# PHILIPPINE BIDDING DOCUMENTS

**DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS** 

PROCURING ENTITY: DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS, ANTIQUE DISTRICT ENGINEERING OFFICE, SAN JOSE, ANTIQUE

**BIDDING DOCUMENTS** 

**FOR** 

PROCUREMENT ID/CONTRACT ID: 24GGB004

**CONTRACT NAME: Procurement of Laboratory Equipment for use of Quality Assurance Section** 

**CONTRACT LOCATION: DPWH, San Jose, Antique** 

Start Date for Issuance of Bidding Documents: <u>June 6</u>, <u>2024</u>

Date of Opening of Bids: June 26, 2024

Sixth Edition July 2020

#### **Preface**

These Philippine Bidding Documents (PBDs) for the procurement of Goods through Competitive Bidding have been prepared by the Government of the Philippines for use by any branch, constitutional commission or office, agency, department, bureau, office, or instrumentality of the Government of the Philippines, National Government Agencies, including Government-Owned and/or Controlled Corporations, Government Financing Institutions, State Universities and Colleges, and Local Government Unit. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract or Framework Agreement, as the case may be; (ii) the eligibility requirements of Bidders; (iii) the expected contract or Framework Agreement duration, the estimated quantity in the case of procurement of goods, delivery schedule and/or time frame; and (iv) the obligations, duties, and/or functions of the winning bidder.

Care should be taken to check the relevance of the provisions of the PBDs against the requirements of the specific Goods to be procured. If duplication of a subject is inevitable in other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

Moreover, each section is prepared with notes intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They shall not be included in the final documents. The following general directions should be observed when using the documents:

- a. All the documents listed in the Table of Contents are normally required for the procurement of Goods. However, they should be adapted as necessary to the circumstances of the particular Procurement Project.
- b. Specific details, such as the "name of the Procuring Entity" and "address for bid submission," should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, Bid Data Sheet, General Conditions of Contract, Special Conditions of Contract, Schedule of Requirements, and

- Specifications are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow.
- d. The cover should be modified as required to identify the Bidding Documents as to the Procurement Project, Project Identification Number, and Procuring Entity, in addition to the date of issue.
- e. Modifications for specific Procurement Project details should be provided in the Special Conditions of Contract as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the Bid Data Sheet or Special Conditions of Contract, these terms shall be printed in bold typeface on Sections I (Instructions to Bidders) and III (General Conditions of Contract), respectively.
- f. For guidelines on the use of Bidding Forms and the procurement of Foreign-Assisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

### **Table of Contents**

Glossa	ry of Acronyms, Terms, and Abbreviations	4
Section	n I. Invitation to Bid	7
Section	n II. Instructions to Bidders	9
1.	Scope of Bid	11
2.	Funding Information	11
3.	Bidding Requirements	11
4.	Corrupt, Fraudulent, Collusive, and Coercive Practices	12
5.	Eligible Bidders	12
6.	Origin of Goods	13
7.	Subcontracts	13
8.	Pre-Bid Conference	14
9.	Clarification and Amendment of Bidding Documents	14
10.	Documents comprising the Bid: Eligibility and Technical Components	15
11.	Documents comprising the Bid: Financial Component	15
12.	Bid Prices	16
13.	Bid and Payment Currencies	17
14.	Bid Security	17
15.	Sealing and Marking of Bids	18
16.	Deadline for Submission of Bids	18
17.	Opening and Preliminary Examination of Bids	18
18.	Domestic Preference	19
19.	Detailed Evaluation and Comparison of Bids	19
20.	Post-Qualification	20
21.	Signing of the Contract	20
Section	n III. Bid Data Sheet	22
Section	n IV. General Conditions of Contract	24
1.	Scope of Contract	25
2.	Advance Payment and Terms of Payment	25
3.	Performance Security	25
4.	Inspection and Tests	26
5.	Warranty	26
6.	Liability of the Supplier	26
Section	n V. Special Conditions of Contract	27
	n VI. Schedule of Requirements	
	n VII. Technical Specifications	
	n VIII. Bidding Forms	
Section	n IX. Checklist of Technical and Financial Documents	51

## Glossary of Acronyms, Terms, and Abbreviations

**ABC** – Approved Budget for the Contract.

**BAC** – Bids and Awards Committee.

**Bid** – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*. (2016 revised IRR, Section 5[c])

**Bidder** – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

**Bidding Documents** — The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

**BIR** – Bureau of Internal Revenue.

**BSP** – Bangko Sentral ng Pilipinas.

**Consulting Services** – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

**CDA** - Cooperative Development Authority.

**Contract** – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

**CIF** – Cost Insurance and Freight.

**CIP** – Carriage and Insurance Paid.

**CPI** – Consumer Price Index.

**DDP** – Refers to the quoted price of the Goods, which means "delivered duty paid."

**DTI** – Department of Trade and Industry.

**EXW** – Ex works.

**FCA** – "Free Carrier" shipping point.

**FOB** – "Free on Board" shipping point.

**Foreign-funded Procurement or Foreign-Assisted Project**— Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

**Framework Agreement** – Refers to a written agreement between a procuring entity and a supplier or service provider that identifies the terms and conditions, under which specific purchases, otherwise known as "Call-Offs," are made for the duration of the agreement. It is in the nature of an option contract between the procuring entity and the bidder(s) granting the procuring entity the option to either place an order for any of the goods or services identified in the Framework Agreement List or not buy at all, within a minimum period of one (1) year to a maximum period of three (3) years. (GPPB Resolution No. 27-2019)

**GFI** – Government Financial Institution.

**GOCC** – Government-owned and/or –controlled corporation.

**Goods** – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term "related" or "analogous services" shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

**GOP** – Government of the Philippines.

**GPPB** – Government Procurement Policy Board.

**INCOTERMS** – International Commercial Terms.

**Infrastructure Projects** – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

**LGUs** – Local Government Units.

**NFCC** – Net Financial Contracting Capacity.

**NGA** – National Government Agency.

**PhilGEPS -** Philippine Government Electronic Procurement System.

**Procurement Project** – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

**PSA** – Philippine Statistics Authority.

**SEC** – Securities and Exchange Commission.

**SLCC** – Single Largest Completed Contract.

**Supplier** – refers to a citizen, or any corporate body or commercial company duly organized and registered under the laws where it is established, habitually established in business and engaged in the manufacture or sale of the merchandise or performance of the general services covered by his bid. (Item 3.8 of GPPB Resolution No. 13-2019, dated 23 May 2019). Supplier as used in these Bidding Documents may likewise refer to a distributor, manufacturer, contractor, or consultant.

**UN** - United Nations.

### Section I. Invitation to Bid

#### Notes on the Invitation to Bid

The Invitation to Bid (IB) provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The IB shall be posted in accordance with Section 21.2 of the 2016 revised IRR of RA No. 9184.

Apart from the essential items listed in the Bidding Documents, the IB should also indicate the following:

- a. The date of availability of the Bidding Documents, which shall be from the time the IB is first advertised/posted until the deadline for the submission and receipt of bids;
- b. The place where the Bidding Documents may be acquired or the website where it may be downloaded;
- c. The deadline for the submission and receipt of bids; and
- d. Any important bid evaluation criteria (*e.g.*, the application of a margin of preference in bid evaluation).

The IB should be incorporated in the Bidding Documents. The information contained in the IB must conform to the Bidding Documents and in particular to the relevant information in the Bid Data Sheet.



## Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS ANTIQUE DISTRICT ENGINEERING OFFICE

San Jose, Antique

#### **INVITATION TO BID FOR**

Contract ID No.: 24GGB004
Contract Name: Procurement of Laboratory Equipment for use of Quality
Assurance Section, DPWH, San Jose, Antique

- The Department of Public Works and Highways, Antique District Engineering Office, San Jose, Antique, through the EAO Share intends to apply the sum of Php 2,423,500.00 being the ABC to payments under the contract for Contract ID No.: 24GGB004 Procurement of Laboratory Equipment for use of Quality Assurance Section, DPWH, San Jose, Antique. Bids received in excess of the ABC shall be automatically rejected at bid opening.
- 2. The **Department of Public Works and Highways, Antique District Engineering Office, San Jose, Antique** now invites bids for the above Procurement Project. Delivery of the Goods is required by **60 CD**. Bidders should have completed, within *three (3) 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.
    - a. Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.
  - 4. Prospective Bidders may obtain further information from **Department of Public Works** and **Highways, Antique District Engineering Office, San Jose, Antique** and inspect the Bidding Documents at the address given below during **8:00 am to 5:00 P.M**.
  - 5. A complete set of Bidding Documents may be acquired by interested Bidders on **June 6**, **2024 until before 10:00 A.M. of June 26**, **2024** from the given address *and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of Five Thousand Pesos Only (Php 5,000.00). The Procuring Entity shall allow the bidder to present its proof of payment for the fees <i>by facsimile, or through electronic means*.
  - 6. The Department of Public Works and Highways, Antique District Engineering Office, San Jose, Antique will hold a Pre-Bid Conference on June 14, 2024 @ 10:00 A.M. at Bidding Room, Ground Floor Maintenance Building, DPWH-Antique District Engineering Office, San Jose, Antique which shall be open to prospective bidders.

