name of Bidder]* is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;
6. *Select one, delete the others:*
 - *If sole proprietorship* : The *[Name of Bidder]* and its spouse are not related by consanguinity or affinity up to the third civil degree to the Head of the Procuring Entity, Procurement Agent (if engaged), or the End-User or Implementing Unit, project consultants, head of the Project Management Office, or the members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat;
 - *If partnership* : The partnership itself and the partners of *[Name of Bidder]* are not related by consanguinity or affinity up to the third civil degree to the Head of the Procuring Entity, Procurement Agent (if engaged), or the End-User or Implementing Unit, project consultants, head of the Project Management Office, or the members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat;
 - *If cooperative*: The cooperative itself and members of the board of directors, general manager, or chief executive officer of *[Name of Bidder]* are not related by consanguinity or affinity up to the third civil degree to the Head of the Procuring Entity, Procurement Agent (if engaged), or the End-User or Implementing Unit, project consultants, head of the Project Management Office, or the members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat;
 - *If corporation, or joint venture*: The corporation or joint venture itself, and officers, directors, controlling stockholders and beneficial owners of *[Name of Bidder]* are not related by consanguinity or affinity up to the third civil degree to the Head of the Procuring Entity, Procurement Agent (if engaged), End-User or Implementing Unit, project consultants, head of the Project Management Office, or the members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat;
 - *If individual consultant not registered under a sole proprietorship, in case of Consulting Services*: The individual consultant and its spouse are not related by consanguinity or affinity up to the third civil degree to the Head of the Procuring Entity, Procurement Agent (if engaged), End-User or Implementing Unit, project consultants, head of the Project Management Office, or the members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat;

7. It is understood that failure to faithfully disclose its relationship with the Head of the Procuring Entity, members of the BAC, the TWG, and the BAC Secretariat, the head of the PMO or the end-user unit or implementing unit, and the project consultants of the Procuring Entity, or of the procurement agent by consanguinity or affinity up to the third civil degree, as well as its submission of beneficial ownership information containing false entries shall be subject to blacklisting under Section 100 of the Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 12009, without prejudice to criminal and civil liabilities under applicable laws, including their accessory penalties, if any.

Select one, delete the rest:

- *In case of corporations:* *[Name of Bidder]* declares its beneficial ownership information consistent with its updated General Information Sheet or Beneficial Ownership Declaration Form or any other document duly submitted to the SEC and has maintained a valid and updated file therein in compliance with Sections 20.2.9.1, 81, and 82 of the IRR of RA No. 12009.
- *In case of Foreign Bidders:* *[Name of Bidder]* submitted an appropriate equivalent document in English issued by the country of the bidder concerned in accordance with Section 20.2.9.2 of the IRR of RA No. 12009.

8. *[Name of Bidder]* complies with existing labor laws and standards; and

9. *[Name of Bidder]* is aware of and has undertaken the following responsibilities as a Bidder:

- a) Carefully examine all of the Bidding Documents;
- b) Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;
- c) Made an estimate of the facilities available and needed for the contract to be bid, if any; and
- d) Inquire or secure Supplemental Bid Bulletin(s) issued for the *[Project Title]*.

10. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

11. In case advance payment was made or given to *[Name of Bidder]*, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability under existing laws.

IN WITNESS WHEREOF, I have hereunto set my hand this _____ day of _____, 20____ at _____, Philippines.

Duly authorized to sign the Bid for and behalf of:

[Insert Bidder's Name]

*[Affiant's Signature over Printed Name]
[Position/Designation]
[Date]*

JURAT

SUBSCRIBED AND SWORN to before me this _____ day of *[month]* *[year]* at *[place of execution]*, Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her *[insert type of government identification card used]*, with his/her photograph and signature appearing thereon, with no. _____.

WITNESS MY HAND AND SEAL this _____ day of *[month]* *[year]*.

