

Republic of the Philippines  
DEPARTMENT OF SCIENCE AND TECHNOLOGY  
**REGIONAL OFFICE NO. 1**  
DMMMSU MLU Campus, City of San Fernando, La Union

**PHILIPPINE BIDDING DOCUMENTS**  
on

*Procurement of Various Laboratory Equipment under Smarter ONELAB for Industry 4.0 through Testing and Calibration, Education and Discovery (ONELAB for TED)*  
CY 2023  
Project No. DOST1PB2023-01

**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.

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# ***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.”

**DOST** – Department of Science and Technology

**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 SCIENCE AND TECHNOLOGY**  
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**DMMMSU MLU Campus**  
**City of San Fernando, La Union**

**INVITATION TO BID**

***For Procurement of Various Laboratory Equipment under Smarter ONELAB for Industry***

***4.0 through Testing and Calibration, Education and Discovery (ONELAB for TED)***

**CY 2023**

**DOST1PB2023-01**

1. The Department of Science and Technology Regional Office No. 1 (DOST 1), through the ONELAB for TED CY 2023, intends to apply the sum of Twenty-Six Million Pesos Only (**P26,150,000.00**) being the Approved Budget for the Contract (ABC) to payments under the contract for each item for the Procurement of Various Laboratory Equipment under Smarter ONELAB for Industry 4.0 through Testing and Calibration, Education and Discovery (ONELAB for TED) CY 2023 to the Department of Science and Technology Regional Office No. 1. Bids received in excess of the ABC shall be automatically rejected at bid opening.

Item No.	Qty.	Item/Description	Approved Budget for the Contract	Delivery Period
1	1 unit	UV-Vis Spectrophotometer	1,500,000.00	Please refer to Section VI. Schedule of Requirements
2	1 unit	Kjeldahl System (Digestion-Distillation-Scrubber)	2,000,000.00	
3	1 unit	Acid/Base Hydrolysis System	2,000,000.00	
4	1 unit	Microwave Digestion	4,000,000.00	
5	1 unit	Histamine (ELISA) Analysis System	1,500,000.00	
6	1 unit	Biosafety Cabinet Class 2 A II	1,500,000.00	
7	2 units	Autoclave	1,500,000.00	
8	3 units	Incubator	1,500,000.00	
9	1 unit	Mass Comparator	4,000,000.00	
10	1 unit	Pneumatic Pressure Comparator	600,000.00	
11	1 unit	Multi-Purpose Electrical Calibrator	3,000,000.00	
12	1 unit	10-Liter Seraphin Test Measure	250,000.00	
13	1 unit	Liquid Bath	1,600,000.00	
14	1 unit	IR/Non-Contact Thermometer Calibrator (Blackbody)	1,200,000.00	
<b>TOTAL</b>			<b>Php26,150,000.00</b>	

2. The **DOST Regional Office No. 1** now invites bids for the above Procurement Project. Delivery of the Goods is required upon receipt of Notice to Proceed issued by the agency for **120 working days**. Bidders should have completed, within **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 **DOST Regional Office No. 1** and inspect the Bidding Documents at the address given below during **8 A.M. to 5 P.M.**
  
5. A complete set of Bidding Documents may be acquired by interested Bidders on site or thru email on **March 6 to 17, 2023 (deadline)** from the given address and website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines, Appendix 8, on the Sale of Bidding Documents issued by the GPPB. The Procuring Entity shall allow the bidder to present its proof of payment for the fees.

<b>Approved Budget for the Contract</b>	<b>Maximum Cost of Bidding Documents (in Philippine Peso)</b>
500,000 and below	500.00
More than 500,000 up to 1 Million	1,000.00
More than 1 Million up to 5 Million	5,000.00
More than 5 Million up to 10 Million	10,000.00
<b>More than 10 Million up to 50 Million</b>	<b>25,000.00</b>
More than 50 Million up to 500 Million	50,000.00
More than 500 Million	75,000.00

It may also be downloadable free of charge from the website from the Philippine Government Electric Procurement System (PhilGEPS) and the website of the Procuring Entity, provided that Bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.

6. The **DOST Regional Office No. 1** will hold a **Pre-Bid Conference** on **March 17, 2023; 9:00 A.M.** at **DOST RO1 Multipurpose Hall, DMMMSU MLU Campus, City of San Fernando, La Union** through **face to face**, which shall be open to prospective bidders.