- 7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below on or before **10:00 A.M.** of **June 26, 2024**. Late bids shall not be accepted.
- 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 **June 26, 2024 immediately after the deadline of the submission of bids** at *Bidding Room, Ground Floor Maintenance Building, DPWH-Antique District Engineering Office, San Jose, Antique*. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
- 10. The **Department of Public Works and Highways, Antique District Engineering Office, San Jose, Antique** 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.
- 11. For further information, please refer to:

#### THELMA A. ESCANILLAS

BAC Secretariat Head DPWH, Antique District Engineering Office San Jose, Antique

Tel. No.: (036)-540-98-79

Email: bactwgantique@yahoo.com

12. You may visit the following websites:

For downloading of Bidding Documents: https://www.dpwh.gov.ph and Philgeps

Date of issue: June 6, 2024

DAN D. MOSQUERA BAC Chairperson

Noted:

OIC - District Engineer

### Section II. Instructions to Bidders

#### **Notes on the Instructions to Bidders**

This Section on the Instruction to Bidders (ITB) provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and on the award of contract.

#### 1. Scope of Bid

The Procuring Entity, [indicate name] wishes to receive Bids for the [insert Procurement Project] [insert, if applicable:] under a Framework Agreement, with identification number [indicate number].

[Note: The Project Identification Number is assigned by the Procuring Entity based on its own coding scheme and is not the same as the PhilGEPS reference number, which is generated after the posting of the bid opportunity on the PhilGEPS website.]

The Procurement Project (referred to herein as "Project") is composed of [indicate number of lots or items], the details of which are described in Section VII (Technical Specifications).

#### 2. Funding Information

- 2.1. The GOP through the source of funding as indicated below for *[indicate funding year]* in the amount of *[indicate amount]*.
- 2.2. The source of funding is:

[If an early procurement activity, select one and delete others:]

- a. NGA, the National Expenditure Program.
- b. GOCC and GFIs, the proposed Corporate Operating Budget.
- c. LGUs, the proposed Local Expenditure Program.

[If not an early procurement activity, select one and delete others:]

- a. NGA, the General Appropriations Act or Special Appropriations.
- b. GOCC and GFIs, the Corporate Operating Budget.
- c. LGUs, the Annual or Supplemental Budget, as approved by the Sanggunian.

#### 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. [Select one, delete other/s]
  - a. Foreign ownership exceeding those allowed under the rules may participate pursuant to:
    - When a Treaty or International or Executive Agreement as provided in Section 4 of the RA No. 9184 and its 2016 revised IRR allow foreign bidders to participate;
    - ii. Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
    - iii. When the Goods sought to be procured are not available from local suppliers; or
    - iv. When there is a need to prevent situations that defeat competition or restrain trade.
  - b. 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:

#### [Select one, delete the other/s]

- a. For the procurement of Non-expendable Supplies and Services: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.
- b. For the procurement of Expendable Supplies: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least twenty-five percent (25%) of the ABC.
- c. For procurement where the Procuring Entity has determined, after the conduct of market research, that imposition of either (a) or (b) will likely result to failure of bidding or monopoly that will defeat the purpose of public bidding: the Bidder should comply with the following requirements: [Select either failure or monopoly of bidding based on market research conducted]
  - i. Completed at least two (2) similar contracts, the aggregate amount of which should be equivalent to at least *fifty* percent (50%) in the case of non-expendable supplies and services or twenty-five percent (25%) in the case of expendable supplies of the ABC for this Project; and
  - ii. The largest of these similar contracts must be equivalent to at least half of the percentage of the ABC as required above.
- 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 Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.

The Procuring Entity has prescribed that:

[Select one, delete other/s]

- a. Subcontracting is allowed. The portions of Project and the maximum percentage allowed to be subcontracted are indicated in the **BDS**, which shall not exceed twenty percent (20%) of the contracted Goods.
- b. Subcontracting is not allowed.
- 7.2. [If Procuring Entity has determined that subcontracting is allowed during the bidding, state:] The Bidder must submit together with its Bid the documentary requirements of the subcontractor(s) complying with the eligibility criteria stated in **ITB** Clause 5 in accordance with Section 23.4 of the 2016 revised IRR of RA No. 9184 pursuant to Section 23.1 thereof.
- 7.3. [If subcontracting is allowed during the contract implementation stage, state:] The Supplier may identify its subcontractor during the contract implementation stage. Subcontractors identified during the bidding may be changed during the implementation of this Contract. Subcontractors must submit the documentary requirements under Section 23.1 of the 2016 revised IRR of RA No. 9184 and comply with the eligibility criteria specified in **ITB** Clause 5 to the implementing or end-user unit.
- 7.4. Subcontracting of any portion of the Project does not relieve the Supplier of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Supplier's own acts, defaults, or negligence, or those of its agents, servants, or workmen.

#### 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 {[insert if applicable] and/or through videoconferencing/webcasting} 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 *[state relevant period as provided in paragraph 2 of the IB*/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.
- 11.5. [Include if Framework Agreement will be used:] Financial proposals for single or multi-year Framework Agreement shall be submitted before the deadline of submission of bids as prescribed in the **IB**. For

multi-year Framework Agreement, evaluation of the financial proposal during this stage is for purposes of determining eligibility and whether or not such financial proposal is within the ABC.

#### 12. Bid Prices

- 12.1. Prices indicated on the Price Schedule 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).**
- 12.2. [Include if Framework Agreement will be used:] For Framework Agreement, the following should also apply in addition to Clause 12.1:
  - a. For a single year Framework Agreement, the prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation or escalation on any account. Price schedules required under Clause 12.1 shall be submitted with the bidding documents.
  - b. For a multi-year Framework Agreement, the prices quoted by the Bidder during submission of eligibility documents shall be the

ceiling and the price quoted during mini-competition must not exceed the initial price offer. The price quoted during call for mini-competition shall be fixed during the Bidder's performance of that Call-off and not subject to variation or escalation on any account. Price schedules required under Clause 12.1 shall be submitted with the bidding documents.

#### 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:

[Select one, delete the other/s]

- a. Philippine Pesos.
- b. [indicate currency if procurement involves a foreign-denominated bid as allowed by the Procuring Entity, which shall be tradeable or acceptable by the BSP].

#### 14. Bid Security

1/1 The Rid

- 14.1. The Bidder shall submit a Bid Securing Declaration<sup>1</sup> 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 *[indicate date]*. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.
- 14.3. [Include if Framework Agreement will be used:] In the case of Framework Agreement, other than the grounds for forfeiture under the 2016 revised IRR, the bid security may also be forfeited if the successful bidder fails to sign the Framework Agreement, or fails to furnish the performance security or performance securing declaration. Without prejudice on its forfeiture, bid securities shall be returned only after the posting of performance security or performance securing

<sup>&</sup>lt;sup>1</sup> In the case of Framework Agreement, the undertaking shall refer to entering into contract with the Procuring Entity and furnishing of the performance security or the performance securing declaration within ten (10) calendar days from receipt of Notice to Execute Framework Agreement.

declaration, as the case may be, by the winning Bidder or compliant Bidders and the signing of the Framework Agreement.

#### 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.**
- 16.2. [Include if Framework Agreement will be used:] For multi-year Framework Agreement, the submission of bids shall be for the initial evaluation of their technical and financial eligibility. Thereafter, those declared eligible during the said initial eligibility evaluation and entered into a Framework Agreement with the Procuring Entity shall submit anew their best financial offer at the address and on or before the date and time indicated in the Call for each mini-competition.

#### 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.
- 18.2. [Include if Framework Agreement will be used:] For multi-year Framework Agreement, determination of margin of preference shall be conducted every call for Mini-Competition.

#### 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.

[Include the following options if Framework Agreement will be used:]

- In the case of single-year Framework Agreement, the Lowest Calculated Bid shall be determined outright after the detailed evaluation;
- b. For multi-year Framework Agreement, the determination of the eligibility and the compliance of bidders with the technical and financial aspects of the projects shall be initially made by the BAC, in accordance with Item 7.4.2 of the Guidelines on the Use of Framework Agreement.
- 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 15 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 follows:

[Select one, delete the other/s]

Option 1 – One Project having several items that shall be awarded as one contract.

Option 2 – One Project having several items grouped into several lots, which shall be awarded as separate contracts per lot.

Option 3 - One Project having several items, which shall be awarded as separate contracts per item.

[Delete Options 2 and 3 if Framework Agreement will be used.]

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

- 20.1. [Include if Framework Agreement will be used:] For multi-year Framework Agreement, all bidders initially determined to be eligible and financially compliant shall be subject to initial post-qualification. The BAC shall then recommend the execution of a Framework Agreement among all eligible, technically and financially compliant bidders and the Procuring Entity and shall be issued by HoPE a Notice to Execute Framework Agreement. The determination of the Lowest Calculated Bid (LCB) shall not be performed by the BAC until a Mini-Competition is conducted among the bidders who executed a Framework Agreement. When a Call for Mini-Competition is made, the BAC shall allow the bidders to submit their best financial proposals on such pre-scheduled date, time and place to determine the bidder with the LCB.
- 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, {[Include if Framework Agreement will be used:] or in the case of multi-year Framework Agreement, that it is one of the eligible bidders who have submitted bids that are found to be technically and financially compliant,}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. {[Include if Framework Agreement will be used:] For every mini-competition in Framework Agreement, the LCB shall likewise submit the required documents for final Post Qualification.}

#### 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**.

[Include the following clauses if Framework Agreement will be used:]

- 21.2. At the same time as the Procuring Entity notifies the successful Bidder that its bid has been accepted, the Procuring Entity shall send the Framework Agreement Form to the Bidder, which contract has been provided in the Bidding Documents, incorporating therein all agreements between the parties.
- 21.3. Within ten (10) calendar days from receipt of the Notice to Execute Framework Agreement with the Procuring Entity, the successful Bidder or its duly authorized representative shall formally enter into a Framework Agreement with the procuring entity for an amount of One Peso to be paid to the procuring entity as a consideration for the option granted by the procuring entity to procure the items in the Framework Agreement List when the need arises.
- 21.4. The Procuring Entity shall enter into a Framework Agreement with the successful Bidder within the same ten (10) calendar day period provided that all the documentary requirements are complied with.
- 21.5. The following documents shall form part of the Framework Agreement:
  - a. Framework Agreement Form;
  - b. Bidding Documents;
  - c. Call-offs:
  - d. Winning bidder's bid, including the Technical and Financial Proposals, and all other documents/statements 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:
  - e. Performance Security or Performance Securing Declaration, as the case may be;
  - f. Notice to Execute Framework Agreement; and
  - g. Other contract documents that may be required by existing laws and/or specified in the **BDS**.