NAME OF NOTARY PUBLIC
Notarial Commission No. _____
Notary Public for _____ until _____
Roll of Attorneys No. _____
PTR No. __, *[date issued]*, *[place issued]*
IBP No. __, *[date issued]*, *[place issued]*

Doc. No. _____
Page No. _____
Book No. _____
Series of _____. _____

Annex B

| Price Schedule of Goods | | | | | | |
|--|---|--------------------|----------|----------------------------|------------|-------------|
| | ITEM | DESCRIPTION | QUANTITY | REMARKS | UNIT PRICE | TOTAL PRICE |
| Quarterly: Air Quality and Noise Level Monitoring (4 sampling stations) | | | | | | |
| 1 | Sulfur Dioxide (SO ₂) | Ambient Air Sample | 16 | AQ2, AQ5, AQ7, and AQ9 | | |
| 2 | Nitrogen Dioxide (NO ₂) | Ambient Air Sample | 16 | | | |
| 3 | Particulate Matter 10 microns (PM ₁₀) | Ambient Air Sample | 16 | | | |
| 3 | Particulate Matter 2.5 microns (PM _{2.5}) | Ambient Air Sample | 16 | | | |
| 4 | Total Suspended Particulate (TSP) | Ambient Air Sample | 16 | | | |
| 5 | Lead (Pb) | Ambient Air Sample | 16 | | | |
| Quarterly: Raw Water Deep Well (5 production wells) | | | | | | |
| 1 | Chloride | Raw Water Sample | 20 | PW2, PW3, PW4, PW6 and PW7 | | |
| 2 | Iron | Raw Water Sample | 20 | | | |
| 3 | Bicarbonate as CaCO ₃ | Raw Water Sample | 20 | | | |
| 4 | Color | Raw Water Sample | 20 | | | |
| 5 | Manganese | Raw Water Sample | 20 | | | |
| 6 | Calcium | Raw Water Sample | 20 | | | |
| 7 | Fecal Coliform | Raw Water Sample | 20 | | | |
| 8 | Potassium | Raw Water Sample | 20 | | | |
| 9 | Magnesium | Raw Water Sample | 20 | | | |
| 10 | Nitrate as NO ₃ - N | Raw Water Sample | 20 | | | |
| 11 | Sodium | Raw Water Sample | 20 | | | |
| 12 | Sulfate | Raw Water Sample | 20 | | | |

| | | | | | | |
|----|-----------------------|------------------|----|--|--|--|
| 13 | pH (range) | Raw Water Sample | 20 | | | |
| 14 | Turbidity | Raw Water Sample | 20 | | | |
| 15 | Silica | Raw Water Sample | 20 | | | |
| 16 | Phosphate | Raw Water Sample | 20 | | | |
| 17 | Specific conductivity | Raw Water Sample | 20 | | | |
| 18 | Total Hardness | Raw Water Sample | 20 | | | |
| 19 | TSS | Raw Water Sample | 20 | | | |
| 20 | TDS | Raw Water Sample | 20 | | | |
| 21 | Oil and Grease | Raw Water Sample | 20 | | | |

Quarterly: Effluent (Outfall) Water (4 sampling stations)

| | | | | | | |
|----|---|-----------------------|----|----------------|--|--|
| 1 | Ammonia (NH ₃) | Effluent Water Sample | 12 | E1, E2, E3 | | |
| 2 | Arsenic (As) | Effluent Water Sample | 16 | E1, E2, E3, E5 | | |
| 3 | Benzene (C ₆ H ₆) | Effluent Water Sample | 12 | E1, E2, E3 | | |
| 4 | Benzo(a)pyrene (C ₂₀ H ₁₂) | Effluent Water Sample | 12 | E1, E2, E3 | | |
| 5 | BOD | Effluent Water Sample | 16 | E1, E2, E3, E5 | | |
| 6 | Cadmium (Cd) | Effluent Water Sample | 16 | E1, E2, E3, E5 | | |
| 7 | Chromium (Cr ⁺⁶) | Effluent Water Sample | 16 | E1, E2, E3, E5 | | |
| 8 | COD | Effluent Water Sample | 16 | E1, E2, E3, E5 | | |
| 9 | Color | Effluent Water Sample | 16 | E1, E2, E3, E5 | | |
| 10 | Cyanide (CN ⁻) | Effluent Water Sample | 12 | E1, E2, E3 | | |
| 11 | Dissolved Oxygen | Effluent Water Sample | 16 | E1, E2, E3, E5 | | |
| 12 | Ethylbenzene (C ₈ H ₁₀) | Effluent Water Sample | 12 | E1, E2, E3 | | |
| 13 | Lead (Pb) | Effluent Water Sample | 16 | E1, E2, E3, E5 | | |
| 14 | Mercury (Hg) | Effluent Water Sample | 16 | E1, E2, E3, E5 | | |
| 15 | Nitrate as NO ₃ - N | Effluent Water Sample | 16 | E1, E2, E3, E5 | | |