7. Bids must be duly received by the BAC Secretariat **through face to face manual submission** at the office address indicated below on or before ***March 29, 2023 at 9:00am***. Late bids shall not be accepted.
8. All Bids must be accompanied by a **bid security per item** in any of the acceptable forms and in the amount stated in ITB Clause 14.
9. Bid opening shall be on **March 29, 2023; 9:00 A.M.** at DOST RO1 Multipurpose Hall, DMMMSU MLU Campus, City of San Fernando, La Union. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. The **Department of Science and Technology Regional Office No. 1** 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:

  
DECTH 1180 P. LIBUNAO  
BAC Chairperson  
DOST REGIONAL OFFICE 1  
[dplibunao@region1.dost.gov.ph](mailto:dplibunao@region1.dost.gov.ph)  
DMMMSU MLU Campus  
City of San Fernando, La Union (888-3399)  
<http://region1.dost.gov.ph/>

12. You may visit the following websites:

For downloading of Bidding Documents: <http://region1.dost.gov.ph/>

*March 6, 2023*

DECTH 1180 P. LIBUNAO  
BAC Chairperson  
DOST REGIONAL OFFICE 1  
[dplibunao@region1.dost.gov.ph](mailto:dplibunao@region1.dost.gov.ph)

## ***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, DOST Regional Office No. 1, wishes to receive Bids for the Procurement of Various Laboratory Equipment under Smarter ONELAB for Industry 4.0 through Testing and Calibration, Education and Discovery (ONELAB for TED) CY 2023 to the Department of Science and Technology Regional Office No. 1. with identification number: DOST1PB2023-01

The Procurement Project (referred to herein as “Project”) is composed of **fourteen(14) items of laboratory equipment**, 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 **CY 2023** in the amount of **TWENTY SIX MILLION ONE HUNDRED FIFTY THOUSAND PESOS ONLY. (P26,150,000.00)**

**2.2.** The source of funding is:

- a. NGA, the National Expenditure Program.

## **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.
- 5.3. 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 **FACE TO FACE** 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, through the given address **FACE TO FACE** 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. 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:

- a. **Philippine Pesos.**

## **14. Bid Security**

- 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 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.

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<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.

## **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:]*
- a. 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:
- One Project having several items, which shall be awarded as separate contracts per item.**
- 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 Misni-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, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the BDS.

## **21. Signing of the Contract**

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

*[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	
5.3	<p>For this purpose, contracts similar to the Project shall be:</p> <ul style="list-style-type: none"> <li>a. <b>DOST1 PB2023-01 -Procurement of Various Laboratory Equipment under Smarter ONELAB for Industry 4.0 through Testing and Calibration, Education and Discovery (ONELAB for TED) CY 2023 to the Department of Science and Technology Regional Office No. 1.</b></li> <li>b. completed within [<i>indicate period</i>] prior to the deadline for the submission and receipt of bids.</li> </ul>
12	<p>The price of the Goods shall be quoted DDP to <b>Department of Science and Technology Regional Office No. 1, SAN FERNANDO CITY, LA UNION</b> or the applicable International Commercial Terms (INCOTERMS) for this Project.</p>
14.1	<p>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <ul style="list-style-type: none"> <li>a. <b>The amount of not less than 2% PER ITEM</b> if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or</li> <li>b. <b>The amount of not less than 5% PER ITEM</b> if bid security is in Surety Bond.</li> </ul>
19.3	<i>Please see attached list on the paragraph 1 of ITB.</i>
20.2	<i>No further instruction</i>
21.2	<i>No additional requirements</i>

## ***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	
1	<p><i>[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:]</i></p> <p><b>Delivery and Documents –</b></p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p><i>[For Goods supplied from abroad, state:]</i> “The delivery terms applicable to the Contract are DDP delivered [<i>indicate place of destination</i>]. In accordance with INCOTERMS.”</p> <p><i>[For Goods supplied from within the Philippines, state:]</i> “The delivery terms applicable to this Contract are delivered [<i>indicate place of destination</i>]. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).</p> <p>For purposes of this Clause the Procuring Entity’s Representative at the Project Site is [<i>indicate name(s)</i>].</p> <p><b>Incidental Services –</b></p> <p>The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements: <i>Select appropriate requirements and delete the rest.</i></p> <ul style="list-style-type: none"> <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> <li>c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;</li> <li>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</li> </ul>

	<p>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.</p> <p>f. <i>[Specify additional incidental service requirements, as needed.]</i></p> <p>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.</p> <p><b>Spare Parts –</b></p> <p>The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:</p> <p><i>Select appropriate requirements and delete the rest.</i></p> <ul style="list-style-type: none"> <li>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</li> <li>b. in the event of termination of production of the spare parts: <ul style="list-style-type: none"> <li>i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and</li> <li>ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.</li> </ul> </li> </ul> <p>The spare parts and other components required are listed in <b>Section VI (Schedule of Requirements)</b> and the cost thereof are included in the contract price.</p> <p>The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of <i>[indicate here the time period specified. If not used indicate a time period of three times the warranty period]</i>.</p> <p>Spare parts or components shall be supplied as promptly as possible, but in any case, within <i>[insert appropriate time period]</i> months of placing the order.</p>
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	<p><b>Packaging –</b></p> <p>The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.</p> <p>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.</p> <p>The outer packaging must be clearly marked on at least four (4) sides as follows:</p> <ul style="list-style-type: none"> <li>Name of the Procuring Entity</li> <li>Name of the Supplier</li> <li>Contract Description</li> <li>Final Destination</li> <li>Gross weight</li> <li>Any special lifting instructions</li> <li>Any special handling instructions</li> <li>Any relevant HAZCHEM classifications</li> </ul>
	<p>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.</p> <p><b>Transportation –</b></p> <p>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.</p> <p>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.</p>