### Section III. Bid Data Sheet

#### **Notes on the Bid Data Sheet**

The Bid Data Sheet (BDS) consists of provisions that supplement, amend, or specify in detail, information, or requirements included in the ITB found in Section II, which are specific to each procurement.

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB and has to be prepared for each specific procurement.

The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, and the bid evaluation criteria that will apply to the Bids. In preparing the BDS, the following aspects should be checked:

- a. Information that specifies and complements provisions of the ITB must be incorporated.
- b. Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.

### **Bid Data Sheet**

ITB					
Clause					
1.0	The Procuring Entity, Department of Public Works and Highways Antique District Engineering Office, San Jose, Antique invites Bids for the 24GGB004 - Procurement of Laboratory Equipment for use of Quality Assurance Section, DPWH, San Jose, Antique  The scope of the Works under this Contract is Procurement of Laboratory Equipment w/ calibration certificate upon delivery and training of technical personnel.				
2.1	The GOP through the source of funding for <b>EAO Share</b> in the amount of <b>Php 2,423,500.00</b> (ABC).				
2.2	The source of funding is:  a. NGA, the General Appropriation Act or Special Appropriation.				
5.2	None of the circumstances mentioned in the <b>ITB</b> Clause exists in this Project. Foreign bidders, except those falling under <b>ITB</b> Clause 5.2(b), may not participate in this Project.				
5.3	For this purpose, contracts similar to the Project shall be:				
	a. Procurement of Laboratory Equipment				
	b. Completed within three (3) years prior to the deadline for the submission and receipt of bids.				
7.1	Subcontracting is not allowed.				
8.1	The Procuring Entity will hold a <b>Pre-Bid Conference</b> for this Project is on <b>June 14</b> , <b>2024</b> @ <b>10:00</b> A.M. at Bidding Room, Ground Floor Maintenance Building, DPWH-Antique District Engineering Office, San Jose, Antique				
13.2	Philippine Pesos.				
14.1	The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:  a. The amount of not less than 2% of ABC if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or  b. The amount of not less than 5% of ABC if bid security is in Surety Bond.				
19.4	Option 1 – One Project having several items that shall be awarded as one contract.				

## Section IV. General Conditions of Contract

#### **Notes on the General Conditions of Contract**

The General Conditions of Contract (GCC) in this Section, read in conjunction with the Special Conditions of Contract in Section V and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

Matters governing performance of the Supplier, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are included in the GCC and Special Conditions of Contract.

Any complementary information, which may be needed, shall be introduced only through the Special 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**.

[Include the following clauses if Framework Agreement will be used:]

- 2.3. For a single-year Framework Agreement, prices charged by the Supplier for Goods delivered and/or services performed under a Call-Off shall not vary from the prices quoted by the Supplier in its bid.
- 2.4. For multi-year Framework Agreement, prices charged by the Supplier for Goods delivered and/or services performed under a Call-Off shall not vary from the prices quoted by the Supplier during conduct of Mini-Competition.

#### 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. *[Include if Framework Agreement will be used:] In the case of* Framework Agreement, the Bidder may opt to furnish the performance security or a Performance Securing Declaration as defined under the Guidelines on the Use of Framework Agreement. *}* 

#### 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 {[Include if Framework Agreement will be used:] or Framework Agreement} 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

- 6.1. 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.
- 6.2. 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

#### **Notes on the Special Conditions of Contract**

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC found in Section IV.

The Special Conditions of Contract (SCC) complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Goods purchased. In preparing this Section, the following aspects should be checked:

- a. Information that complements provisions of the GCC must be incorporated.
- b. Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of the GCC should be incorporated herein.

## **Special Conditions of Contract**

GCC Clause	Special Conditions of Contract
1	[List here any additional requirements for the completion of this Contract. The following requirements and the corresponding provisions may be deleted, amended, or retained depending on its applicability to this Contract:]
	Delivery and Documents –
	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:
	[For Goods supplied from abroad, state:] "The delivery terms applicable to the Contract are DDP delivered [indicate place of destination]. Ir accordance with INCOTERMS."
	[For Goods supplied from within the Philippines, state:] "The delivery terms applicable to this Contract are delivered [indicate place of destination]. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination."
	Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).
	For purposes of this Clause the Procuring Entity's Representative at the Project Site is <i>[indicate name(s)]</i> .
	Incidental Services –
	The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:  Select appropriate requirements and delete the rest.
	<ul> <li>a. performance or supervision of on-site assembly and/or start-up of the supplied Goods;</li> <li>b. furnishing of tools required for assembly and/or maintenance of the supplied Goods;</li> </ul>
	<ul> <li>furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;</li> </ul>

- d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
- e. training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.
- f. [Specify additional incidental service requirements, as needed.]

The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

#### Spare Parts -

The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

Select appropriate requirements and delete the rest.

- a. such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and
- b. in the event of termination of production of the spare parts:
  - i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and
  - ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.

The spare parts and other components required are listed in **Section VI** (**Schedule of Requirements**) and the cost thereof are included in the contract price.

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of [indicate here the time period specified. If not used indicate a time period of three times the warranty period].

Spare parts or components shall be supplied as promptly as possible, but in any case, within [insert appropriate time period] months of placing the order.

#### Packaging -

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 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.

The outer packaging must be clearly marked on at least four (4) sides as follows:

Name of the Procuring Entity
Name of the Supplier
Contract Description
Final Destination
Gross weight
Any special lifting instructions
Any special handling instructions
Any relevant HAZCHEM classifications

A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.

#### 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 [If partial payment is allowed, state] "The terms of payment shall be as follows: ." Performance Security 3 4 The inspections and tests that will be conducted is: No Test Requirement 5 Warranty

## Section VI. Schedule of Requirements

Contract ID No.: 24GGB004

**Contract Name: : Procurement of Laboratory Equipment for use of Quality** 

**Assurance Section, DPWH, San Jose, Antique** 

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

Item Numb er	Description	Quantity	Unit	Total	Delivered, Days, Weeks/Months
	DISTILLATION OF CUT BACK ASPHALT, ASTM D402, AASHTO T78 > Apparatus for distillation of cut-back asphalt. Conforming to ASTM D402, AASHTO T78				
1	Consist of:  > Disttillation Flask  > Condenser  > Adapter  > Shield  > Shield and flask support  > Electric heater with thermoregulatory  > Cylinder reciever  > Thermometer, ASTM 8 C,  -2+400°C, subdivision 10C  > Graduated cylinder	1	set		
	Accessories: > Crow receiver 100ml cap.				
2	FLASH POINT (CUTBACK ASPHALT),  > Tag open cup flash point tester, conforming to ASTM D1310, ASTM D3143,AASHTO T79 Consist of:  > eletric furnace with electronic controller of heating power, flame rotating ignition device, glass up, insulation cup, support and clamp for thermometer, gauge, stainless steel frame, double line fuse	1	set		

	A			1	
	Accessories:				
	> Thermometer, ASTM 33C, range				
	-38 +42°C (included)				
	> Thermometer, ASTM 9C, range -				
	5 +110°C (included)				
	> Thermometer, ASTM 35C, range				
	+90 +170°C (included)				
	PENETRATION TEST (Asphalt				
	Cement) AASHTO T49, ASTM D5				
	> used to determine the				
	penetration of semi-solid and solid				
	bituminous materials.				
	bituminous materials.				
	> digital electronic semi-automatic				
	penetrometer with automatic				
	controller complete with				
	micrometer vertical adjustment				
	and adjustable electronic timer of				
	the fall time, according to ASTM				
	D5, AASHTO T49				
	Technical Specifications:				
	> Penetrometer has 0.01mm				
	precision digital penetration				
	measurement gauge, release				
	button and automatic zeroing				
	function.				
	> Compatible with thermostatically	_	_		
3	controlled water with cooling unit	1	set		
	sytem with temperature range				
	from +15 to 30° + 0.1° accuracy				
	Accessories:				
	> Penetrometer needle, 2.50 ± 0.05g Pack of 3				
	> Sample cup for penetration				
	below 40mm, 55mm dia x 35mm				
	height, pack of 6.81				
	> Sample cup , 70mm dia x 45mm				
	height, pack of 6.81				
	> Glass transfer dish with support,				
	10mm height				
	> Mirror with articulated holder for				
	easy surface contact between				
	needle and sample.				
	> Water chiller, 7.51 capacity,				
	with electronic temperature				
	controller with ± 0.1°C accuracy				
	and fluid temperature range				
	between 5 and 30°C. Suitable for				
	chilling penetrometer controlled				

	and the angles of		1	1	ı
1	setting time set.				
1	> Thermometer, +19 to 27°C				
	range 0.1C graduations, ASTM 17C				
	> Thermometer, -8 to 32°C range,				
	0.1C graduations, ASTM C 63				
	SPOT TEST, AASHTO T102				
	> The spot test is used to				
	determine whether or not an				
	asphalt cement has been damaged				
	, .				
	during processing due to				
	overheating				
	Consist of:				
4	> Florence Flask 25mL	1	set		
'	> Fliter Paper (Whatman No. 50)	_	300		
	70mm				
	> Bowl Mixing Aluminum, Local				
	> Cork Stopper for Florence flask				
1	> Pipette 0.1mL graduation, 10mL				
	capacity				
	> Xylene, 1L				
1	> Digital Balance, 0.1g.				
	WATER CONTENT (Emulsified				
	Asphalt), ASTM D244				
	> Used for determining the water				
	content of bituminous and				
	petroleum materials by distillation				
	with a water immiscible, volatile				
	solvent				
5	> Water in bituminous materials	1	set		
	test set				
	The set comprises:				
	> 10mL glass still				
	> Glass receiver				
1	> Glass condenser				
1	> Electric heater with				
1	thermoregulatory				
	WEIGHT PER GALLON OF				
1	EMULSIFIED ASPHALT, ASTM				
6	D244	1	set		
"	> Weight per gallon cup-83.20ml -	1	361		
	stainless steel measure				
	SOFTENING POINT, AASHTO				
	T53, ASTM D36				
1	> Ring and ball apparatus ASTM				
1	D36				
	> The apparatus comprises the				
7	following parts: Two Brass Rings,	1	set		
1	9.50mm Diameter Steel Balls, Two				
1	ball centering guides, glass vessel,				
1	Ring Holder/Assembly Glass				
1	Thermometer -2 -8°0C range				
	graduations ASTM 15C				
L	J. 5. 5. 6. 6. 6. 7. 6. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		L	I.	J

