



DEPARTMENT OF ENERGY

(Kagawaran ng Enerhiya)

Procurement Management Division

3F DOE Main Bldg., Energy Center, Rizal Drive Bonifacio

Global City, Taguig City, Philippines 1632

Telephone No.: (02) 3479-2900 local 383

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BIDDING DOCUMENTS

**1ST EPA CY2025 – EARLY PROCUREMENT ACTIVITIES FOR
THE SUPPLY, DELIVERY, COMMISSIONING AND
INSTALLATION OF GRFTLD's VARIOUS SCIENTIFIC
EQUIPMENT FOR CY2025**

(Purchase Request No. 05-0101-2025-EP-0024)

**6th Edition
July 2020**

Section I. Invitation to Bid



EARLY PROCUREMENT ACTIVITIES FOR THE SUPPLY, DELIVERY, COMMISSIONING AND INSTALLATION OF GRFTLD'S VARIOUS SCIENTIFIC EQUIPMENT FOR CY2025

1. The **Department of Energy (DOE)** is undertaking **Early Procurement Activities for the Supply, Delivery, Commissioning and Installation of GRFTLD's Various Scientific Equipment for CY2025** and intends to apply the sum of **Php39,422,000.00** that will be sourced from the **FY 2024 GAA**, being the Approved Budget for the Contract (ABC) to payments for the contract under **Purchase Request No. 05-0101-2024-EP-0024**.

This procurement is having **Twelve (12) lots**, and bidders may bid for all lots or any of the lot. Bids received in excess of the ABC for each lot shall be automatically rejected at bid opening.

Lot No.	Item Description	Qty	Unit Cost (Php)
1	Polarizing Microscope with Petrographic Analysis Software Integrated System	1	4,300,000.00
2	Stereomicroscope	1	1,400,000.00
3	Flashpoint Tester (Cleveland Open Cap)	1	2,500,000.00
4	Flashpoint Tester (Pensky Martens Closed Cup)	1	2,600,000.00
5	Oxidation Stability Tester – Induction Method (Gasoline)	1	4,100,000.00
6	Cold Soak Filtration Tester	1	1,900,000.00
7	Micro Carbon Residue Tester	1	2,100,000.00
8	Kinematic Viscosity Bath	1	1,200,000.00
9	Centrifuge Machine	1	1,700,000.00
10	Ultimate Analyzer (Carbon, Hydrogen, Nitrogen and Sulfur)	1	13,122,000.00
11	Calorimeter (Isoperibol)	1	4,000,000.00
12	Benchtop pH/ Conductivity Meter	1	500,000.00
Total ABC:			39,422,000.00

2. The DOE now invites bids for **Early Procurement Activities for the Supply, Delivery, Commissioning and Installation of GRFTLD's Various Scientific Equipment for CY2025**. Delivery of the Goods and Services is **One hundred fifty (150) Calendar Days** upon receipt of Notice to Proceed. Bidders should have completed, within **two (2) years from the date of submission and receipt of bids**, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary *"pass/fail"* criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184, otherwise known as the "Government Procurement Reform Act".

Bidding is open to all interested bidders, whether local or foreign, subject to the conditions for eligibility provided in the 2016 revised IRR of RA No. 9184.

4. **The DOE is implementing an Alternative Work Arrangement setting the office working days of DOE is from Mondays to Thursdays** and interested bidders may obtain further information from *Department of Energy – Procurement Management Division* and inspect the Bidding Documents at the address given below during office hours from Mondays to Thursdays 8:00am to 4:00pm.

Procurement Management Division
Department of Energy
DOE Main Building, Energy Center,
Rizal Drive, Bonifacio Global City
Taguig City, Philippines 1632

The DOE is implementing its digital Order of Payment System. Bidders are advised to:

1. Call the Procurement Management Division at 84792900 local 383 or send email to jlabad@doe.gov.ph, marcuevas@doe.gov.ph a day before their payment, with the following information:
 - a. Company Name
 - b. Title of Item to Bid
 - c. Contact Person
 - d. Contact Number
 - e. At least two (2) official email addresses
2. The supplier should respond “Yes” to the email that will be sent by DOE regarding the payment.
3. The Supplier will receive from DOE Accounting an approved Order of Payment.
4. The Supplier should present the approved Order of Payment to the DOE Treasury during payment and provide copy to Procurement Management Division or upon submission of Bid.
5. In case of Bank Payment the Supplier shall ensure that the amount paid is as reflected in the Order of Payment and sent a copy of the Bank Deposit Slip together with the approved Order of Payment to the email address above or upon submission of Bid

The DOE also accepts payment for the bid documents through bank payment (Landbank of the Philippines), **the amount to be paid thru Bank payment should be exclusive of bank and other charges:**

Payment for : Bidding Documents for [Item to be Bidded]
 Payee Account Name: DOE Trust Fund
New Account No. : 3982-1098-59
 Swift Code : TLBPPHMM
 Beneficiary Address : Department of Energy, Energy Center, BGC,
 Taguig City

Copy of the payment receipt must be emailed to:

Jaymee Joy A. Deogracias:
bacsecretariat@doe.gov.ph or jdeogracias@doe.gov.ph

5. For pre-bid conference purposes, the bid documents may be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Procuring Entity. The bidder shall pay the Bidding Documents not later than the submission of their bids.

Bidders are encouraged to download a copy of the Bid Documents for pre-bid conference purposes instead of physically securing a hard copy at the DOE-BAC Secretariat office.

6. A complete set of Bidding Documents may be acquired by interested Bidders on **14 November 2024** from the address below and upon payment of the applicable fee for the Bidding Documents, pursuant to Section 5 of Appendix 8 of the 2016 IRR of RA 9184 in the amounts posted below:

Lot No.	Item Description	
1	Polarizing Microscope with Petrographic Analysis Software Integrated System	3,000.00
2	Stereomicroscope	1,000.00
3	Flashpoint Tester (Cleveland Open Cap)	2,000.00
4	Flashpoint Tester (Pensky Martens Closed Cup)	2,000.00
5	Oxidation Stability Tester – Induction Method (Gasoline)	4,000.00
6	Cold Soak Filtration Tester	1,000.00
7	Micro Carbon Residue Tester	2,000.00
8	Kinematic Viscosity Bath	500.00
9	Centrifuge Machine	1,000.00
10	Ultimate Analyzer (Carbon, Hydrogen, Nitrogen and Sulfur)	5,000.00

11	Calorimeter (Isoperibol)	3,000.00
12	Benchtop pH/ Conductivity Meter	500.00
If all Lots		Php25,000.00

The Department of Energy will hold a Pre-Bid Conference on **21 November 2024** which **will start at 08:00 AM** at the DOE – **Audio Visual Room** DOE BAC Main Office.

7. Bids must be duly received by the BAC through manual submission at the office address indicated below on or before **08:00 AM of 05 December 2024** or submission could be made through courier service provided it will be stamped-received by the DOE Records Management Division or the BAC Secretariat on or **08:00 AM of 05 December 2024**. Online submission is not yet available. Late bids shall not be accepted.