	<p>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.</p> <p>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.</p> <p><b>Intellectual Property Rights –</b></p> <p>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.</p>										
2.2	<p><i>[If partial payment is allowed, state]</i> “The terms of payment shall be as follows: _____.”</p>										
4	<p><b>Please see attached inspections and tests that will be conducted.</b></p> <table border="1"> <thead> <tr> <th>Item No.</th> <th>Quantity</th> <th>Item/Description</th> <th>Additional quantity for every batch of delivery for acceptance test</th> <th>Testing Center</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Item No.	Quantity	Item/Description	Additional quantity for every batch of delivery for acceptance test	Testing Center					
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<b>Item No.</b>	<b>Quantity</b>	<b>Item/Description</b>	<b>Additional quantity for every batch of delivery for acceptance test</b>	<b>Testing Center</b>
1	1	UV-Vis Spectrophotometer	-NA-	Calibration from supplier (COA)
2	1	Kjeldahl System (Digestion-Distillation-Scrubber)	-NA-	Calibration from supplier (COA)
3	1	Acid/Base Hydrolysis System	-NA-	Calibration from supplier (COA) Calibration from supplier (COA)
4	1	Microwave Digestion	-NA-	Calibration from supplier (COA)
5	1	Histamine (ELISA) Analysis System	-NA-	Calibration from supplier (COA)
6	1	Biosafety Cabinet Class 2 A II	-NA-	Calibration from supplier (COA)
7	2	Autoclave	-NA-	Calibration from supplier (COA)
8	3	Incubator	-NA-	Calibration from supplier (COA)
9	1	Mass Comparator	-NA-	Calibration from supplier (COA)
10	1	Pneumatic Pressure Comparator	-NA-	Calibration from supplier (COA)
11	1	Multi-Purpose Electrical Calibrator	-NA-	Calibration from supplier (COA)
12	1	10-Liter Seraphin Test Measure	-NA-	Calibration from supplier (COA)
13	1	Liquid Bath	-NA-	Calibration from supplier (COA)
14	1	IR/Non-Contact Thermometer Calibrator (Blackbody)	-NA-	Calibration from supplier (COA)

## ***Section VI. Schedule of Requirements***

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

<b>Item Number</b>	<b>Description</b>	<b>Quantity</b>	<b>Total</b>	<b>Delivered, Weeks/Months</b>
1	UV-Vis Spectrophotometer	1	1,500,000.00	120CD
2	Kjeldahl System (Digestion-Distillation-Scrubber)	1	2,000,000.00	120CD
3	Acid/Base Hydrolysis System	1	2,000,000.00	120CD
4	Microwave Digestion	1	4,000,000.00	120CD
5	Histamine (ELISA) Analysis System	1	1,500,000.00	120CD
6	Biosafety Cabinet Class 2 A II	1	1,500,000.00	120CD
7	Autoclave	2	1,500,000.00	120CD
8	Incubator	3	1,500,000.00	120CD
9	Mass Comparator	1	4,000,000.00	120CD
10	Pneumatic Pressure Comparator	1	600,000.00	120CD
11	Multi-Purpose Electrical Calibrator	1	3,000,000.00	120CD
12	10-Liter Seraphin Test Measure	1	250,000.00	120CD
13	Liquid Bath	1	1,600,000.00	120CD
14	IR/Non-Contact Thermometer Calibrator (Blackbody)	1	1,200,000.00	120CD
	<b>Please see attached complete specifications of various laboratory equipment</b>			

**COMPLETE SPECIFICATIONS OF VARIOUS LABORATORY EQUIPMENT**

ITEM	QUANTITY/ UNIT	SPECIFICATIONS
<b>UV-VIS Spectrophotometer</b>	1 unit	Wavelength: 190-1100 nm Optical System: Double beam Spectral bandwidth: 1-5nm Light source: Halogen/Deuterium or Xenon Detector: Silicone photodiode Display: Graphic LCD, or touch screen with touch pen inclusion Data output: USB, printer port PC Compatibility: UV-Vis software Sample compartment: suitable for 5-100mm path length cuvet Power requirements: 100-240V, 50/60Hz application software warranty certificate installation, commissioning, calibration, and preventive maintenance training for end users (with certificate) -better or equivalent
<b>Acid/Base Hydrolysis System for Fat Extraction</b>	1 unit	Operation: Automatic/Semi-Automatic Application: Food and feeds Material: Chemical resistant Temperature range: max 425°C Number of Samples: 6 or more warranty certificate installation, commissioning, calibration, and preventive maintenance training of end users (with certificate)