8	Accessories included:  > Hot plate with magnetic stirrer, conforming either to ASTM or EN 1427 Standards which require the water stirring for more temperature uniformity  ASPHALT OVEN WITH ROTATING SHELF, Standards: ASTM D6, D1754/AASHTO T47, T179  > Thin Film and Loss on Heating Determination. TFOT METHOD  > Internal chamber and external frame all made from stainless Steel, double wall insulation with fiberglass, double door. Temperature control by digital thermoregulator. The oven is equipped of a dual saftey thermostat to prevent accident over-heatings. The plate rotates at 5-6 rpm. Supplied complete with thermometer ASTM 13C, +155 TO +170°C subd 0.5°C.  > The oven shall be provided with a single metal circular shelf having a minimum diameter of 250 mm [9.8 in.] and a maximum diameter of 450 mm [18 in.].	1	set	
	Consist of:  > Containers (9pcs) - ASTM D6/AASHTO T47 The container in which the sample is to be tested shall be of metal or glass, cylindrical in shape, and shall have a flat bottom. Its inside dimensions shall be substantially as follows: diameter, 55 mm [2.17 in.], depth, 35 mm [1.38 in.].			
9	Bi-metal stainless stem thermometer > 7 inch > 0-250'C >with calibration	2	pcs.	
10	DRILLING ACCESSORIES FOR SPT NW Casing > 1.50m > Shall be compliant with ASTM D 2113 and DCDMA or its equivalent;	10	pcs.	

	> Shall be able to accommodate a			
	depth of at least 60 meters or its			
	equivalent or better			
	IMP Casing Shoe Bit			
11	> Casing can be equipped with diamond casing shoes that allow the casing to be advanced with rotary drilling. The casing shoe should have the same inside diameter as the casing. Casing "shoes" should not be confused with casing "bits" (10). Casing bits are only acceptable for temporary, rotary installation of casing where coring operations are not required, such as temporary installation of a large diameter telescoped casing. Casing "bits" have an inside diameter that is not large enough to pass a core barrel of the same nominal hole size.	2	pcs.	
12	Water Swivel  > directs the drilling fluid to the rotating kelly or drill-rod column  > Necessary accessories needed to conduct subsurface exploration works.	1	pc.	
13	SPT Spoon  > Shall be compliant with ASTM D 1586  > The sampler should be made from strong material such as hardened steel and must be equipped with a ball check and vent or its equivalent or better.	1	pc.	
14	Impregnated Diamond Bit  > n—a drill bit that cuts cylindrical rock samples and consists of one of the following: a drill bit with surface set of diamonds or impregnated diamonds in a tungsten carbide mix of hardened steel, polycrystalline bit, or tungsten carbide (TC) inserts mounted on a cylindrical bit that cuts out cylindrical rock samples.	2	pcs.	
15	Casing Head Assembly > with Head Adapter AW Box to NQ Pin	1	pc.	

<ul> <li>Necessary accessories needed to conduct subsurface exploration works.</li> </ul>		
X-X-X-X-X-X-X-X-X-X-X-X-X-X		

## BILL OF QUANTITIES WITH UNIT BID PRICES AND TOTAL BID PRICES

Date of Bid Opening: June 26, 2024

1	2	3	4	5	6	7
Item No.	Description	Unit	Quantity	Unit Bid Price(Peso)	Total Bid	Delivery Schedule
	DISTILLATION OF CUT BACK ASPHALT, ASTM D402, AASHTO T78 > Apparatus for distillation of cut- back asphalt. Conforming to ASTM D402, AASHTO T78 Consist of:				Price(Peso) <sup>2</sup>	
1	<ul> <li>Disttillation Flask</li> <li>Condenser</li> <li>Adapter</li> <li>Shield</li> <li>Shield and flask support</li> <li>Electric heater with thermoregulatory</li> <li>Cylinder reciever</li> <li>Thermometer, ASTM</li> <li>C, -2+400°C, subdivision 10C</li> <li>Graduated cylinder</li> </ul>	set	1			
	Accessories: > Crow receiver 100ml cap.					
2	FLASH POINT (CUTBACK ASPHALT), > Tag open cup flash point tester, conforming to ASTM D1310, ASTM D3143,AASHTO T79 Consist of: > eletric furnace with electronic controller of heating power, flame rotating ignition device,	set	1			

Bidders are required to include the cost of all taxes, such as, but not limited to: value added tax (VAT), income tax, local taxes, customs duties, freight, insurance, bank charges and other fiscal levies and duties. These shall be itemized in the bid form and reflected in the detailed estimates.

	T		ı	I	T	
	glass up, insulation					
	cup, support and clamp					
	for thermometer,					
	gauge, stainless steel					
	frame, double line fuse					
	Traine, double line ruse					
	Accessories:					
	> Thermometer, ASTM					
	33C, range -38 +42°C					
	(included)					
	> Thermometer, ASTM					
	9C, range -5 +110°C					
	(included)					
	> Thermometer, ASTM					
	35C, range +90					
	+170°C (included)					
	PENETRATION TEST					
	(Asphalt Cement)					
	AASHTO T49, ASTM					
	D5					
	> used to determine					
	the penetration of					
	semi-solid and solid					
	bituminous materials.					
	> digital electronic					
	semi-automatic					
	penetrometer with					
	automatic controller					
	complete with					
	micrometer vertical					
	adjustment and					
	adjustable electronic					
	timer of the fall time,					
3	according to ASTM D5,	set	1			
	AASHTO T49	300	_			
	Technical					
	Specifications:					
	> Penetrometer has					
	0.01mm precision					
	digital penetration					
	measurement gauge,					
	release button and					
	automatic zeroing					
	function.					
	> Compatible with					
	thermostatically					
	controlled water with					
	cooling unit sytem with					
	temperature range					
	from +15 to 30° + 0.1°					
	accuracy					
			•	•		

	1		I		<del>                                     </del>
	Accessories:				
	> Penetrometer needle,				
	$2.50 \pm 0.05$ g Pack of 3				
	> Sample cup for				
	penetration below				
	40mm, 55mm dia x				
	35mm height, pack of				
	6.81				
	> Sample cup , 70mm				
	dia x 45mm height,				
	pack of 6.81				
	> Glass transfer dish				
	with support, 10mm				
	height				
	> Mirror with				
	articulated holder for				
	easy surface contact				
	between needle and				
	sample.				
	> Water chiller, 7.51				
	capacity, with electronic				
	temperature controller				
	with ± 0.1°C accuracy				
	and fluid temperature				
	range between 5 and				
	30°C. Suitable for				
	chilling penetrometer				
	controlled setting time				
	set.				
	> Thermometer, +19				
	to 27°C range 0.1C				
	graduations, ASTM 17C				
	> Thermometer, -8 to				
	32°C range, 0.1C				
	graduations, ASTM C				
	63				
	SPOT TEST, AASHTO				
	T102				
	> The spot test is used				
	to determine whether				
	or not an asphalt				
	cement has been				
	damaged during				
	processing due to				
4	overheating	set	1		
	Consist of:				
	> Florence Flask 25mL				
	> Fliter Paper				
	(Whatman No. 50)				
	70mm				
	> Bowl Mixing				
	Aluminum, Local				

	> Cork Stopper for Florence flask > Pipette 0.1mL graduation, 10mL capacity > Xylene, 1L > Digital Balance, 0.1g.				
5	WATER CONTENT (Emulsified Asphalt), ASTM D244 > Used for determining the water content of bituminous and petroleum materials by distillation with a water immiscible, volatile solvent > Water in bituminous materials test set	set	1		
	The set comprises: > 10mL glass still > Glass receiver > Glass condenser > Electric heater with thermoregulatory				
6	WEIGHT PER GALLON OF EMULSIFIED ASPHALT, ASTM D244 > Weight per gallon cup-83.20ml - stainless steel measure	set	1		
7	SOFTENING POINT, AASHTO T53, ASTM D36  > Ring and ball apparatus ASTM D36  > The apparatus comprises the following parts: Two Brass Rings, 9.50mm Diameter Steel Balls, Two ball centering guides, glass vessel, Ring Holder/Assembly Glass Thermometer -2 -80°C range graduations ASTM 15C	set	1		