**Annex Lobby
Procurement Management Division
Department of Energy
DOE Main Building, Energy Center,
Rizal Drive, Bonifacio Global City
Taguig City, Philippines 1632**

8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
9. Bid opening shall be on **05 December 2024 at 09:00AM**, DOE – Audio Visual Room, DOE-Main Building. The bidder’s authorized representative, as stated in the bid submission, is required to attend the Bid Opening at the DOE AVR. Bids will be opened in the presence of the bidders’ representatives.

Department of Energy
DOE Main Building, Energy Center,
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Taguig City, Philippines 1632

10. To minimize errors in the preparation of bids, bidders are strongly enjoined to send the person or representative actually preparing their bids to attend/participate in the Pre-bid Conference. The bidders’ representative shall carefully consider all the discussions during the Pre-bid Conference and be guided by them in the preparation of bids.

Official communication or notification shall be sent through the official email provided by the suppliers and are considered official and duly received by the supplier even without confirmation of such receipt.

11. The **Department of Energy** reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.

12. For further information, please refer to:

Jaymee Joy A. Deogracias

Procurement Management Division

DOE Main Bldg., Energy Center,

Rizal Drive Bonifacio Global City,

Taguig City, Philippines 1632

Email address: bacsecretariat@doe.gov.ph

Telephone/Facsimile: (02) 3479-2900 local 383 (02) 8541-4105

Website: www.doe.gov.ph

(sgd)

Usec. Giovanni Carlo J. Bacordo
Chairperson
Bids and Awards Committee

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, Department of Energy wishes to receive Bids for the **Early Procurement Activities for the Supply, Delivery, Commissioning and Installation of GRFTLD's Various Scientific Equipment for CY2025** under **Purchase Request No. 05-0101-2025-EP-0024**.

2. Funding Information

2.1. The GOP through the source of funding from GAA for **FY2024**, in the amount of **Php39,422,000.00**

3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manuals and associated policies, rules, and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or **IB** by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex "I" of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

5. Eligible Bidders

5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.

5.2. Foreign ownership limited to those allowed under the rules may participate in this Project.

5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the

Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to at least fifty percent (50%) of the ABC.

5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

6. Origin of Goods

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under **ITB** Clause 18.

7. Subcontracts

7.1. The Procuring Entity has prescribed that: **Subcontracting is not allowed.**

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address and/or through videoconferencing as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

10. Documents comprising the Bid: Eligibility and Technical Components

10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in Section VIII (Checklist of Technical and Financial Documents).

10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed **within two (2) years** prior to the deadline for the submission and receipt of bids.

10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

11. Documents comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

12. Bid Prices

- 12.1. Prices indicated on the Price Schedule is inclusive of all Value added tax and all other applicable taxes and charges and shall be entered separately in the following manner:
 - a. For Goods offered from within the Procuring Entity's country:
 - i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);
 - ii. The cost of all customs duties and sales and other taxes already paid or payable;
 - iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
 - iv. The price of other (incidental) services, if any, listed in e.
 - b. For Goods offered from abroad:
 - i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.
 - ii. The price of other (incidental) services, if any, as listed in **Section VII (Technical Specifications)**.

13. Bid and Payment Currencies

- 13.1. For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradeable currency accepted

by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.

13.2. Payment of the contract price shall be made in: Philippine Pesos

14. Bid Security

14.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

14.2. The Bid and bid security shall be valid **until 04 April 2025**. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

15. Sealing and Marking of Bids

Each Bidder shall submit one copy of the first and second components of its Bid.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

16. Deadline for Submission of Bids

16.1. The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 7 of the **IB**.

17. Opening and Preliminary Examination of Bids

17.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

17.2. The preliminary examination of bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

18. Domestic Preference

18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

19. Detailed Evaluation and Comparison of Bids

19.1. The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated “*passed*,” using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.

19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB Clause 14** shall be submitted for each lot or item separately.

19.3. The descriptions of the lots or items shall be indicated in **Section VII (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.

19.4. The Project shall be awarded as One (1) Project having several items that shall be awarded as one contract.

19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

20. Post-Qualification

20.2. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

21. Signing of the Contract

21.1. The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

Section III. Bid Data Sheet

Bid Data Sheet

ITB Clause	
5.3	For this purpose, contracts similar to the Project shall be: <ul style="list-style-type: none"> a. Similar contract related to the supply, delivery, commissioning and installation of scientific equipment. b. Completed within two (2) years prior to the deadline for the submission and receipt of bids
7.1	Subcontracting is not allowed
10.1	Brochures of products being offered is part of the submission for post qualification
12	The price of the Goods shall be quoted DDP – Department of Energy or the applicable International Commercial Terms (INCOTERMS) for this Project.
14.1	The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts: <ul style="list-style-type: none"> a. Not less than 2% of the Total ABC of bid, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or b. Not less than 5% of the Total ABC of bid, if bid security is in Surety Bond.
15.	Each Bidder shall submit one (1) original and two (2) copies of the first and second components of its bid.
20.2	No further Instructions

Section IV. General Conditions of Contract

1. **Scope of Contract**

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract (SCC)**.

2. **Advance Payment and Terms of Payment**

2.1. Advance payment of the contract amount is provided under Annex "D" of the revised 2016 IRR of RA No. 9184.

2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

3. **Performance Security**

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184

4. **Inspection and Tests**

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the **SCC, Section IV (Technical Specifications)** shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

5. Warranty

5.1 In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.

5.2 The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

6. Liability of the Supplier

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Supplier is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

Section V. Special Conditions of Contract

Special Conditions of Contract

GCC Clause	
1	<p>Delivery and Documents –</p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p>“The delivery terms applicable to the Contract are DDP delivered Department of Energy, Taguig City. In accordance with INCOTERMS.”</p> <p>“The delivery terms applicable to this Contract are Department of Energy, Taguig City. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).</p> <p>For purposes of this Clause the Procuring Entity’s Representative at the Project Site is: Ms. Virginia S. Llamo – Chief, ERTLS-GRFTLD</p>
	<p>Delivery and Documents</p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p>The delivery terms applicable to this Contract are delivered at DOE Main Office. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).</p> <p>Packaging</p> <p>The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take</p>

into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.

Transportation

Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.

Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.

Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available, but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.

The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers, risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.

Intellectual Property Rights –

The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.