		-better or equivalent
<b>Microwave Digestion System</b>	1 unit	Application: Food, feed, environment, water, beverage
		Microwave Cavity: Large Volume (56L or higher) Capacity; Corrosion resistant stainless-steel cavity, with multi-layer corrosion resistant coating
		Sample position (rotor): 12 or higher
		Real-time Temperature and Pressure monitoring on each and all vessels
		Maximum Temperature and Pressure: the higher, the better
		Acid resistant vessels: at least 60mL capacity
		Explosion-proof design/system, safe pressure vent system for safe opening (vessel and equipment), automatic shut-off or control system
		Pre-loaded digestion methods/software application
		warranty certificate
		installation, commissioning, calibration and preventive maintenance training of end users(with certificate)
		-better or equivalent
<b>Kjeldahl System</b>	1 unit	Kjeldahl System/Protein Analyzer (Distillation-Digestion-Scrubber) *
		*Kjeldahl Distillation system
		Multi-functional (suitable for non-Kjeldahl application)
		Programmable, automatic addition of NaOH and Water
		Programmable distillation time and reaction time
		Automatic suction for steam and residue
		Steam power, 10-100%
		Recovery: >99.5%
		Reproducibility: ±1% or better
		Detection limit: 0.1mg N or lower
		With Safety features

	Tank level control
	Quick start features
	Pre-defined and User-defined methods
	*Kjeldahl Digestion system (Digester)
	Temperature: up to 430°C or higher
	Temperature accuracy: ±1% or lower
	Programmable features
	Safety Features
	Corrosion resistant
	Heating places: 20 or higher
	Size of tubes: 250/300 mL
	Automatic Lift Features
	*Scrubber
	Corrosion resistant
	High efficiency neutralization and absorption
	Adjustable suction power
	Integrated vacuum pump
	warranty certificate
	installation, commissioning, calibration and preventive maintenance
	training of end users (with certificate)
	-better or equivalent
ELISA HISTAMINE ANALYSER	1 unit
	<b>Linear measurement range:</b> .00 to 3.0 absorbance Unit (A)
	<b>Photometric Accuracy:</b> +/- (1% +/- 0.010) 0.0 through 1.5 ABS
	<b>Stability :</b> Drift of no more than 0.005A in 8 hours in bichromatic
	<b>Light Source:</b> Tungsten-Xenon lamp with lamp saver feature
	<b>Standard Wavelengths:</b> 405, 450, 492 and 650 nm
	<b>Filter type:</b> IAD hard-coat interference, 10 nm half bandpass
	<b>Vessel:</b> Single, or break a part strip up to 12 wells long, 3 strip loading

	capacity
	Display: Interactive touch screen 3.5"(8 CM) LCD
	Printer: built in printer
	<b>Power Requirements:</b> 100-240VAC, 1.2 A (universal input)
	<b>Microprocessor:</b> 50MHz eZ80,64K EEPROM
	<b>Speed:</b> reads, calculates and prints result, 30 seconds per 12-well strips
	<b>Calculations:</b> Single point calibration by standard or factor, multipoint calibration with point-to point curve fit,
	Linear regressions with log, lin and log-logit selection, cubic spline and cut of mode selection
<b>Biosafety Cabinet Class 2 A</b>	<b>READY TO USE SYSTEM for Histamine analyses</b>
<b>II</b>	warranty certificate
	installation, commissioning, calibration and preventive maintenance
	training of end users (with certificate)
	-better or equivalent
	<b>Construction:</b>
	External dimension: 28" stand, 1950 x 810 x 2111 mm
	Internal: 1830 x580 x 670mm
	materials:
	Main body: 1.2 mm (0.05") 18-gauge electro-galvanized steel with white oven baked epoxy-polymer antimicrobial powder coated finished
	Work Zone: abrasion and corrosion resistant 304 grade, 1.5mm 16 gauge stainless steel with 4B finish
	Side walls: 1.5 mm (0.06") 16 gauge stainless steel, type 304 with 4B finish
	<b>Airflow:</b>
	Ultralow Particulate Air (ULPA)/h14 with 99.999% efficiency at 0.3-0.1um airflow volume: 519 cmh (inflow); 1146cmh(downflow)