| | | | | | | |
|----|--|-----------------------|----|----------------|--|--|
| 16 | Oil and Grease | Effluent Water Sample | 16 | E1, E2, E3, E5 | | |
| 17 | pH | Effluent Water Sample | 16 | E1, E2, E3, E5 | | |
| 18 | Phenol & Phenol Substances | Effluent Water Sample | 16 | E1, E2, E3, E5 | | |
| 19 | Phosphate | Effluent Water Sample | 16 | E1, E2, E3, E5 | | |
| 20 | Sulfate | Effluent Water Sample | 16 | E1, E2, E3, E5 | | |
| 21 | Temperature | Effluent Water Sample | 16 | E1, E2, E3, E5 | | |
| 22 | Toluene (C ₇ H ₈) | Effluent Water Sample | 12 | E1, E2, E3 | | |
| 23 | TSS | Effluent Water Sample | 16 | E1, E2, E3, E5 | | |
| 24 | Xylene (C ₈ H ₁₀) | Effluent Water Sample | 12 | E1, E2, E3 | | |
| 25 | Zinc (Zn) | Effluent Water Sample | 12 | E1, E2, E3 | | |
| 26 | Fecal Coliform | Effluent Water Sample | 16 | E1, E2, E3, E5 | | |
| 27 | Surfactant (MBAS) | Effluent Water Sample | 12 | E1, E3, E5 | | |

Quarterly: Marine Water (6 sampling stations)

| | | | | | | |
|---|---------------------|---------------------|----|--------------------------|--|--|
| 1 | BOD | Marine Water Sample | 24 | M2, M4, M5, M6, M10, M11 | | |
| 2 | Arsenic | Marine Water Sample | 24 | M2, M4, M5, M6, M10, M11 | | |
| 3 | Cadmium | Marine Water Sample | 24 | M2, M4, M5, M6, M10, M11 | | |
| 4 | Chloride | Marine Water Sample | 24 | M2, M4, M5, M6, M10, M11 | | |
| 5 | Color | Marine Water Sample | 24 | M2, M4, M5, M6, M10, M11 | | |
| 6 | Dissolved Oxygen | Marine Water Sample | 24 | M2, M4, M5, M6, M10, M11 | | |
| 7 | Fecal Coliform | Marine Water Sample | 24 | M2, M4, M5, M6, M10, M11 | | |
| 8 | Hexavalent Chromium | Marine Water Sample | 24 | M2, M4, M5, M6, M10, M11 | | |

| | | | | | | |
|----|---------------------------------|---------------------|----|--------------------------|--|------------|
| 9 | Lead | Marine Water Sample | 24 | M2, M4, M5, M6, M10, M11 | | |
| 10 | Mercury | Marine Water Sample | 24 | M2, M4, M5, M6, M10, M11 | | |
| 11 | Nitrate as NO_3^- N | Marine Water Sample | 24 | M2, M4, M5, M6, M10, M11 | | |
| 12 | Oil and Grease | Marine Water Sample | 24 | M2, M4, M5, M6, M10, M11 | | |
| 13 | pH | Marine Water Sample | 24 | M2, M4, M5, M6, M10, M11 | | |
| 14 | Phenol & Phenol Substances | Marine Water Sample | 24 | M2, M4, M5, M6, M10, M11 | | |
| 15 | Phosphate | Marine Water Sample | 24 | M2, M4, M5, M6, M10, M11 | | |
| 16 | Temperature | Marine Water Sample | 24 | M2, M4, M5, M6, M10, M11 | | |
| 17 | TSS | Marine Water Sample | 24 | M2, M4, M5, M6, M10, M11 | | |
| 18 | COD | Marine Water Sample | 24 | M2, M4, M5, M6, M10, M11 | | |
| | | | | | | Php |

Name of Company: _____

Authorized Representative: _____
(Name & Signature)