2.2	<p>The terms of payment shall be as follows:</p> <p>Payment shall be made as per schedule under the TOR and will be processed and paid upon completion of all deliverables and issuance of end-user's acceptance certificate and submission of complete documents. Payment is through check payment and is subject to usual government budgeting auditing, and accounting procedures.</p>
4	Inspection and Tests: As stated in the TOR/Specifications
5.1	No further instructions

Section VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Lot No.	Item	Delivery
1	Procurement of Supply, Delivery, Commissioning and Installation of GRFTLD's Various Scientific Equipment for CY2025	One hundred fifty (150) Calendar Days upon receipt of Notice to Proceed

Section VII. Technical Specifications/ Terms of Reference

**Bidder's
Compliance**

TERMS OF REFERENCE (TOR)

CY2025 GRFTLD's Various Scientific Equipment

ABC: (PhP 39,422,000.00)

Lot No.	Item Description	Qty	Unit Cost (Php)
1	Polarizing Microscope with Petrographic Analysis Software Integrated System	1	4,300,000.00
2	Stereomicroscope	1	1,400,000.00
3	Flashpoint Tester (Cleveland Open Cap)	1	2,500,000.00
4	Flashpoint Tester (Pensky Martens Closed Cup)	1	2,600,000.00
5	Oxidation Stability Tester – Induction Method (Gasoline)	1	4,100,000.00
6	Cold Soak Filtration Tester	1	1,900,000.00
7	Micro Carbon Residue Tester	1	2,100,000.00
8	Kinematic Viscosity Bath	1	1,200,000.00
9	Centrifuge Machine	1	1,700,000.00
10	Ultimate Analyzer (Carbon, Hydrogen, Nitrogen and Sulfur)	1	13,122,000.00
11	Calorimeter (Isoperibol)	1	4,000,000.00
12	Benchtop pH/ Conductivity Meter	1	500,000.00
Total ABC:			39,422,000.00

I. TERMS OF REFERENCE:

Lot No. 1 - Polarizing Microscope with Petrographic Analysis Software Integrated System

TECHNICAL SPECIFICATIONS:

- Polarizing microscope with transmitted light source with attached camera, petrographic analysis and biostratigraphic data management software, complete computer set-up, printer and scanner
 - High end microscope frame with attachable mechanical stage (circular rotatable), graduated with set of click stop including stage insert plate, one pair of centering knob and one pair of stage clip
 - Simple polarizing intermediate attachment
 - Polarizing intermediate attachment for conoscopic observation with rotating analyzer; Intermediate tube for conoscope
 - Polarizing intermediate attachment for orthoscopic observation including orientation plate
 - Polarizing condenser, N.A. 0.9 – 0.18 (swing out type)
 - Binocular tube for polarizing microscope

- Trinocular tube for camera attachment
- Revolving sextuple nosepiece with a slot for analyzer or DIC slider including two cable clamp corresponding to RoHS regulations
- Graduated rotatable analyzer
- Adapter slider for compensator
- Thick belek compensator
- Polarizer for transmitted light
- Interference green contrast filter, 45mm diameter
- Tint plate; gypsum plate
- $\frac{1}{4}$ wavelength retardation plate
- Widefield eyepiece, 10X
- Widefield eyepiece, 10X with double cross lines, focusable
- LED light source for transmitted light equivalent to 100 watts halogen lamp
- Polarizing objective (Achromat or N-Achroplan equivalent) 4X
- Polarizing objective (Achromat or N-Achroplan equivalent) 10X
- Polarizing objective (Achromat or N-Achroplan equivalent) 20X
- Polarizing objective (Uplan Super Apochromat or Achroplan equivalent) 40X/ (spring, oil)
- Polarizing objective (Achromat or N-Achroplan equivalent) 100X (spring, oil)
- Immersion oil, $n_e = 1.518$, 10 ml/ bottle
- Dust cover
- Power cord
- Lamp socket
- UPS 1 KVA – 2 sets
- Automatic voltage regulator, 3-meters long with 4-5 universal outlets – 2 sets

- Petrographic Analysis Software with the following features/contents:
 - Digital Thin Section Analysis: High-resolution imaging, automated/manual point counting, grain size measurement.
 - Data Integration and Management: Seamless integration with geological databases, multi-user collaboration with real-time updates.
 - Quantitative Analysis: Accurate analysis of mineral compositions, tools for porosity and permeability analysis.
 - Statistical Tools: Generation of statistical summaries and high-quality graphical outputs.
 - Reporting and Documentation: Customizable report generation with support for industry-standard formats.
 - Integration with Other Software: GIS compatibility, various export formats (Excel, CSV, PDF).
 - Quality Control and Assurance: Automated checks for data accuracy and reliability.
 - Versatility: Support for a wide range of rock types (clastic, carbonate, metamorphic).

- 3-year license subscription and maintenance
- Biostratigraphic Data Management Software with the following features/contents:
 - Biostratigraphic Data Management: Taxonomic database and stratigraphic range charts.
 - Geological Data Integration: Stratigraphic correlation with lithostratigraphic and seismic data.
 - Data Visualization: Customizable charts, graphs, and composite plots.
 - Reporting and Documentation: Automated report generation with customizable templates.
 - Quality Control: Automated consistency checks for data reliability.
 - Multi-User Collaboration: Facilitates collaborative access and updates.
 - Export and Integration: Multiple export formats and compatibility with other software.
 - Support for Multiple Disciplines: Integrates data from various paleontological disciplines.
 - 3-year license subscription and maintenance
- Digital camera for photomicrography, technical discussions, and virtual lectures
 - With high resolution
 - Colored image sensor
 - With various live frame rates
 - With main license including license sheet
 - With installation disc and manual
 - Desktop Computer Set
 - Processor : Intel core i7
 - RAM : 32GB 3200Mhz
 - Motherboard: DDR4 with Built-in Wifi
 - Hard Drive : 1 TB - SSD
 - Operating System : Windows 11 Pro, 64 bit
 - Monitor : at least 27 inch with HDMI and VGA output
 - Video Card: 16 GB GDDR6
 - Casing with power supply : Power Supply: 650W, 80+ Plus Gold
 - With mouse and keyboard
 - Microsoft office
 - Antivirus
 - Ink Tank Color Printer, Wi-Fi, Wi-Fi Direct, Ethernet, With spare ink – 5 sets
 - UPS, 375 Watts / 650VA Output Frequency: 50/60 Hz +/- 1 Hz Unsynchronised Input Frequency: 50/60 Hz +/- 5 Hz Auto-Sensing Input Voltage Range for Main Operations: 170 - 280v Batteries & Runtime Battery Type Lead-Acid Battery Typical Recharge Time : 8 Hour(S) Nominal Battery Voltage : 12 V Expected Battery Life : 3 - 5 Surge Energy Rating : 156joules

The package shall include the following accessories:

- One (1) Microscope table with the following features:
 - Table Design and Construction:
 - Durable materials with a non-slip, chemical-resistant surface.
 - High weight capacity and anti-vibration features for stability.
 - Ergonomic Features:
 - Contoured tabletop design for reduced strain.
 - Height adjustability for sitting and standing positions.
 - Arm support integrated into the contoured surface.
 - Functionality:
 - Sufficient flat surface area enough to accommodate the microscope, additional equipment (e.g., computers), and workspace for samples and notes
 - Integrated storage options like drawers or shelves.
 - Built-in power outlets and cable management solutions (Optional)
 - Mobility:
 - Equipped with heavy-duty caster wheels with locking mechanisms.
 - Customization and Modularity: Modular design for customization to specific user needs.

- Laboratory Pushcart – 2 sets
 - Stainless steel; gauge 18
 - Stainless tubular frame
 - With two shelves, bordered with 3 inches stainless steel sidings/edges
 - With handles
 - 4 silent caster swivel wheels (4inches) with lock
 - Approximately height of 30.5 inches
 - Approximately width of 20 inches

- One (1) Stainless Steel Worktable with Undershelf
 - 80" length x 60" width x 72" height
 - 14-gauge type 304 stainless steel top
 - 1 5/8" stainless steel legs with adjustable metal bullet feet
 - Top shelf holds up to 760 lb of evenly distributed weight; bottom shelf holds up to 410 lb

- Bidder must be an exclusive/authorized dealer or distributor of the equipment it tenders to bid for.