	ISO 14644-1 Class 3 air quality
<b>Control Panel and electrical:</b>	<p>Easy to use soft keys for menu, blower, lights, UV, Electrical outlets, etc.</p> <p>Large display which monitors the operational parameters</p>
<b>Electrical Requirement</b>	<p>Power rating: 220-240VAC 60Hz,10</p> <p>Nominal Power Consumption : 606W</p>
<b>Lighting:</b>	<p>Fluorocent lamp intensity : 1044 Lux</p> <p>UV light 253.7 nm</p>
<b>Exhaust:</b>	<p>air tight damper, thimble exhaust, anti blowback valve</p>
<b>Ergonomics:</b>	<p>Easy to service. All electrical components located at the back of the front panel</p>
V-Centered and angled-down location of the control panel	
Support stand	
ergonomic Foot rest and lab chair	
Angled arm rest	
Easy to reach electrical outlets located at the sides of the cabinet	
Easy to clean coved corners in the working area and smoothly finished corners of the drain pan	
Spill containing single piece work tray with large tray handles	
warranty certificate	
installation, commissioning, calibration and preventive maintenance	
training of end users(with certificate)	
-better or equivalent	
<b>Autoclave</b>	<p>2 units</p> <p><b>Vertical standing type</b></p> <p>Chamber volume: 50-55L</p>

	Temperature range: 105-132C or higher
	Operation Pressure range: 216kpa or higher
	Temperature control: Digital, microprocessor controlled or equivalent
	Pressure display: Analog/0-400kPA or higher
	Timer Control: Digital, Microprocessor controlled or equivalent
	Sterilizing mode: 1-24 mins, continuous or better
<b>chamber material:</b>	SUS 304
	Chamber dimension: dia x320-325x730-740 mm
	External dimension: WDH 480-490x550-560x1090-1095mm
	Temp Range: up to 134C
	Power: 220-240V Single Pase 60Hz
	<b>Part: stainless steel buckets and avr</b>
	<b>safety features:</b>
	Inside chamber overheat prevention
	Outer wall of the chamber overheat prevention
	Over pressure prevention
	Temperature sensor disconnection
	Empty heating prevention
	Safety Valve
	<b>malfunlction prevention devices:</b>
	Low level indicator
	Exhaust valve knob open/close detection
	Chamber lif open/close detection
	warranty certificate
	installation, commissioning, calibration and preventive maintenance
	training of end users(with certificate)
	-better or equivalent
<b>Incubator</b>	3 units
	APT. line preheating chamber technology

	natural convection exhaust air flap
	inner door made of tempered safety glass
	Class 3.1 independent, temperature safety device DIN 12880, with visual temperature alarm
	Interface: RS 422
	Temperature variation at 37C +/-0.5K
	Temperature fluctuation at 37C: +/-0.1K
	External Diameter: WHD 1235 x 1025 x 765 mm
	Internal diameter: WHD 1000 x 800 x 500mm
	Unit door: 2
	<b>Inner volume:</b> 400-450L
	<b>Parts:</b> stainless steel racks
	<b>power:</b> 220V,60Hz
	warranty certificate
	installation, commissioning, calibration and preventive maintenance
	training of end users(with certificate)
	-better or equivalent
<b>Mass Comparator</b>	Capacity: 5kg, resolution : 0.1mg
	<ul style="list-style-type: none"> <li>• Repeatability, optimal: 0.3mg or lower</li> <li>• Repeatability, standard: 0.5mg or lower</li> <li>• Repeatability, 10% load: 0.3mg or lower</li> <li>• Linearity: 2mg or lower</li> <li>• Eccentric load deviation: 151ug/mm or better</li> <li>• Stabilization time: 3 sec or better</li> <li>• With integrated Climate module for recording temperature, humidity and air pressure</li> </ul>
<b>Pneumatic Pressure Comparator</b>	1 unit  Pressure ranges 0 to 20 MPA (3000 psi). Adaptors 2 sets, 1/8, 1/4, 3/8, and 1/2 NPT or BSP

<b>Multi-Purpose Electrical Calibrator</b>	1 unit	0 to 1020 V, 0 to 20.5 A, 20.9 KW Power, Phase Control 0.01, frequency 25ppm. With calibration certificates.
<b>10-Liter Seraphin Test Measure</b>	1 unit	type 300 stainless steel with repair kit, Carrying case and miniscus reader  Temp. range: -45 °C to 150 °C Stability: ±0.005°C at 25°C (water) Uniformity: ±0.007 °C at 25 °C (water) Display resolution: 0.01° or better Digital Setting Accuracy: ±1°C or better Digital Setting Accuracy: ±0.01°C or better Volume: 14-18 liters
<b>IR/Non Contact Thermometer Calibrator (Blackbody)</b>	1 set	Temperature range: -15 °C to 120 °C with 1 unit precision IR calibrator with 1 high temp IR thermometer with IR gun holder

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## ***Framework Agreement List***

Limited to repeatedly required goods and services that are identified to be necessary and desirable, but, by its nature, use or characteristic, the quantity and/ or exact time of need cannot be accurately pre-determined and are not advisable to be carried in stock.