	T T		I	T	Т	1
	Accessories					
	included:					
	> Hot plate with					
	magnetic stirrer,					
	conforming either to					
	ASTM or EN 1427					
	Standards which					
	require the water					
	stirring for more					
	temperature uniformity					
	ASPHALT OVEN					
	WITH ROTATING					
	SHELF, Standards:					
	ASTM D6,					
	D1754/AASHTO T47,					
	T179					
	>Thin Film and Loss on					
	Heating Determination.					
	TFOT METHOD					
	> Internal chamber and					
	external frame all made					
	from stainless Steel,					
	double wall insulation					
	with fiberglass, double					
	door. Temperature					
	control by digital					
	thermoregulator. The					
	_					
	oven is equipped of a					
	dual saftey thermostat					
	to prevent accident					
8	over-heatings. The	set	1			
	plate rotates at 5-6					
	rpm. Supplied					
	complete with					
	thermometer ASTM					
	13C, +155 TO +170°C					
	subd 0.5°C.					
	> The oven shall be					
	provided with a single					
	metal circular shelf					
	having a minimum					
	diameter of 250 mm					
	[9.8 in.] and a					
	maximum diameter of					
	450 mm [18 in.].					
	Consist of:					
	> Containers (9pcs) -					
	ASTM D6/AASHTO T47					
	The container in which					
	the sample is to be					
	<u>-</u>					
<u></u>	tested shall be of metal					

		1	1		,
	or glass, cylindrical in shape, and shall have a flat bottom. Its inside dimensions shall be substantially as follows: diameter, 55 mm [2.17 in.], depth, 35 mm				
	[1.38 in.].				
9	Bi-metal stainless stem thermometer > 7 inch > 0-250'C >with calibration	pcs.	2		
10	DRILLING ACCESSORIES FOR SPT NW Casing > 1.50m > Shall be compliant with ASTM D 2113 and DCDMA or its equivalent; > Shall be able to accommodate a depth of at least 60 meters or its equivalent or better	pcs.	10		
11	IMP Casing Shoe Bit  > Casing can be equipped with diamond casing shoes that allow the casing to be advanced with rotary drilling. The casing shoe should have the same inside diameter as the casing. Casing "shoes" should not be confused with casing "bits" (10). Casing bits are only acceptable for temporary, rotary installation of casing where coring operations are not required, such as temporary installation of a large diameter telescoped casing. Casing "bits" have an inside diameter that is not large enough to pass a core barrel of the same nominal hole	pcs.	2		

	size.							
12	Water Swivel > directs the drilling fluid to the rotating kelly or drill-rod column > Necessary accessories needed to conduct subsurface exploration works.	pc.	1					
13	SPT Spoon  > Shall be compliant with ASTM D 1586  > The sampler should be made from strong material such as hardened steel and must be equipped with a ball check and vent or its equivalent or better.	pc.	1					
14	Impregnated Diamond Bit > n—a drill bit that cuts cylindrical rock samples and consists of one of the following: a drill bit with surface set of diamonds or impregnated diamonds in a tungsten carbide mix of hardened steel, polycrystalline bit, or tungsten carbide (TC) inserts mounted on a cylindrical bit that cuts out cylindrical rock samples.	pcs.	2					
15	Casing Head Assembly > with Head Adapter AW Box to NQ Pin > Necessary accessories needed to conduct subsurface exploration works.	pc.	1					
	X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-	X-X-X						
		Total A	mount of Bid	•				
		i Utai A		•				
	(in words) (in figures)							

Bid Validity:	Name and Signature of Bidder:
	Address:
	Telephone No.
Name of Representative:	·
Signature of Representative:	

Note: Columns 1 to 4 are to be filled up by the Procuring Entity.

Columns 5 to 7 shall be filled up by the Bidder.

# For Goods Offered From Within the Philippines Note: Applicable to Foreign-Assisted Procurement

Name of Bidder	Invitation to Bid <sup>3</sup> Number	Page
of		_

1	2	3	4	5	6	7	8	9	10
Ite m	Description	Cou ntry of origi n	Quantity	Unit price EXW per item	Cost of local labor, raw material, and compone nt <sup>2</sup>	Total price EXW per item (cols. 4 x 5)	Unit prices per item final	Sales and other taxes payable	Total Price delivered Final Destination (col 8 + 9) x 4
1	DISTILLATION OF CUT BACK ASPHALT, ASTM D402, AASHTO T78 > Apparatus for distillation of cut-back asphalt. Conforming to ASTM D402, AASHTO T78 Consist of: > Disttillation Flask > Condenser > Adapter > Shield > Shield and flask support > Electric heater with thermoregulator y > Cylinder reciever > Thermometer, ASTM 8 C, - 2+400°C, subdivision 10C > Graduated cylinder  Accessories:		1	set			services		

 $<sup>^{</sup>m 3}$  If ADB, JICA and WB funded projects, use IFB.

	> Crow receiver					
2	> Crow receiver 100ml cap.  FLASH POINT (CUTBACK ASPHALT), > Tag open cup flash point tester, conforming to ASTM D1310, ASTM D3143,AASHTO T79 Consist of: > eletric furnace with electronic controller of heating power, flame rotating ignition device, glass up, insulation cup, support and clamp for	1	set			
	thermometer, gauge, stainless steel frame, double line fuse  Accessories: > Thermometer, ASTM 33C, range -38 +42°C (included) > Thermometer, ASTM 9C, range -5 +110°C (included) > Thermometer, ASTM 35C, range +90 +170°C					
3	(included)  PENETRATION TEST (Asphalt Cement) AASHTO T49, ASTM D5 > used to determine the penetration of semi-solid and	1	set			

solid bituminous				
materials.				
> digital				
electronic semi-				
automatic				
penetrometer				
with automatic				
controller				
complete with				
micrometer				
vertical				
adjustment and				
adjustable				
electronic timer				
of the fall time,				
according to				
ASTM D5,				
AASHTO T49				
Technical				
Specifications:				
> Penetrometer				
has 0.01mm				
precision digital				
penetration				
measurement				
gauge, release				
button and				
automatic				
zeroing function.				
> Compatible				
with				
thermostatically				
controlled water				
with cooling unit				
sytem with				
temperature				
range from +15				
to 30° + 0.1°				
accuracy				
Accessories:				
> Penetrometer				
needle, 2.50 ±				
0.05g Pack of 3				
> Sample cup				
for penetration				
below 40mm,				
55mm dia x				
35mm height,				
pack of 6.81				
> Sample cup ,				
70mm dia x				

_	1	 ,		•	1	1	
	45mm height,						
	pack of 6.81						
	> Glass transfer						
	dish with						
	support, 10mm						
	height						
	> Mirror with						
	articulated						
	holder for easy						
	surface contact						
	between needle						
	and sample.						
	> Water chiller,						
	7.51 capacity,						
	with electronic						
	temperature						
1							
	controller with ±						
1	0.1°C accuracy						
	and fluid						
	temperature						
	range between 5						
	and 30°C.						
	Suitable for						
	chilling						
	penetrometer						
	controlled						
	setting time set.						
	> Thermometer,						
	+19 to 27°C						
	range 0.1C						
	graduations,						
	ASTM 17C						
	> Thermometer,						
	-8 to 32°C						
	range, 0.1C						
	graduations,						
	ASTM C 63						
	SPOT TEST,						
	AASHTO T102						
	> The spot test						
	is used to						
	determine						
	whether or not						
	an asphalt						
4	cement has	1	set				
	been damaged		-				
	during						
	processing due						
	to overheating						
L	25mL					<u></u>	<u> </u>
	Consist of: > Florence Flask						

	> Fliter Paper					
	(Whatman No.					
	50) 70mm					
	> Bowl Mixing					
	Aluminum, Local					
	> Cork Stopper					
	for Florence					
	flask					
	> Pipette 0.1mL					
	graduation,					
	10mL capacity					
	> Xylene, 1L					
	> Digital					
	Balance, 0.1g.					
	WATER					
	CONTENT					
	(Emulsified					
	Asphalt),					
	<b>ASTM D244</b> >					
	Used for					
	determining the					
	water content of					
	bituminous and					
	petroleum					
	materials by					
	distillation with a					
	water					
	immiscible,					
5	volatile solvent	1	set			
	> Water in	1	300			
	bituminous					
	materials test					
	set					
	The set					
	comprises:					
	> 10mL glass					
	still					
	> Glass receiver					
	> Glass					
	condenser					
	> Electric heater					
1						
	with					
	thermoregulator					
	у			 		 
	WEIGHT PER	·		 · · · · · · · · · · · · · · · · · · ·		 
	<b>GALLON OF</b>					
1	EMULSIFIED					
1						
6	ASPHALT,	1	set			
1	ASTM D244					
1	> Weight per					
1	gallon cup-					
1	83.20ml -					
	001201111				<u> </u>	

	stainless steel					
7	stainless steel measure  SOFTENING POINT, AASHTO T53, ASTM D36  > Ring and ball apparatus ASTM D36  > The apparatus comprises the following parts: Two Brass Rings, 9.50mm Diameter Steel Balls, Two ball centering guides, glass vessel, Ring Holder/Assembly Glass Thermometer -2 -80°C range graduations ASTM 15C  Accessories included:  > Hot plate with magnetic stirrer, conforming either to ASTM or EN 1427 Standards which require the water stirring for	1	set			
	more temperature uniformity					
8	ASPHALT OVEN WITH ROTATING SHELF, Standards: ASTM D6, D1754/AASHT O T47, T179 >Thin Film and Loss on Heating Determination. TFOT METHOD > Internal	1	set			