- Bidder must include in its offer any items not specified in bid document but necessary to operate equipment for intended test.

Lot No. 2 – Stereomicroscope

TECHNICAL SPECIFICATIONS:

➤ BRAND NEW STEREO MICROSCOPE

- 10:1 zoom microscope body with aperture diaphragm
- Fine and coarse focusing unit
- 30 degrees inclined trinocular observation tube
- Distortion free plan apochromat objective 1X, W.D.81mm
- Eyepiece 10X without diopter adjustment in ESD capability
- Single position LED transmitted light illumination base
- Illumination cartridge
- Power cord
- Dust cover
- LED light source for light guide
- LBA Filter
- Light guide, with bifurcated fiber optics
- Collector lens

➤ DIGITAL CAMERA AND PC ATTACHMENT

- Digital Camera with the following specifications:
 - With high resolution
 - Colored image sensor
 - With various live frame rates
 - With main license including license sheet
 - With installation disc and manual
- Imaging Software Main License including License sheet
- C-mount camera attachment with 0.63X lens
- Power Cord
- Desktop Computer set and accessories with the following specifications:
 - Processor : Intel core i7
 - RAM : 32GB 3200Mhz
 - Motherboard: DDR4 with Built-in Wi-Fi
 - Hard Drive : 1 TB - SSD
 - Operating System : Windows 11 Pro, 64 bit
 - Monitor : at least 27 inch with HDMI and VGA output
 - Video Card: 16 GB GDDR6
 - Casing with power supply: Power Supply: 650W, 80+ Plus Gold
 - Wired mouse and wired keyboard
 - Microsoft office
 - Antivirus
 - Ink Tank Color Printer, Wi-Fi, Wi-Fi Direct, Ethernet, With spare ink – 5 sets
 - UPS, 375 Watts / 650VA Output Frequency: 50/60 Hz +/- 1 Hz Unsynchronised Input Frequency: 50/60 Hz +/- 5 Hz Auto-Sensing Input Voltage Range for Main Operations: 170 - 280v Batteries & Runtime Battery Type Lead-Acid

Battery Typical Recharge Time : 8 Hour(S) Nominal
Battery Voltage : 12 V Expected Battery Life : 3 - 5 Surge
Energy Rating : 156joules

- The package shall include the following accessories:
 - One (1) Microscope table with the following features:
 - Table Design and Construction:
 - Durable materials with a non-slip, chemical-resistant surface.
 - High weight capacity and anti-vibration features for stability.
 - Ergonomic Features:
 - Contoured tabletop design for reduced strain.
 - Height adjustability for sitting and standing positions.
 - Arm support integrated into the contoured surface.
 - Functionality:
 - Sufficient flat surface area enough to accommodate the microscope, additional equipment (e.g., computers), and workspace for samples and notes
 - Integrated storage options like drawers or shelves.
 - Built-in power outlets and cable management solutions (Optional)
 - Mobility:
 - Equipped with heavy-duty caster wheels with locking mechanisms.
 - Customization and Modularity: Modular design for customization to specific user needs.
 - Two (2) Units Economy Desiccator for drying, dust and moisture protection and storage of samples
 - Vertical type
 - Extra shelves, 12 pcs
 - One (1) Unit Hot plate, 5 X 7 inches, 220v – for fast drying of samples
- Bidder must be an exclusive/authorized dealer or distributor of the equipment it tenders to bid for.
- Bidder must include in its offer any items not specified in bid document but necessary to operate equipment for intended test.

Lot No. 3 – Flashpoint Tester (Cleveland Open Cup)

TECHNICAL SPECIFICATIONS:

- Fully compliant to ASTM D92 – Standard Test Method for Flash Point by Cleveland Open Cup (COC) Tester
- Automated detection of flash and fire point
- Built-in fire extinguisher with ultra - fast optical detector
- Built-in probe calibration
- Built-in Barometric Pressure Sensor and Correction
- Built-in cooling system
- Detects flashpoint up to 400°C for petroleum products, lube oil, gear oil, chemicals, fluxed bitumen and water-based or silicon samples without any detection problem.
- Automatic lift-arm
- Automatic QC-sample handling and QC-chart
- Robust hardware design
- User-friendly interface
- Easy cleaning and low maintenance
- Easy, Safe and Accurate Flash Point Determination
- Excellent analysis performance and robustness
- High safety standards with preventive fire detection & safety monitoring system

Includes the following:

- Recommended spare parts and consumables for two years operation (i.e. CRM COC, approx. +220°C, 255mL)
 - Electrical Requirements: 230V, supplied with AVR
- Bidder must be an exclusive/authorized dealer or distributor of equipment it tenders bid for.
- Bidder must include in its offer any items not specified in bid document but necessary to operate equipment for intended test, i.e. all installation materials like power supply lines, gas, gas lines, etc.)

Lot No. 4 – Flashpoint Tester (Pensky Martens Close Cup)

TECHNICAL SPECIFICATIONS:

- Fully compliant to ASTM D93 – Standard Test Method for Flash Point by Pensky-Martens Closed Cup Tester
- Automated detection of flash point
- Built-in fire extinguisher with ultra fast optical detector
- Built-in probe calibration
- Built-in Barometric Pressure Sensor and Correction
- Built-in cooling system

- Detects flash point up to 400°C for petroleum products, biodiesel, lube oil, gear oil, chemicals, fluxed bitumen
- Automatic lift-arm and stirrer
- Automatic QC-sample handling and QC-chart
- Robust hardware design
- User-friendly interface
- Easy cleaning and low maintenance
- Easy, Safe and Accurate Flash Point Determination
- Excellent analysis performance and robustness
- High safety standards with preventive fire detection & safety monitoring system

Includes the following:

- Recommended spare parts and consumables for two years operation (i.e. CRM PM Method A approx. +65°C & +210°C and Method B approx. +100°C, 255mL)
- Electrical Requirements: 230V, supplied with AVR
- Bidder must be an exclusive/authorized dealer or distributor of equipment it tenders bid for.
- Bidder must include in its offer any items not specified in bid document but necessary to operate equipment for intended test, i.e. all installation materials like power supply lines etc

Lot No. 5 – Oxidation Stability Tester – Induction Method (Gasoline)

TECHNICAL SPECIFICATIONS:

- Fully compliant to ASTM D525 - Standard Test Method for Oxidation Stability of Gasoline (Induction Period Method)
- Computerized and Fully Automated Test
- Pressure vessel: made of corrosion-resistant steel with burst-disc assembly with minimum wall thickness of 5mm; can withstand working pressure of 1240kPa at 100°C
- Direct pressure measurement in the vessel
- Quick Coupling
- Metallic dry bath
- Minimum of four (4) test positions
- Test temperature range: ambient to 120°C
- Easy cleaning and low maintenance
- Excellent analysis performance and robustness

Includes the following:

- 4 pcs - Pressure sensors, 4 pcs - stainless steel test vessel with safety burst disc, 10 pcs - glass test container with cover, 1 unit - safety oxygen filling and decompression with protective screen, 1 unit - thermal printer, 2 packs - thermal paper, 1 rack for two (2) test

cylinders and 1 pc safety cabinet for storage of flammable test samples

- Recommended spare parts and consumables for two years operation
- Electrical Requirements: 230V, supplied with AVR

- Bidder must be an exclusive/authorized dealer or distributor of equipment it tenders bid for.
- Bidder must include in its offer any items not specified in bid document but necessary to operate equipment for intended test, i.e. all installation materials like power supply lines, gas, gas lines, etc.