Prepared by the End-User, attached to the APP and submitted to the BAC for the approval of the HOPE.

<b><i>FRAMEWORK AGREEMENT LIST (AGENCY)</i></b>			
<i>Item / Service Type and nature of each item/service</i>	<i>Cost per item or service</i>	<i>Maximum Quantity</i>	<i>Total Cost per Item</i>
<b><i>TOTAL (Approved Budget for the Contract)</i></b>			
<i>Expected delivery timeframe after receipt of a Call-Off.</i>	<i>Within [no. of days] calendar days upon issuance of Call-off.</i>		
<i>Remarks</i>	<i>Indicate here any other appropriate information as may be necessary.</i>		
<b><i>SIGNATURE OVER PRINTED NAME</i></b>	<b><i>POSITION</i></b>	<b><i>DEPARTMENT/DIVISION</i></b>	

## ***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

Item	Specification	Statement of Compliance
		<i>[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 cross-referenced 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 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 subject to the applicable laws and issuances.]</i>
1	<b>UV-Vis Spectrophotometer (1 unit)</b>	
2	<b>Kjeldahl System (Digestion-Distillation-Scrubber) (1 unit)</b>	
3	<b>Acid/Base Hydrolysis System (1 unit)</b>	
4	<b>Microwave Digestion (1 unit)</b>	
5	<b>Histamine (ELISA) Analysis System</b>	

6	<b>Biosafety Cabinet Class 2 A II (1 unit)</b>	
7	<b>Autoclave (2 units)</b>	
8	<b>Incubator (3 units)</b>	
9	<b>Mass Comparator (1 unit)</b>	
10	<b>Pneumatic Pressure Comparator (1 unit)</b>	
11	<b>Multi-Purpose Electrical Calibrator (1 unit)</b>	
12	<b>10-Liter Seraphin Test Measure (1 unit)</b>	
13	<b>Liquid Bath (1 unit)</b>	
14	<b>IR/Non-Contact Thermometer Calibrator (Blackbody) (1 unit)</b>	
	<b>Please see attached complete specifications of various laboratory equipment</b>	

[Use this form for Framework Agreement:]

## ***Technical Specifications***

<b>TECHNICAL SPECIFICATIONS</b>			
<b>Item / Service</b>	<b>Maximum Quantity</b>	<b>Technical Specifications / Scope of Work</b>	<b>Statement of Compliance</b>
			<i>[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</i>

			<p><i>Comply” must be supported by evidence in a Bidders Bid and cross-referenced 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 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.]</i></p>

**COMPLETE SPECIFICATIONS OF VARIOUS LABORATORY EQUIPMENT**

ITEM	QUANTITY/ UNIT	SPECIFICATIONS	APPROVED ALLOTMENT
UV-VIS Spectrophotometer	1 unit	Wavelength: 190-1100 nm Optical System: Double beam Spectral bandwidth: 1-5nm Light source: Halogen/Deuterium or Xenon Detector: Silicone photodiode Display: Graphic LCD, or touch screen with touch pen inclusion Data output: USB, printer port PC Compatibility: UV-Vis software Sample compartment: suitable for 5-100mm path length cuvet Power requirements: 100-240V, 50/60Hz application software warranty certificate installation, commissioning, calibration, and preventive maintenance training for end users (with certificate) -better or equivalent	1,500,000.00
Acid/Base Hydrolysis System for Fat Extraction	1 unit	Operation: Automatic/Semi-Automatic Application: Food and feeds Material: Chemical resistant Temperature range: max 425°C Number of Samples: 6 or more warranty certificate installation, commissioning, calibration, and preventive maintenance training of end users (with certificate)	2,000,000.00