chamber and				
external frame				
all made from				
stainless Steel,				
double wall				
insulation with				
fiberglass,				
double door.				
Temperature				
control by digital				
thermoregulator.				
The oven is				
equipped of a				
dual saftey				
thermostat to				
prevent accident				
over-heatings.				
The plate				
rotates at 5-6				
rpm. Supplied				
complete with				
thermometer				
ASTM 13C, +155				
TO +170°C subd				
0.5°C.				
> The oven shall				
be provided with				
a single metal				
circular shelf				
having a				
minimum				
diameter of 250				
mm [9.8 in.] and				
a maximum				
diameter of 450				
mm [18 in.].				
Consist of:				
> Containers				
(9pcs) - ASTM				
D6/AÁSHTO T47				
The container in				
which the				
sample is to be				
tested shall be				
of metal or				
glass, cylindrical				
in shape, and				
shall have a flat				
bottom. Its				
inside				
dimensions shall				
aicibioib bilaii	1			

	be substantially					
	as follows:					
	diameter, 55					
	mm [2.17 in.],					
	depth, 35 mm					
	[1.38 in.].					
	Bi-metal stainless stem					
	thermometer					
9	> 7 inch	2	pcs.			
	> 0-250'C					
	>with calibration					
	DRILLING					
	ACCESSORIES					
	FOR SPT NW					
	Casing					
	> 1.50m					
	> Shall be					
	compliant with ASTM D 2113					
10	and DCDMA or	10	pcs.			
	its equivalent;					
	> Shall be able					
	to accommodate					
	a depth of at					
	least 60 meters					
	or its equivalent					
	or better  IMP Casing					
	Shoe Bit					
	> Casing can be					
	equipped with					
	diamond casing					
	shoes that allow					
	the casing to be					
	advanced with					
	rotary drilling. The casing shoe					
	should have the					
	same inside	2				
11	diameter as the	2	pcs.			
	casing. Casing					
	"shoes" should					
	not be confused					
	with casing "bits" (10).					
	Casing bits are					
	only acceptable					
	for temporary,					
	rotary					
	installation of					
	casing where					

	1	T		1	ı		ı	T I
	coring							
	operations are							
	not required,							
	such as							
	temporary							
	installation of a							
	large diameter							
	telescoped							
	casing. Casing							
	"bits" have an							
	inside diameter							
	that is not large							
	enough to pass							
	a core barrel of							
	the same							
	nominal hole							
	size.							
	Water Swivel							
	> directs the							
	drilling fluid to							
	the rotating kelly							
	or drill-rod							
	column							
12	> Necessary	1	pc.					
	accessories	_						
	needed to							
	conduct							
	subsurface							
	exploration							
	works.							
	SPT Spoon							
	> Shall be							
	compliant with							
	ASTM D 1586							
	> The sampler							
	should be made							
	from strong							
13	material such as	1	pc.					
	hardened steel							
	and must be							
	equipped with a							
	ball check and							
	vent or its							
	equivalent or							
	better.							
	Impregnated							
	Diamond Bit							
	> n—a drill bit							
14	that cuts	2	pcs.					
	cylindrical rock							
	samples and							
1	consists of one			1		1		

	of the following: a drill bit with surface set of diamonds or impregnated diamonds in a tungsten carbide mix of hardened steel, polycrystalline bit, or tungsten carbide (TC) inserts mounted on a cylindrical bit that cuts out cylindrical rock					
	samples.  Casing Head					
15	Assembly > with Head Adapter AW Box to NQ Pin > Necessary accessories needed to conduct subsurface exploration works.	1	pc.			
	X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-					

### Section VII. Technical Specifications

#### **Notes for Preparing the Technical Specifications**

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying their Bids. In the context of Competitive Bidding, the specifications (*e.g.* production/delivery schedule, manpower requirements, and after-sales service/parts, descriptions of the lots or items) must be prepared to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of transparency, equity, efficiency, fairness, and economy in procurement be realized, responsiveness of bids be ensured, and the subsequent task of bid evaluation and post-qualification facilitated. The specifications should require that all items, materials and accessories to be included or incorporated in the goods be new, unused, and of the most recent or current models, and that they include or incorporate all recent improvements in design and materials unless otherwise provided in the Contract.

Samples of specifications from previous similar procurements are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the goods and the repetitiveness of the type of procurement, it may be advantageous to standardize the General Technical Specifications and incorporate them in a separate subsection. The General Technical Specifications should cover all classes of workmanship, materials, and equipment commonly involved in manufacturing similar goods. Deletions or addenda should then adapt the General Technical Specifications to the particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized Philippine and international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Special Conditions of Contract or the Technical Specifications.

#### Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Technical Specifications to specific standards and

codes to be met by the goods and materials to be furnished or tested, the provisions of the latest edition or revision of the relevant standards and codes shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national or relate to a particular country or region, other authoritative standards that ensure substantial equivalence to the standards and codes specified will be acceptable.

Reference to brand name and catalogue number should be avoided as far as possible; where unavoidable they should always be followed by the words "or at least equivalent." References to brand names cannot be used when the funding source is the GOP.

Where appropriate, drawings, including site plans as required, may be furnished by the Procuring Entity with the Bidding Documents. Similarly, the Supplier may be requested to provide drawings or samples either with its Bid or for prior review by the Procuring Entity during contract execution.

Bidders are also required, as part of the technical specifications, to complete their statement of compliance demonstrating how the items comply with the specification.

### **Technical Specifications**

TECHNIC	CAL SPECIFI	CATIONS	
Item / Service	Maximum Quantity	Technical Specificat ions / Scope of Work	Statement of Compliance
DISTILLATION OF CUT BACK ASPHALT, ASTM D402, AASHTO T78 > Apparatus for distillation of cut- back asphalt. Conforming to ASTM D402, AASHTO T78 Consist of: > Disttillation Flask > Condenser > Adapter > Shield > Shield and flask support > Electric heater with thermoregulatory> Cylinder reciever > Thermometer, ASTM 8 C, -2+400°C, subdivision 10C > Graduated cylinder  Accessories: > Crow receiver 100ml cap.	1		Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and crossreferenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as
FLASH POINT (CUTBACK ASPHALT),  > Tag open cup flash point tester, conforming to ASTM D1310, ASTM D3143,AASHTO T79  Consist of:  > eletric furnace with electronic controller of heating power, flame rotating ignition device, glass up, insulation cup, support and clamp for thermometer, gauge, stainless steel frame, double line fuse  Accessories:  > Thermometer, ASTM 33C, range -38 +42°C (included)  > Thermometer, ASTM 9C, range -5 +110°C (included)  > Thermometer, ASTM 35C, range +90 +170°C (included)	1		appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution
PENETRATION TEST (Asphalt	1		

Cement) AASHTO T49, ASTM D5 > used to determine the penetration of semi-solid and solid bituminous materials. > digital electronic semi-automatic penetrometer with automatic controller complete with micrometer vertical adjustment and adjustable electronic timer of the fall time, according to ASTM D5, AASHTO T49		
Technical Specifications:  > Penetrometer has 0.01mm precision digital penetration measurement gauge, release button and automatic zeroing function.  > Compatible with thermostatically controlled water with cooling unit sytem with temperature range from +15 to 30° + 0.1° accuracy  Accessories:  > Penetrometer needle, 2.50 ± 0.05g Pack of 3  > Sample cup for penetration below 40mm, 55mm dia x 35mm height, pack of 6.81  > Sample cup , 70mm dia x 45mm height, pack of 6.81  > Glass transfer dish with support, 10mm height  > Mirror with articulated holder for easy surface contact between needle and sample.  > Water chiller, 7.51 capacity, with electronic temperature controller with ± 0.1°C accuracy and fluid temperature range between 5 and 30°C. Suitable for chilling penetrometer controlled setting time set.  > Thermometer, +19 to 27°C range 0.1C graduations, ASTM 17C  > Thermometer, -8 to 32°C range, 0.1C graduations, ASTM C 63		
SPOT TEST, AASHTO T102  > The spot test is used to determine whether or not an asphalt cement has been damaged during processing due to overheating  Consist of:  > Florence Flask 25mL  > Fliter Paper (Whatman No. 50) 70mm	1	

> Bowl Mixing Aluminum, Local > Cork Stopper for Florence flask > Pipette 0.1mL graduation, 10mL capacity > Xylene, 1L > Digital Balance, 0.1g.		
WATER CONTENT (Emulsified Asphalt), ASTM D244  > Used for determining the water content of bituminous and petroleum materials by distillation with a water immiscible, volatile solvent  > Water in bituminous materials test set The set comprises:  > 10mL glass still  > Glass receiver  > Glass condenser  > Electric heater with thermoregulatory	1	
WEIGHT PER GALLON OF EMULSIFIED ASPHALT, ASTM D244 > Weight per gallon cup-83.20ml - stainless steel measure	1	
SOFTENING POINT, AASHTO T53, ASTM D36  > Ring and ball apparatus ASTM D36  > The apparatus comprises the following parts: Two Brass Rings, 9.50mm Diameter Steel Balls, Two ball centering guides, glass vessel, Ring Holder/Assembly Glass Thermometer -2 -80°C range graduations ASTM 15C	1	
Accessories included: > Hot plate with magnetic stirrer, conforming either to ASTM or EN 1427 Standards which require the water stirring for more temperature uniformity		
ASPHALT OVEN WITH ROTATING SHELF, Standards: ASTM D6, D1754/AASHTO T47, T179 >Thin Film and Loss on Heating Determination. TFOT METHOD > Internal chamber and external frame all made from stainless Steel, double wall insulation with fiberglass, double door. Temperature control by digital thermoregulator. The oven is equipped of	1	