Lot No. 6 – Cold Soak Filtration Tester

TECHNICAL SPECIFICATIONS:

- Fully compliant to ASTM D7501 - Determination of Fuel Filtration Blocking Potential of Biodiesel (B100) Blend Stock by Cold Soak Filtration Test (CSFT)
- Integrated filtration system including funnel and funnel base, ground/bond wire, electrical bonding apparatus, receiving and safety flasks and Whatman glass fiber filters (47mm diameter and 0.7µm)
- Integrated vacuum system capable of producing a vacuum of ~70 to 85 kPa (21 to 25 in. of Hg)
- Chilling apparatus capable of sustaining temperature of 4.5 +/- 0.5°C (40 +/- 1°F) and circulating water bath capable of sustaining temperature of 25 +/- 0.5°C (77 +/- 1°F) with minimum of four (4) test positions
- Easy cleaning and low maintenance
- Excellent analysis performance and robustness

Includes the following:

- 2 pcs - Forceps, 6 pcs - 500-mL cylinders graduated in 5-mL increments, 2 pcs - 1L safety flasks, 2 pcs - 1L receiving flasks, 3 pcs - glass filter funnels and clamps, 10 pcs - petri dishes, 10 pcs - watch glass, protective cover, 2 pcs - timer/stop watch capable of displaying elapsed times of at least 900s to the nearest 0.1s, 2 pcs - thermometer/RTD sensor capable of measuring +/- 0.5°C (+/- 1°F) and 3 pcs – rubber stopper with hole
- Recommended spare parts and consumables including micron filter and test jars for two years operation
- Electrical Requirements: 230V, supplied with AVR

- Bidder must be an exclusive/authorized dealer or distributor of equipment it tenders bid for.
- Bidder must include in its offer any items not specified in bid document but necessary to operate equipment for intended test, i.e. all installation materials like power supply lines, gas, gas lines, etc.

Lot No. 7 – Microcarbon Residue Tester

TECHNICAL SPECIFICATIONS:

- Fully compliant to ASTM D4530 – Standard Test Method for Determination of Carbon Residue (Micro Method)
- Coking Oven with heating capability from 10°C/min to 40°C/min rate to 500 °C, with thermocouple sensor and removable condensate trap located at the oven chamber base.
- Sample Vial Holder: Cylindrical aluminum block with 6 - 12 evenly spaced holes depending on the size of the sample arranged in a circular pattern
- Thermocouple: suitable for controller and temperature range of interest, with exterior temperature readout in degrees Celsius.
- Processes up to 12 samples simultaneously
- Accommodates sample sizes from 0.1 to 2 grams
- Permits routine analysis for carbon residue from 0.1 % to over 30%
- Robust hardware design
- Easy cleaning and low maintenance
- Excellent analysis performance and robustness

Includes the following:

- Recommended spare parts and consumables (glass sample vials, 2mL capacity, 12mm outside diameter by approximately 35mm high and larger 4-dram glass sample vials, 15mL capacity) for two years operation, basket for 1-dram & 4-dram vials, basket handle, analytical balance and low, medium & high Reference Carbon Residue about 1.5Pct
- Electrical Requirements: 230V, supplied with AVR
- Bidder must be an exclusive/authorized dealer or distributor of equipment it tenders bid for.
- Bidder must include in its offer any items not specified in bid document but necessary to operate equipment for intended test, i.e. all installation materials like power supply lines, gas lines, etc.

Lot No. 8 – Kinematic Viscosity Bath

TECHNICAL SPECIFICATIONS:

- Fully compliant to ASTM D445 - Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (and Calculation of Dynamic Viscosity)
- Temperature: capable of maintaining ambient to 100°C
- Temperature Display: 0.1°C resolution or better
- Viscometer Ports: minimum of seven (7) round 2" (51mm) ports
- Bath Capacity: 22L or higher
- Bath Medium: water or suitable heat transfer fluid

- Timing Device: spring-wound or digital; capable of taking readings with discrimination of 0.1s or better
- Easy cleaning and low maintenance
- Excellent analysis performance and robustness

Includes the following:

- 2 pcs ASTM 120C/IP 92C Thermometer
 - 2 pcs ASTM 46C/IP 66C Thermometer
 - 2 pcs ASTM 121C/IP 32C Thermometer
 - 7 pcs Viscometer Holders
 - 6 pcs Viscometer Tubes
 - 1 pk (12pcs) Rubber Stopper Viscometer Tubes
 - 2 pcs Stopwatch
 - Recommended spare parts and consumables for two years operation
 - Electrical Requirements: 230V, supplied with AVR
 - 1 cby mineral oil
 - Viscosity and Density Reference Standard N350, S20 & S3, 500mL
- Bidder must be an exclusive/authorized dealer or distributor of equipment it tenders bid for.
- Bidder must include in its offer any items not specified in bid document but necessary to operate equipment for intended test, i.e. all installation materials like power supply lines, etc.

Lot No. 9 – Centrifuge Machine

TECHNICAL SPECIFICATIONS:

- Fully compliant to ASTM D1796 – Standard Test Method for Water and Sediment in Fuel Oils by the Centrifuge Method (Laboratory Procedure) and D2709 – Standard Test Method for Water and Sediment in Middle Distillate Fuels by Centrifuge
- Capacity: four (4) cone-shaped centrifuge tubes
- With trunnion cups and cushions to support centrifuge tubes when in motion
- Enclosed by a metal shield or case for safety in case of occurrence of breakage; robust hardware design
- Controlled speed to give relative centrifugal force (rcf) of 500 – 800 at the tip of the tubes
- Timer: 0 to 999 min
- Temperature Control: ambient to 93°C (200°F)
- Temperature Readout: Digital
- Brake: Automatic Dynamic
- Easy cleaning and low maintenance
- Excellent analysis performance and robustness

Includes the following:

- 12 pcs - Centrifuge tubes (Cone-shaped, 100mL, 203mm)
- Recommended spare parts and consumables for two years operation
- Electrical Requirements: 230V, supplied with AVR
- Bidder must be an exclusive/authorized dealer or distributor of equipment it tenders bid for.
- Bidder must include in its offer any items not specified in bid document but necessary to operate equipment for intended test, i.e. all installation materials like power supply lines, etc.

Lot No. 10 – Ultimate Analyzer (Carbon, Hydrogen, Nitrogen, and Sulfur.)