			-better or equivalent	
<b>Microwave Digestion System</b>	1 unit	Application: Food, feed, environment, water, beverage	<b>4,000,000.00</b>	
		Microwave Cavity: Large Volume (56L or higher) Capacity; Corrosion resistant stainless-steel cavity, with multi-layer corrosion resistant coating		
		Sample position (rotor): 12 or higher		
		Real-time Temperature and Pressure monitoring on each and all vessels		
		Maximum Temperature and Pressure: the higher, the better		
		Acid resistant vessels: at least 60mL capacity		
		Explosion-proof design/system, safe pressure vent system for safe opening (vessel and equipment) , automatic shut-off or control system		
		Pre-loaded digestion methods/software application		
		warranty certificate		
		installation, commissioning, calibration and preventive maintenance training of end users(with certificate)		
		-better or equivalent		
<b>Kjeldahl System</b>	1 unit	Kjeldahl System/Protein Analyzer (Distillation-Digestion-Scrubber) *	<b>2,000,000.00</b>	
		*Kjeldahl Distillation system		
		Multi-functional (suitable for non-Kjeldahl application)		
		Programmable, automatic addition of NaOH and Water		
		Programmable distillation time and reaction time		
		Automatic suction for steam and residue		
		Steam power, 10-100%		
		Recovery: >99.5%		
		Reproducibility: ±1% or better		
		Detection limit: 0.1ng N or lower		
		With Safety features		

	Tank level control		
	Quick start features		
	Pre-defined and User-defined methods		
	*Kjeldahl Digestion system (Digester)		
	Temperature: up to 430°C or higher		
	Temperature accuracy: ±1% or lower		
	Programmable features		
	Safety Features		
	Corrosion resistant		
	Heating places: 20 or higher		
	Size of tubes: 250/300 mL		
	Automatic Lift Features		
	*Scrubber		
	Corrosion resistant		
	High efficiency neutralization and absorption		
	Adjustable suction power		
	Integrated vacuum pump		
	warranty certificate		
	installation, commissioning, calibration and preventive maintenance		
	training of end users (with certificate)		
	-better or equivalent		
<b>ELISA HISTAMINE ANALYSER</b>	1 unit	<b>Linear measurement range: .00 to 3.0 absorbance Unit (A)</b>	<b>1,500,000.00</b>
		<b>Photometric Accuracy: +/- (1%+/-0.010) 0.0 through 1.5 ABS</b>	
		<b>Stability :</b> Drift of no more than 0.005A in 8 hours in bichromatic	
		<b>Light Source:</b> Tungsten-Xenon lamp with lamp saver feature	
		<b>Standard WaveLengths:</b> 405, 450, 492 and 650 nm	
		<b>Filter type:</b> IAD hard-coat interference, 10 nm half bandpass	

	Vessel: Single, or break a part strip up to 12 wells long, 3 strip loading capacity	
	Display: Interactive touch screen 3.5"(8 CM) LCD	
Printer:	built in printer	
Power Requirements:	100-240VAC, 1.2 A (universal input)	
Microprocessor:	50MHz eZ80,64K EEPROM	
Speed:	reads, calculates and prints result, 30 seconds per 12-well strips	
Calculations:	Single point calibration by standard or factor, multipoint calibration with point-to point curve fit,	
	Linear regressions with log, lin and log-logit selection, cubic spline and cut of mode selection.	
<b>READY TO USE SYSTEM for Histamine analyses</b>		
	warranty certificate	
	installation, commissioning, calibration and preventive maintenance	
	training of end users (with certificate)	
	-better or equivalent	
Biosafety Cabinet Class 2 A II	1 unit	<b>Construction:</b>
		External dimension: 28" stand, 1950 x 810 x 2111 mm
		Internal: 1830 x580 x 670mm
		materials:
		Main body: 1.2 mm (0.05") 18-gauge electro-galvanized steel with white oven baked epoxy- polymer antimicrobial powder coated finished
		Work Zone: abrasion and corrosion resistant 304 grade, 1.5mm 16 gauge stainless steel with 4B finish
		Side walls: 1.5 mm (0.06") 16 gauge stainless steel, type 304 with 4B finish
		<b>Airflow:</b>

	Ultralow Particulate Air (ULPA)/h14 with 99.999% efficiency at 0.3-0.1µm airflow volume: 519 cmh (inflow); 1146chm(downflow)
	ISO 14644-1 Class 3 air quality
<b>Control Panel and electrical:</b>	
	Easy to use soft keys for menu, blower, lights, UV , Electrical outlets, etc.
	Large display which monitors the operational parameters
<b>Electrical Requirement</b>	
	Power rating: 220-240VAC 60Hz,1Ø
	Nominal Power Consumption : 606W
<b>Lighting:</b>	
	Fluorocean lamp intensity : 1044 Lux
	UV light 253.7 nm
<b>Exhaust:</b>	
	air tight damper, thimble exhaust, anti blowback valve
<b>Ergonomics:</b>	
	Easy to service. All electrical components located at the back of the front panel
	V-Centered and angled-down location of the control panel
	Support stand
	ergonomic Foot rest and lab chair
	Angled arm rest
	Easy to reach electrical outlets located at the sides of the cabinet
	Easy to clean coved corners in the working area and smoothly finished corners of the drain pan
	Spill containing single piece work tray with large tray handles
	warranty certificate
	installation, commissioning, calibration and preventive maintenance