a dual saftey thermostat to prevent accident over-heatings. The plate rotates at 5-6 rpm. Supplied complete with thermometer ASTM 13C, +155 TO +170°C subd 0.5°C. > The oven shall be provided with a single metal circular shelf having a minimum diameter of 250 mm [9.8 in.] and a maximum diameter of 450 mm [18 in.].		
Consist of:  > Containers (9pcs) - ASTM D6/AASHTO T47 The container in which the sample is to be tested shall be of metal or glass, cylindrical in shape, and shall have a flat bottom. Its inside dimensions shall be substantially as follows: diameter, 55 mm [2.17 in.], depth, 35 mm [1.38 in.].		
Bi-metal stainless stem thermometer > 7 inch > 0-250'C > with calibration	2	
DRILLING ACCESSORIES FOR SPT NW Casing > 1.50m > Shall be compliant with ASTM D 2113 and DCDMA or its equivalent; > Shall be able to accommodate a depth of at least 60 meters or its equivalent or better	10	
IMP Casing Shoe Bit  > Casing can be equipped with diamond casing shoes that allow the casing to be advanced with rotary drilling. The casing shoe should have the same inside diameter as the casing. Casing "shoes" should not be confused with casing "bits" (10). Casing bits are only acceptable for temporary, rotary installation of casing where coring operations are not required, such as temporary installation of a large diameter telescoped casing. Casing "bits" have an inside diameter that is not large enough to pass a core barrel of the same nominal hole size.	2	
Water Swivel > directs the drilling fluid to the rotating kelly	1	

or drill-rod column > Necessary accessories needed to conduct subsurface exploration works.		
SPT Spoon  > Shall be compliant with ASTM D 1586  > The sampler should be made from strong material such as hardened steel and must be equipped with a ball check and vent or its equivalent or better.	1	
Impregnated Diamond Bit  > n—a drill bit that cuts cylindrical rock samples and consists of one of the following: a drill bit with surface set of diamonds or impregnated diamonds in a tungsten carbide mix of hardened steel, polycrystalline bit, or tungsten carbide (TC) inserts mounted on a cylindrical bit that cuts out cylindrical rock samples.	2	
Casing Head Assembly > with Head Adapter AW Box to NQ Pin > Necessary accessories needed to conduct subsurface exploration works.	1	
<i>x-x-x-x-x-x-x-x-x-x-x-x</i>		

### Section VIII. Bidding Forms

#### **Notes on the Bidding Forms**

The Bidder shall complete and submit with its Bid the **Bid Form** and **Price Schedules** in accordance with **ITB** Clause 0 with the requirements of the Bidding Documents and the format set out in this Section.

When requested in the BDS, the Bidder should provide the **Bid Security**, either in the form included hereafter or in another form acceptable to the Entity, pursuant to **ITB** Clause 0.

The **Contract Agreement Form**, when it is finalized at the time of contract award, should incorporate any corrections or modifications to the accepted Bid resulting from price corrections. The Price Schedule and Schedule of Requirements deemed to form part of the contract should be modified accordingly.

The **Performance Security Form** and **Bank Guarantee Form for Advance Payment** should not be completed by the Bidders at the time of their Bid preparation. Only the successful Bidder will be required to provide performance security and bank guarantee for advance payment in accordance with one of the forms indicated herein or in another form acceptable to the Procuring Entity and pursuant to **GCC** Clause 13 and its corresponding SCC provision.

The sworn affidavit must be completed by all Bidders in accordance with **ITB** Clause 4.2 failure to do so and submit it with the bid shall result in the rejection of the bid and the Bidder's disqualification.

### **TABLE OF CONTENTS**

BID FORM	41
CONTRACT AGREEMENT FORM	43
OMNIBUS SWORN STATEMENT	44
FINANCIAL BID FORM	. 47
STATEMENT OF ALL GOVERNMENT AND PRIVATE CONTRACTS SIMILAR IN NATURE	49
LIST OF ALL ONGOING GOVERNMENT AND PRIVATE CONTRACTS INCLUDING CONTRACTS AWARDED BUT NOT YET STARTED	50
CHECKLIST OF ELIGIBILITY, TECHNICAL AND FINANCIAL REQUIREMENTS FOR BIDDERS	51
BID SECURING DECLARATION	53

#### **Bid Form**

	Date:
	Invitation to Bid <sup>4</sup> N°:
To:	[name and address of Procuring Entity]
(	Gentlemen and/or Ladies:
/ C 2	Having examined the Bidding Documents including 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 Bidding Documents for the sum of [total Bid amount in words and figures] or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.
	We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.
	If our Bid is accepted, we undertake to provide a performance security in the form, amounts, and within the times specified in the Bidding Documents.
ŗ	We agree to abide by this Bid for the Bid Validity Period specified in <b>BDS</b> provision for <b>ITB</b> Clause 0 and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
	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: <sup>5</sup>
	Name and address Amount and Purpose of of agent Currency Commission or gratuity

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.

(if none, state "None")

<sup>&</sup>lt;sup>4</sup> If ADB, JICA and WB funded projects, use IFB.

<sup>&</sup>lt;sup>5</sup> Applicable only if the Funding Source is the ADB, JICA or WB.

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

We certify/confirm that we comply with the eligibility requirements as per **ITB** Clause 5 of the Bidding Documents.

Dated this			day (	of			20	·	
 [signat	rure]			 [in	_ the ca <sub>l</sub>	pacity oi	Ŋ		
Duly	authorized	to	sign	Bid	for	and	on	behalf	of

#### **Contract Agreement Form**

_	AGREEMENT een <i>[name of</i>	made	the		day	of	 20
PROCURING the one part	GENTITY] of the called "the Super called" the Super called "the Super called" the Super called" the Super called "the Su	Supplie	<i>r]</i> of	[city ar	nd cou	ıntry	•

WHEREAS the Entity invited Bids for certain goods and ancillary services, viz., [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] (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 shall be deemed to form and be read and construed as part of this Agreement, viz.:
  - (a) the Bid Form and the Price Schedule submitted by the Bidder;
  - (b) the Schedule of Requirements;
  - (c) the Technical Specifications;
  - (d) the General Conditions of Contract;
  - (e) the Special Conditions of Contract; and (f) the Entity's Notification of Award.
- 3. In consideration of the payments to be made by the Entity to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Entity to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract
- 4. The Entity hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the time and in the manner prescribed by the contract.

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.

Signed, sealed, delivered by	the	(for the Entity)		
Signed, sealed, delivered by	the	(for the Supplier).		

#### **Omnibus Sworn Statement**

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 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];

#### 2. **Select one, delete the other:**

If a sole proprietorship: As the owner and sole proprietor of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to represent it in the bidding for [Name of Project] of the [Name of Procuring Entity];

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 and/or to represent the [Name of Bidder] in the bidding as shown in the attached [state the title of attached document showing proof of authorization (e.g. duly notarized Secretary's Certificate issued by the corporation or members of the joint venture];

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: I am 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 a cooperative: None of the officers and members of the [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;
- 8. *[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

Doc. No.\_\_\_\_ Page No.\_\_\_\_

Book No.\_\_\_\_ Series of\_\_\_\_\_.

d)	Inquire or secure Supplemental/Bid Bulletin(s) issued for the [Name of the Project]; and
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 and 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's Authorized Representative]
	Bidder's Representative/Authorized Signatory
	[Insert signatory's legal
	pacity] <b>SUBSCRIBED AND SWORN</b> to before me this day of [month] ear] at [place of execution], Philippines. Affiant/s is/are personally known to
	e and was/were identified by me through competent evidence of identity as
def	fined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant's
	hibited to me his/her <i>[insert type of government identification card used]</i> th his/her photograph and signature appearing thereon, with no and
	her Community Tax Certificate No issued on at
	Witness my hand and seal this day of [month] [year].
	NAME OF NOTARY PUBLIC
	NAME OF NOTARY PUBLIC Serial No. of Commission
	Serial No. of Commission Notary Public for until
	Serial No. of Commission

#### PRICE SCHEDULE FOR GOODS OFFERED

#### <u>Contract ID No.: 24GGB004</u> <u>Contract Name: Procurement of Laboratory Equipment for use of Quality Assurance Section, DPWH, San Jose, Antique</u>

1	2	3	3 4		5	6	7		
Item No.	Description	ABC	Quantity /Unit		Quantity	Quantity /Unit		Total Cost (Peso)	Delivery Schedule
1	DISTILLATION OF CUT BACK ASPHALT, ASTM D402, AASHTO T78 > Apparatus for distillation of cut- back asphalt. Conforming to ASTM D402, AASHTO T78 Consist of: > Disttillation Flask > Condenser > Adapter > Shield > Shield and flask support > Electric heater with thermoregulatory > Cylinder reciever > Thermometer, ASTM 8 C, -2+400°C, subdivision 10C > Graduated cylinder  Accessories: > Crow receiver 100ml cap.		1	set					
2	> Tag open cup flash point tester, conforming to ASTM D1310, ASTM D3143,AASHTO T79 Consist of: > eletric furnace with electronic controller of heating power, flame rotating ignition device, glass up, insulation cup, support and clamp for thermometer, gauge, stainless steel frame, double line fuse		1	set					