TECHNICAL SPECIFICATIONS

- Bench-top analyzer to determine the carbon, hydrogen, nitrogen and sulfur content of coal, coke and other related samples
- Sulfur analyzer can be an add-on unit
- Software:
 - User- friendly to access method settings, diagnostics, reporting and retrieving of results
 - Compatible with various Laboratory Information Management Systems (LIMS)
 - Lifetime free update
- Maximum throughput with autoloader (30 or more positions) for CHN
- High precision operation to meet/exceed the repeatability and reproducibility requirements of international standard test methods
- Operation/Measurement (CHN Analyzer):
 - PC-controlled with touch screen feature and can be used simultaneously with the S analyzer
 - Analysis - can determine carbon, hydrogen and nitrogen sequentially per sample testing
 - Analysis time – less than 5 minutes per sample
 - Sample weight – range recommended by the manufacturer
 - Detection Method – Infrared Absorption for carbon and hydrogen; Thermal Conductivity for nitrogen
 - Gases: Oxygen (combustion gas), Argon (carrier gas) and Compressed air/air compressor can be used as substitute (pneumatic)
 - Analysis Range – up to 100% for carbon, up to 15% for hydrogen and up to 5% for nitrogen
 - Temperature ramping – precise and with low temperature overshoot
 - Furnace temperature can be regulated at 900°C and 1150°C
 - Gas conservation mode feature
 - Test method - preloaded or can be configured with applicable test method to analyze coal and coke and other related samples using ASTM D5373-16
- Operation/Measurement (Sulfur Analyzer)

- PC-controlled and can be used simultaneously with CHN Analyzer
- Analysis time – less than 3 minutes per sample
- Sample weight – range recommended by the manufacturer
- Detection Method – Infrared Absorption using Oxygen (combustion gas)
- Analysis Range – up to 20%
- Temperature ramping – precise and with low temperature overshoot
- Furnace temperature can be regulated at 1350°C
- Test method - preloaded or can be configured with applicable test method to analyze coal and coke and other related samples using ASTM D4239-18
- Sample combustion boats must be reusable
- Power supply – 220 to 240V, 50/60 Hz and preferably 6 KW max
- Can be interfaced with various types of printer and analytical balance
- Preferably with an option to access remotely the diagnostics menu of the system for easy troubleshooting by the authorized Service Engineer/s (when needed)
- Temperature calibration certificate of the CHNS Analyzer by an accredited PNS ISO/IEC 17025:2017 calibration facility
- Package includes the following:
 - Five (5) bottles of complete coal standards (50 gram/bottle) with expiration of at least 2 years upon delivery
 - Recommended spare parts for two years operation.
 - Operating supplies for at least 2000-5000 analysis. If in case special permit/s is/are required such as for magnesium perchlorate, the end-user may opt to add up to 5 bottles of said item/s
 - One (1) unit laser jet (black) printer with additional two (2) cartridges
 - One (1) unit automatic voltage regulator (10KVA, 220VAC, 60 Hertz and Single Phase) to operate the unit
 - One (1) unit analytical balance up to 250 g capacity, 0.0001g resolution with certificate of calibration from an accredited PNS ISO/IEC 17025:2017 calibration facility
 - One (1) unit vibration-free table fit for analytical balance use
- Bidder must be an exclusive/authorized dealer or distributor of the equipment it tenders bid for
- Bidder must include in its offer any items not specified in bid document but necessary to operate equipment for intended test i.e., oxygen, argon and compressed air (content only- 2 for commissioning/installation and spare for each gas), gas regulators and all installations like power supply, gas lines and floor/wall mounting costs if necessary, etc

Lot No. 11 – Calorimeter (Isoperibol)

TECHNICAL SPECIFICATIONS

- Bench-top isoperibol calorimeter to determine the gross calorific value of coal, coke and other related samples
- Maximum throughput of 4-6 samples per hour
- High precision operation to meet/exceed the repeatability and reproducibility requirements of international standard test methods
- Stand alone or PC-controlled feature
- Compact requiring minimum laboratory space
- Operation/Measurement:
 - Analysis time – 8 to 16 minutes per sample
 - Sample weight – can analyze 0.8 to 1.2 gram of sample
 - Equipped with circulating system and electric heater that provides temperature-controlled water for the calorimeter jacket
 - Equipped with water handling system that provides temperature-controlled water for automated filling and draining the calorimeter bucket
 - With built-in automatic oxygen charging system
 - With high precision electronic thermometer with temperature resolution of 0.0001°C
 - With one (1) set of removable Oxygen bomb
 - Compliant to ASTM D5865-19 Standard Test method for Gross Calorific Value of Coal and Coke
 - Software: user- friendly to access method settings, diagnostics, reporting and retrieving of results.
 - Power supply – 220 to 240V, 50/60 Hz
 - Can be interfaced with various types of analytical balance and printer
- Package includes the following:
 - Two (2) bottles of benzoic acid pellets (100 pellets/bottle, 1g/pellet) with expiration of at least 2 years upon delivery
 - Two (2) bottles of complete coal standards (50 gram/bottle)
 - Recommended spare parts/service kit for two years operation
 - One (1) set of operating consumables (sample capsule, fuse wire, etc.) necessary for at least 500 firings
 - One (1) set extra bomb and bucket (if applicable) for increased throughput
 - One (1) unit compatible printer with 2 extra cartridges and 1 pack of printer paper
 - One (1) unit automatic voltage regulator (3 KVA, 220 V, Single Phase) with uninterruptible power supply (3000VA/2700W, Back up time >3.5 minutes) to operate the calorimeter
 - Temperature calibration certificate of the calorimeter by an accredited PNS ISO/IEC 17025:2017 calibration facility
- Bidder must be an exclusive/authorized dealer or distributor of the equipment
it tenders bid for
- Bidder must include in its offer any items not specified in bid document but necessary to operate equipment for intended test i.e., oxygen (content only- 2 for commissioning/installation and spare), gas regulator/s and all installations like power supply, gas lines and floor/wall mounting costs if necessary, etc.