		training of end users(with certificate) -better or equivalent	
<b>Autoclave</b>	2 units	<b>Vertical standing type</b>	<b>1,500,000.00</b>
		Chamber volume: 50-55L	
		Temperature range; 105-132C of higher	
		Operation Pressure range: 216kpa or higher	
		Temperature control: Digital, microprocessor controlled or equivalent	
		Pressure display: Analog/0-400kPA or higher	
		Timer Control: Digital, Microprocessor controlled or equivalent	
		Sterilizing mode: 1-24 mins, continuous or better	
		chamber material: SUS 304	
		Chamber dimension: dia x320-325x730-740 mm	
		External dimension: WDH 480-490x550-560x1090-1095mm	
		Temp Range: up to 134C	
		Power: 220-240V Single Phase 60Hz	
		Part: stainless steel buckets and avr	
		<b>safety features:</b>	
		Inside chamber overheat prevention	
		Outer wall of the chamber overheat prevention	
		Over pressure prevention	
		Temperature sensor disconnection	
		Empty heating prevention	
		Safety Valve	
		<b>malfunction prevention devices:</b>	
		Low level indicator	
		Exhaust valve knob open/close detection	
		Chamber lif open/close detection	
		warranty certificate	
		installation, commissioning, calibration and preventive maintenance	

<b>Incubator</b>	<b>3 units</b>	training of end users(with certificate) -better or equivalent	<b>1,500,000.00</b>
		<b>temperature range:</b> +5C above ambient to 100C	
		APT. line preheating chamber technology	
		natural convection exhaust air flap	
		inner door made of tempered safety glass	
		Class 3.1 independent, temperature safety device DIN 12880, with visual temperature alarm	
		Interface: RS 422	
		Temperature variation at 37C +/-0.5K	
		Temperature fluctuation at 37C: +/-0.1K	
		External Diameter: WHD 1235 x 1025 x 765 mm	
		Internal diameter: WHD 1000 x 800 x 500mm	
		Unit door: 2	
		<b>Inner volume:</b> 400-450L	
		Parts: stainless steel racks	
		<b>power:</b> 220V,60HZ	
		warranty certificate	
		installation, commissioning, calibration and preventive maintenance	
		training of end users(with certificate)	
		-better or equivalent	

<b>Mass Comparator</b>	1 unit	<ul style="list-style-type: none"> <li>Capacity: 5kg, resolution : 0.1mg</li> <li>• Repeatability, optimal: 0.3mg or lower</li> <li>• Repeatability, standard: 0.5mg or lower</li> <li>• Repeatability, 10% load: 0.3mg or lower</li> <li>• Linearity: 2mg or lower</li> <li>• Eccentric load deviation: 151ug/mm or better</li> <li>• Stabilization time: 3 sec or better</li> <li>• With integrated Climate module for recording temperature, humidity and air pressure</li> </ul>	4,000,000.00
<b>Pneumatic Pressure Comparator</b>	1 unit	Pressure ranges 0 to 20 MPA (3000 psi). Adaptors 2 sets, 1/8, 1/4, 3/8, and 1/2 NPT or BSP	600,000.00
<b>Multi-Purpose Electrical Calibrator</b>	1 unit	0 to 1020 V, 0 to 20.5 A, 20.9 KW Power, Phase Control 0.01, frequency 25ppm. With calibration certificates.	3,000,000.00
<b>10-Liter Seraphin Test Measure</b>	1 unit	type 300 stainless steel with repair kit, Carrying case and minisus reader	250,000.00
<b>Liquid Bath</b>		Temp. range: -45 °C to 150 °C Stability: ±0.005°C at 25°C (water) Uniformity: ±0.007 °C at 25 °C (water) Display resolution: 0.01° or better Digital Setting Accuracy: ±1 °C or better Digital Setting Accuracy: ±0.01 °C or better Volume: 14-18 liters	1,600,000
<b>IR/Non Contact Thermometer Calibrator (Blackbody)</b>	1 set	Temperature range: -15 °C to 120 °C with 1 unit precision IR calibrator with 1 high temp IR thermometer with IR gun holder	1,200,000.00

## ***Section VIII. 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*

#### *Legal Documents*

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

#### *Technical Documents*

- (f) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; and
- (g) Statement of the bidder's Single Largest Completed Contract (SLCC) 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 also a certification issued by the Insurance Commission;  
or
- (i) Original copy of Notarized Bid Securing Declaration; and  
Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; and
- (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.

#### *Financial Documents*

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

**or**

A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

***Class “B” Documents***

- (m) 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.

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

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

**25 FINANCIAL COMPONENT ENVELOPE**

- (a) Original of duly signed and accomplished Financial Bid Form; **and**
- (b) Original of duly signed and accomplished Price Schedule(s).