			1	1	I
	Accessories:  > Thermometer, ASTM 33C, range -38 +42°C (included)  > Thermometer, ASTM 9C, range -5 +110°C (included)  > Thermometer, ASTM 35C, range +90 +170°C (included)				
	PENETRATION TEST (Asphalt Cement) AASHTO T49, ASTM D5  > used to determine the penetration of semi-solid and solid bituminous materials.  > digital electronic semi-automatic penetrometer with automatic controller complete with micrometer vertical adjustment and adjustable electronic timer of the fall time, according to ASTM D5, AASHTO T49  Technical Specifications:  > Penetrometer has 0.01mm precision digital penetration measurement gauge, release button and automatic zeroing				
3	function.  > Compatible with thermostatically controlled water with cooling unit sytem with temperature range from +15 to 30°+ 0.1° accuracy  Accessories:  > Penetrometer needle, 2.50 ± 0.05g Pack of 3  > Sample cup for penetration below 40mm, 55mm dia x 35mm height, pack of 6.81  > Sample cup , 70mm dia x 45mm height, pack of 6.81  > Glass transfer dish with support, 10mm height  > Mirror with articulated holder for easy surface contact between needle and	1	set		

	cample				
	sample.				
	> Water chiller, 7.51 capacity, with				
	electronic temperature controller with ±				
	0.1°C accuracy and fluid temperature range				
	between 5 and 30°C. Suitable for chilling				
	penetrometer controlled setting time set.				
	> Thermometer, +19 to 27°C range 0.1C				
	graduations, ASTM 17C				
	> Thermometer, -8 to 32°C range, 0.1C				
	graduations, ASTM C 63				
	SPOT TEST, AASHTO T102				
	> The spot test is used to determine				
	whether or not an asphalt cement has been				
	damaged during processing due to				
	overheating				
	Consist of:				
4	> Florence Flask 25mL	1	set		
	> Fliter Paper (Whatman No. 50) 70mm				
	> Bowl Mixing Aluminum, Local				
	> Cork Stopper for Florence flask				
	> Pipette 0.1mL graduation, 10mL capacity				
	> Xylene, 1L				
	> Digital Balance, 0.1g.				
	WATER CONTENT (Emulsified				
	Asphalt), ASTM D244				
	> Used for determining the water content				
	of bituminous and petroleum materials by				
	distillation with a water immiscible, volatile				
	solvent				
5	> Water in bituminous materials test set	1	set		
	The set comprises:				
	> 10mL glass still				
	> Glass receiver				
	> Glass condenser				
	> Electric heater with thermoregulatory				
	WEIGHT PER GALLON OF EMULSIFIED				
6	ASPHALT, ASTM D244	1	set		
	> Weight per gallon cup-83.20ml - stainless	1	300		
	steel measure				

7	SOFTENING POINT, AASHTO T53, ASTM D36  > Ring and ball apparatus ASTM D36  > The apparatus comprises the following parts: Two Brass Rings, 9.50mm Diameter Steel Balls, Two ball centering guides, glass vessel, Ring Holder/Assembly Glass Thermometer -2 -80°C range graduations ASTM 15C  Accessories included:  > Hot plate with magnetic stirrer, conforming either to ASTM or EN 1427 Standards which require the water stirring for more temperature uniformity	1	set		
8	ASPHALT OVEN WITH ROTATING SHELF, Standards: ASTM D6, D1754/AASHTO T47, T179  >Thin Film and Loss on Heating Determination. TFOT METHOD  > Internal chamber and external frame all made from stainless Steel, double wall insulation with fiberglass, double door. Temperature control by digital thermoregulator. The oven is equipped of a dual saftey thermostat to prevent accident over-heatings. The plate rotates at 5-6 rpm. Supplied complete with thermometer ASTM 13C, +155 TO +170°C subd 0.5°C.  > The oven shall be provided with a single metal circular shelf having a minimum diameter of 250 mm [9.8 in.] and a maximum diameter of 450 mm [18 in.].  Consist of:  > Containers (9pcs) - ASTM D6/AASHTO T47 The container in which the sample is to be tested shall be of metal or glass, cylindrical in shape, and shall have a flat	1	set		

	bottom. Its inside dimensions shall be substantially as follows: diameter, 55 mm [2.17 in.], depth, 35 mm [1.38 in.].  Bi-metal stainless stem thermometer				
9	> 7 inch > 0-250'C > with calibration	2	pcs.		
10	DRILLING ACCESSORIES FOR SPT NW Casing > 1.50m > Shall be compliant with ASTM D 2113 and DCDMA or its equivalent; > Shall be able to accommodate a depth of at least 60 meters or its equivalent or better.	10	pcs.		
11	IMP Casing Shoe Bit  > Casing can be equipped with diamond casing shoes that allow the casing to be advanced with rotary drilling. The casing shoe should have the same inside diameter as the casing. Casing "shoes" should not be confused with casing "bits" (10). Casing bits are only acceptable for temporary, rotary installation of casing where coring operations are not required, such as temporary installation of a large diameter telescoped casing. Casing "bits" have an inside diameter that is not large enough to pass a core barrel of the same nominal hole size.	2	pcs.		
12	Water Swivel > directs the drilling fluid to the rotating kelly or drill-rod column > Necessary accessories needed to conduct subsurface exploration works.	1	рс.		
13	SPT Spoon  > Shall be compliant with ASTM D 1586  > The sampler should be made from strong material such as hardened steel and must	1	рс.		

	be equipped with a ball check and vent or its equivalent or better.							
14	Impregnated Diamond Bit  > n—a drill bit that cuts cylindrical rock samples and consists of one of the following: a drill bit with surface set of diamonds or impregnated diamonds in a tungsten carbide mix of hardened steel, polycrystalline bit, or tungsten carbide (TC) inserts mounted on a cylindrical bit that cuts out cylindrical rock samples."		2	pcs.				
15	<ul> <li>Casing Head Assembly</li> <li>with Head Adapter AW Box to NQ Pin</li> <li>Necessary accessories needed to conduct subsurface exploration works.</li> </ul>		1	pc.				
	x-x-x-x-x-x-x-x-x-x-x-x							
	Total :	Php 2,423,500.00						
	Total Amount of Bid:		<u>I</u>	<u>I</u>				
	(in words) (in figure)							
Name a Addres	idity: and Signature of Bidder: s:							
Name	one/Mobile No of Representative: entative:		Sig	gnature			of	

Bidders are required to include the cost of all taxes, such as, but not limited to: value added tax (VAT), income tax, local taxes, customs duties, freight, insurance, bank charges and other fiscal levies and duties. These shall be itemized in the bid form and reflected in the detailed estimates.

#### STATEMENT OF ALL GOVERNMENT AND PRIVATE CONTRACTS COMPLETED WHICH ARE SIMILAR IN NATURE

Busi	ness	Nar	ne:
Busi	ness	Add	iress

Name of Contract /Project Cost	a. Owner's Name	Nature of Work	Bidder's Role		a. Amount at	a. Date Awarded	
	<ul><li>b. Address</li><li>c. Telephone Nos.</li></ul>		Description	%	Award b. Amount at Completion c. Duration	<ul><li>b. Contract Effectivity</li><li>c. Date Completed</li></ul>	
Government							
<u>Private</u>							
Note: This statement shall be supported with:							

- 1. Contract
- 2. Certificate of Completion
- 3. Certificate of Acceptance

Submitted by:		
,	(Printed Name and Signature)	
Designation:		
Date:		

#### LIST OF ALL ONGOING GOVERNMENT AND PRIVATE CONTRACTS INCLUDING CONTRACTS AWARDED BUT NOT **YET STARTED**

<b>Business</b>	Name:
<b>Business</b>	<b>Address:</b>

Name of Contract /Project Cost	a. Owner's Name b. Address	Nature of Work			a. Date Awarded	% of Accomplishment		Value of Outstanding
	c. Telephone Nos.		Description	%	b. Date Started c. Date of Completion	Planned	Actual	Works/ Undelivered Portion
Government					Compicuon			
<u>Private</u>								
Note: This statement shall be sup	Note: This statement shall be supported with:					Total Cost		

- 1. Notice of Award and/or Contract/Purchase Order
- 2. Notice to Proceed issued by owner/Certificate of Completion/Official Receipt
- 3. Certificate of Accomplishment signed by the owner or authorized representative

Submitted by:		
,	(Printed Name and Signature)	
Designation:		
Date:		

# Section IX. Checklist of Technical and Financial Documents

## **Notes on the Checklist of Technical and Financial Documents**

The prescribed documents in the checklist are mandatory to be submitted in the Bid, but shall be subject to the following:

- a. GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or
- b. Any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

The BAC shall be checking the submitted documents of each Bidder against this checklist to ascertain if they are all present, using a non-discretionary "pass/fail" criterion pursuant to Section 30 of the 2016 revised IRR of RA No. 9184.

# **Checklist of Technical and Financial Documents**

#### I. TECHNICAL COMPONENT ENVELOPE

#### Class "A" Documents

Le	gal Do	ocuments
	(a)	Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
		<u>or</u>
	(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).
Ta	chnic	al Daguments
	(f)	<u>al Documents</u> Statement of the prospective bidder of all its ongoing government
Ш	(1)	and private contracts, including contracts awarded but not yet
		started, if any, whether similar or not similar in nature and
		complexity to the contract to be bid; <b>and</b>
П	(g)	· , —
ш	(9)	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
	(h)	Original copy of Bid Security. If in the form of a Surety Bond, submit
	(11)	also a certification issued by the Insurance Commission;
		or
		Original copy of Notarized Bid Securing Declaration; and
П	(i)	Conformity with the Technical Specifications, which may include
	(-)	production/delivery schedule, manpower requirements, and/or after-
		sales/parts, if applicable; <b>and</b>
	(j)	Original duly signed Omnibus Sworn Statement (OSS);
	()	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.

	<u> FIN</u>	<u>ancia.</u>	<u>I Documents</u>
		(k) (l)	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; <a href="mailto:and">and</a> 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.
			·
		(m)	Class "B" Documents  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.
	Ott	har d	naumantan ( raquiramanta undar DA Na. 0104 (ac applicable)
			[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
		(o)	or product.  Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.
<b>2</b> F	ETR	MAN/	CIAL COMPONENT ENVELOPE
23		(a)	Original of duly signed and accomplished Financial Bid Form; and Original of duly signed and accomplished Price Schedule(s).