Lot No. 12 – Benchtop pH/ Conductivity Meter

TECHNICAL SPECIFICATIONS

- Bench-top pH/Conductivity Meter to determine pH, specific conductance and total dissolved solids of/in geothermal water and other related samples using the following test methods:
 - Electrometric - pH
 - Conductimetric Potentiometry – Specific Conductance
- Interfaced with a laptop for monitoring the analysis, easy retrieval and storage of test results
- Operation/Measurement:
 - pH Range : 0 to 14
 - pH Resolution : 0.01
 - pH Accuracy : ± 0.01
 - Automatic Buffer Recognition : pH 4, 7, 10
 - Temperature Range : 0 to 100°C
 - Temperature Compensation : Automatic or manual
(correction is parameter dependent)
 - Temperature Accuracy : $\pm 0.3^{\circ}\text{C}$
 - Specific Conductance Range : 0.01 $\mu\text{S}/\text{cm}$ to 3000 $\mu\text{S}/\text{cm}$
 - Specific Conductance Resolution: 0.01 $\mu\text{S}/\text{cm}$
 - Specific Conductance Accuracy : 0.5% of reading
 - Electrical Requirements : 220-240 volts, 50-60 Hertz
- Package includes the following:
 - One (1) unit portable Multi-Parameter Meter to determine pH, specific conductance and total dissolved solids of geothermal water samples that can be used during on-site/field testing
 - ✓ Water and dust proof; non-slip; shock and scratch resistant
 - ✓ With carrying case that is sturdy and organized to contain the meter, probe, solutions and other accessories
 - ✓ With display of test parameter/s, temperature, electrode status and possible errors when in use
 - One (1) unit laser jet (black) printer with two (2) ink cartridge/toner
 - One (1) Liter each of the following:
 - ✓ Buffer solution pH 4, 7 and 10
 - ✓ Conductivity standard, 1413 μS
 - ✓ Electrode Storage Solution(Expiration should be at least two years upon delivery and packaging is 500 mL per bottle)
 - One (1) unit spare electrode for pH and conductivity (for both bench-top and portable)
 - One (1) unit Automatic Voltage Regulator (1KVA, 220V, Single Phase)
 - Recommended spare parts/service kit for two years operation
 - Probe calibration certificate of the unit by an accredited PNS ISO/IEC 17025:2017 calibration facility
 - One (1) dozen 100 mL glass beakers
 - One (1) dozen 250 mL glass beakers

- One (1) unit magnetic stirrer (ceramic - 6"X6") with magnetic stirrer bar
- One (1) unit 25 mL automatic zero burette with reagent bottle
- One (1) unit 50 mL automatic zero burette with reagent bottle
- One (1) unit emergency eye wash and shower

- Bidder must be an exclusive/authorized dealer or distributor of the equipment it tenders bid for
- Bidder must include in its offer any items not specified in bid document but necessary to operate equipment for intended test.

II. TERMS AND CONDITIONS:

1. Delivery must include instruction manual, certificate and schematic diagram.
2. The prices quoted shall be firm and irrevocable and not subject to any change whatsoever, even due to increase in cost of raw material components and fluctuations in foreign exchange rates and excise duties. Should the equipment be rendered obsolete or phased out by the manufacturer, the upgraded or new version shall be delivered at no added cost to DOE.
3. Equipment warranty must be one (1) year plus additional two (2) years preventive maintenance which shall commence after one (1) year from the time of signing of Acceptance Certificate. At least one year guarantee on all equipment parts/accessories. The equipment is to be guaranteed for trouble-free performance for a minimum period of one year after installation. Supplier should warrant that all components shall be new and of the first quality according to specifications and shall be free from defects. The defects, if any, during the warranty period are to be rectified free of charge by arranging free replacement whenever necessary.
4. The bidder must be able to provide free equipment operation training at customer's site within thirty (30) days after delivery, commissioning and test run of equipment.
5. The technical bid shall include manufacturer's name, address and relevant technical literature/brochures with warranty terms.
6. Ninety nine percent (99%) of purchase price will be processed only upon satisfactory completion of commissioning of the equipment and onsite training within 30 days from issuance of acceptance from end-user. Satisfactory equipment commissioning includes a demonstration of acceptable equipment performance, as much as possible through the conduct of test runs using standards and samples for intended test(s) as well as the equipment operation training shall have been served/provided. A retention fee equivalent to one percent (1%) of the total contract price shall be released after the warranty period has elapsed.
7. Supplier must also include in its submission information as to its capability to provide after-sales service, including current employment of local qualified service engineers/technicians with experience and training relevant to the bid.
8. DOE shall not provide any accommodation/transportation for engineers/representatives for attending installation, commissioning, and

<p>demonstration work. It is the absolute responsibility of the principal supplier/Philippine agent to make their own arrangements.</p> <p>9. Bids should be in Philippine currency and must include all costs attendant to the delivery of the equipment to GRFTLD-DOE such as freight, brokerage, duties and taxes related to the equipment purchase.</p> <p>10. Delivery Terms: Within 150 days upon receipt of Notice to Proceed (NTP).</p>	
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Section VIII. Checklist of Technical and Financial Documents

Checklist of Technical and Financial Documents
(Requirement during the Opening of Bids) and
Documentary Requirements for Post-qualification

I. TECHNICAL COMPONENT ENVELOPE

Class “A” Documents

Legal Documents

- (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages).
Or
- (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document;
And
- (c) Mayor’s or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;
And
- (d) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

Technical Documents

- (e) Statement of the prospective bidder of all its ongoing government and private contracts, completed 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 (**Bidding Form Annex A**); and
- (f) Statement of the bidder’s Single Largest Completed Contract (SLCC) (**Bidding Form Annex B**) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; and
- (g) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission; or original copy of Notarized Bid Securing Declaration (**Bidding Form Annex C**); and
- (h) Conformity with the Technical Specifications under Section VII by signing the bidder’s compliance column of the TOR/Technical Specification and submission of the following:
 - 1. production/delivery schedule;
 - 2. manpower requirements/organizational structure; and
 - 3. **Guarantee for after sale services for Services**; and
- (i) Original duly signed Omnibus Sworn Statement (OSS) (**Bidding Form Annex D**); and if applicable, Original Notarized Secretary’s Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

- (j) The Supplier's audited financial statements, showing, among others, the Supplier's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; and
- (k) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC); or a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

Class "B" Documents

- (l) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence; or **duly** notarized statements from 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.

II. FINANCIAL COMPONENT ENVELOPE

- (m) Original of duly signed and accomplished Financial Bid Form **(Bidding Form Annex E); and**
- (n) Original of duly signed and accomplished Price Schedule(s) **(Bidding Form Annex F).**

Other documentary requirements under RA No. 9184 (as applicable)

- (o) *[For foreign bidders claiming by reason of their country's extension of reciprocal rights to Filipinos]* Certification from the relevant government office of their country stating that Filipinos are allowed to participate in government procurement activities for the same item or product.
- (p) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

III. Post-Qualification Requirements:

1. In case only the PhilGEPS Registration Certificate (Platinum Membership) was submitted during the bid opening, submit the certified true copies of the following:
 - (a) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document;
 - (b) Mayor's or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas; and
 - (c) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).
2. Latest Income/Business Tax Returns;
3. Certificate of PhilGEPS Registration;
4. Pictures of its principal place of business;
5. In case of Goods, submit brochures/prototype/actual sample of the products being offered or in case of Services, concept paper/write-up or description of the services being offered; which must be submitted on the date indicated in the post-qualification letter, addressed to the end-user, and certifies that it is the bidder's official and final offer. Non-submission of this requirement may be a ground for disqualification.
6. In case of procurement for manpower services, proof of contribution/remittance for SSS, Philhealth and Pag-ibig for the last six (6) months from the opening of bid; and
7. Other appropriate licenses and permits required by law as stated in the bidding documents/post-qualification letter.

Bidding Forms

Mandatory Submission of Bidding Forms

ANNEX A

STATEMENT OF ONGOING, COMPLETED AND/OR AWARDED CONTRACTS

**The Bids and Awards Committee
Department of Energy
Energy Center, Rizal Drive, Bonifacio Global City
Taguig, Metro Manila**

Ongoing, completed or awarded but not yet started projects for the period: last two (2) years, where applicable.

Procuring Entity / Date of Contract	Kinds of Goods Sold and/or Services Offered	Amount of Contract and Value of Outstanding Contracts	Date of Delivery	End-user's Acceptance if Completed (date)	Specify whether a Prospective Bidder is a Manufacturer, Supplier, Distributor or Service Provider	Indicate whether "Similar" or "Not Similar"

Submitted By:

(Signature over Printed Name)

Note:

1. May be reproduced, if necessary
2. Please attach end-user's certificate of acceptance

ANNEX B

STATEMENT OF SINGLE LARGEST COMPLETED CONTRACT

The Bids and Awards Committee
Department of Energy
Energy Center, Rizal Drive, Bonifacio Global City
Taguig, Metro Manila

Single Largest Completed Contract (SLCC) for the period: last two (2) years, where applicable.

Procuring Entity / Date of Contract	Kinds of Goods Sold and/or Services Offered	Amount of Contract and Value of Outstanding Contracts	Date of Delivery	End-user's Acceptance if Completed (date)	Specify whether a Prospective Bidder is a Manufacturer, Supplier, Distributor or Service Provider	Indicate whether "Similar" or "Not Similar"

Submitted By:

(Signature over Printed Name)

Note:

1. May be reproduced, if necessary
2. Please attach end-user's certificate of acceptance

Annex C

Bid Securing Declaration Form
[shall be submitted with the Bid if bidder opts to provide this form of bid security]

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

BID SECURING DECLARATION
Project Identification No.: *[Insert number]*

To: *[Insert name and address of the Procuring Entity]*

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
 - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
 - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ____ day of *[month]* *[year]* at *[place of execution]*.

*[Insert NAME OF BIDDER OR ITS
AUTHORIZED REPRESENTATIVE]*
[Insert signatory's legal capacity]
Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

Annex D

Omnibus Sworn Statement *[shall be submitted with the Bid]*

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

AFFIDAVIT

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

1. *[Select one, delete the other:]*

[If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

[If a 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];

2. *[Select one, delete the other:]*

[If a 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 [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney

[If a 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 [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)];

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 as defined and provided for in the Uniform Guidelines on Blacklisting;

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 rest:]*

[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a partnership or cooperative:] None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;
[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and
8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a. Carefully examining all of the Bidding Documents;
 - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.
9. *[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.
10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.

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

*[Insert NAME OF BIDDER OR ITS
AUTHORIZED REPRESENTATIVE]
[Insert signatory's legal capacity]
Affiant*

[Jurat]
[Format shall be based on the latest Rules on Notarial Practice]

Annex E

Bid Form for the Procurement of Goods and Services
[shall be submitted with the Bid]

BID FORM

Date : _____

Project Identification No. : _____

To: *[name and address of Procuring Entity]*

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to *[supply/deliver/perform]* *[description of the Goods]* in conformity with the said PBDs for the sum of *[total Bid amount in words and figures]* or the total calculated bid price, as evaluated and corrected for computational errors, and other bid modifications in accordance with the Price Schedules attached herewith and made part of this Bid. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties]*, which are itemized herein or in the Price Schedules,

If our Bid is accepted, we undertake:

- a. to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements of the Philippine Bidding Documents (PBDs);
- b. to provide a performance security in the form, amounts, and within the times prescribed in the PBDs;
- c. to abide by the Bid Validity Period specified in the PBDs and it shall remain binding upon us at any time before the expiration of that period.

[Insert this paragraph if Foreign-Assisted Project with the Development Partner:]

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:
Name and address Amount and Purpose of Agent Currency/Commission or gratuity

(if none, state "None")]

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon us.

We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements pursuant to the PBDs.

The undersigned is authorized to submit the bid on behalf of *[name of the bidder]* as evidenced by the attached *[state the written authority]*.

We acknowledge that failure to sign each and every page of this Bid Form, including the attached Schedule of Prices, shall be a ground for the rejection of our bid.

Name: _____

Legal capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Date: _____

Annex F

Price Schedule for Goods Offered from Abroad *[shall be submitted with the Bid if bidder is offering goods from Abroad]*

For Goods Offered from Abroad

Name of Bidder _____ Project ID No. _____ Page ____ of ____

1	2	3	4	5	6	7	8	9
Item	Description	Country of origin	Quantity	Unit price CIF port of entry (specify port) or CIP named place (specify border point or place of destination)	Total CIF or CIP price per item (col. 4 x 5)	Unit Price Delivered Duty Unpaid (DDU)	Unit price Delivered Duty Paid (DDP)	Total Price delivered DDP (col 4 x 8)

Name: _____

Legal Capacity: _____

Signature _____

Duly authorized to sign the Bid for and behalf of: _____

Annex F

Price Schedule for Goods Offered from Within the Philippines
[shall be submitted with the Bid if bidder is offering goods from within the Philippines]

For Goods Offered from Within the Philippines

Name of Bidder _____ Project ID No. _____ Page ___ of ___

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price EXW per item	Transportation and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf _____

Contract Agreement Form for the Procurement of Goods (Revised)
[Not required to be submitted with the Bid, but it shall be submitted within ten (10) days after receiving the Notice of Award]

CONTRACT AGREEMENT

THIS AGREEMENT made the ____ day of _____ 20____ between [name of PROCURING ENTITY] of the Philippines (hereinafter called “the Entity”) of the one part and [name of Supplier] of [city and country of Supplier] (hereinafter called “the Supplier”) of the other part;

WHEREAS, the Entity invited Bids for certain goods and ancillary services, particularly [brief description of goods and services] and has accepted a Bid by the Supplier for the supply of those goods and services in the sum of *[contract price in words and figures in specified currency]* (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as integral part of this Agreement, viz.:
 - i. Philippine Bidding Documents (PBDs);
 - i. Schedule of Requirements;
 - ii. Technical Specifications;
 - iii. General and Special Conditions of Contract; and
 - iv. Supplemental or Bid Bulletins, if any
 - ii. Winning bidder’s bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

Bid form, including all the documents/statements contained in the Bidder’s bidding envelopes, as annexes, and all other documents submitted (e.g., Bidder’s response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity’s bid evaluation;
 - iii. Performance Security;
 - iv. Notice of Award of Contract; and the Bidder’s conforme thereto; and
 - v. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after

the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.

3. In consideration for the sum of *[total contract price in words and figures]* or such other sums as may be ascertained, *[Named of the bidder]* agrees to *[state the object of the contract]* in accordance with his/her/its Bid.
4. The *[Name of the procuring entity]* agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of the Republic of the Philippines on the day and year first above written.

[Insert Name and Signature]
[Insert Signatory's Legal Capacity]

for:
Department of Energy

[Insert Name and Signature]
[Insert Signatory's Legal Capacity]

for:
[Insert Name of Supplier]

Witness for DOE
[Position Title]

Witness for Supplier
[Position Title]

Helen C. Roldan
OIC – Chief, Accounting Division
Witness

Acknowledgment

[Format shall be based on the latest Rules on Notarial Practice]