



Government of the Republic of the Philippines

**DAVAO DEL SUR STATE COLLEGE**  
**PHILIPPINE BIDDING DOCUMENTS**

**PROCUREMENT OF GOODS**

For the

**Supply, Delivery and Installation of Equipment for  
Upgrading of DSSC Agricultural Laboratory and  
Agricultural Processing Facilities**

**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.”

**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.





## INVITATION TO BID FOR SUPPLY, DELIVERY AND INSTALLATION OF EQUIPMENT FOR UPGRADING OF DSSC AGRICULTURAL LABORATORY AND AGRICULTURAL PROCESSING FACILITIES

- The **Davao del Sur State College**, through the **Fund 163E 2024** intends to apply the sum being the Approved Budget for the Contract (ABC) to payments under the contract for each lot:

Lot no.	Project Identification No.	Title	Qty	Delivery of the Goods	ABC	Bidding Documents Fee
1	DSSCPSU 2024-11-15-A	SUPPLY, DELIVERY AND INSTALLATION OF COFFEE AND CACAO PROCESSING EQUIPMENT	1 Lot	60 CD	Php 3,645,851.29	Php 5,000.00
2	DSSCPSU 2024-11-15-B	SUPPLY, DELIVERY AND INSTALLATION OF COFFEE EQUIPMENT	1 Lot	60 CD	Php 200,000.00	Php 500.00

Bids received in excess of the ABC for each lot shall be automatically rejected at bid opening.

- The **Davao del Sur State College** now invites bids for the above Procurement Project. 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).
- 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.

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.

- Prospective Bidders may obtain further information from **Davao del Sur State College** and inspect the Bidding Documents at the address given below from **08:00 A.M to 05:00 P.M (Monday to Friday)** except holidays.

5. A complete set of Bidding Documents may be acquired by interested Bidders on **November 9 to December 4, 2024** from the given address below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB. The Procuring Entity shall allow the bidder to present its proof of payment for the fees either in person or through e-mail.

It may also be downloaded free of charge from the website of the Philippine Government Electronic 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 in any of the following payments options:

- Over-the-counter payment at DSSC-Cashier's office, Brgy. Matti, Digos City, Davao del Sur;
- Over-the-counter deposit at Land Bank of the Philippines (LBP) Account No. – 0332-1103-57.

Prior to payment, bidders are advised to coordinate first with the BAC Secretariat, through mobile phone at (+63) 951-822-5510 (Smart) for the issuance of the "Payment Order" and instructions.

6. The **Davao del Sur State College** will hold a Pre-Bid Conference<sup>1</sup> on **November 20, 2024; 01:00 P.M.** at **PSU Office, Davao del Sur State College, Brgy. Matti, Digos City, Davao del Sur** and/or through video conferencing or webcasting *via Zoom*, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at the office address as indicated below on or before **December 4, 2024; 01:00 P.M.** 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 **December 4, 2024; 01:00 P.M** at the given address below **PSU Office, Davao del Sur State College, Brgy. Matti, Digos City, Davao del Sur** and/or via **Zoom**. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. The **Davao del Sur State College** 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.

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<sup>1</sup> May be deleted in case the ABC is less than One Million Pesos (PhP1,000,000) where the Procuring Entity may not hold a Pre-Bid Conference.

11. For further information, please refer to:

**RACHEL R. YONTING, LPT**

PSU Head/BAC Secretariat

DSSC, Brgy. Matti, Digos City, Davao del Sur

Mobile No. 09518225510

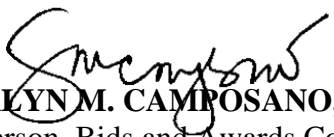
E-mail Address: [psu@dssc.edu.ph](mailto:psu@dssc.edu.ph)

Website: <https://www.dssc.edu.ph/>

12. You may visit the following websites:

For downloading of Bidding Documents:

<https://www.dssc.edu.ph/administration/procurement/bac-posting>

  
**SIVERLYN M. CAMPOSANO, Ph.D.**  
Chairperson, Bids and Awards Committee

## ***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, **Davao del Sur State College** wishes to receive Bids for the following:

Lot no.	Project Identification No.	Title	Qty
1	DSSCPSU 2024-11-15-A	SUPPLY, DELIVERY AND INSTALLATION OF COFFEE AND CACAO PROCESSING EQUIPMENT	1 Lot
2	DSSCPSU 2024-11-15-B	SUPPLY, DELIVERY AND INSTALLATION OF COFFEE EQUIPMENT	1 Lot

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 **FY 2024** in the amount shown below:

Lot no.	Project Identification No.	Title	Qty	ABC
1	DSSCPSU 2024-11-15-A	SUPPLY, DELIVERY AND INSTALLATION OF COFFEE AND CACAO PROCESSING EQUIPMENT	1 Lot	Php 3,645,851.29
2	DSSCPSU 2024-11-15-B	SUPPLY, DELIVERY AND INSTALLATION OF COFFEE EQUIPMENT	1 Lot	Php 200,000.00

2.2. The source of funding is:

a. Fund 163E

## 3. Bidding Requirements

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

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

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

#### **4. Corrupt, Fraudulent, Collusive, and Coercive Practices**

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

#### **5. Eligible Bidders**

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. Foreign ownership exceeding those allowed under the rules may participate pursuant to:
  - i. 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.
- 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:
  - 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.
- 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:

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

## **11. Documents comprising the Bid: Financial Component**

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

## **12. Bid Prices**

- 12.1. Prices indicated on the Price Schedule 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 the **BDS**.
- 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 the **BDS**.

### **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>2</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 **120 calendar days** from opening of bids. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

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<sup>2</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.

## **15. Sealing and Marking of Bids**

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

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

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

## **16. Deadline for Submission of Bids**

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

## **17. Opening and Preliminary Examination of Bids**

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

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

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

## **18. Domestic Preference**

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

## **19. Detailed Evaluation and Comparison of Bids**

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

- 19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 14 shall be submitted for each lot or item separately.
- 19.3. The descriptions of the lots or items shall be indicated in **Section VII (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.
- 19.4. The Project shall be awarded as follows:  
  
Option 2 – One Project having several items grouped into several lots, which shall be awarded as separate contracts per lot.
- 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. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

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

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

## ***Section III. Bid Data Sheet***

### **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	For this purpose, contracts similar to the Project shall be: <ul style="list-style-type: none"> <li>a. Coffee and Cacao Processing Equipment</li> <li>b. completed within <b>three (3) years</b> prior to the deadline for the submission and receipt of bids.</li> </ul>				
7.1	Sub-contracting is not allowed.				
12	The price of the Goods shall be quoted DDP <i>DAVAO DEL SUR STATE COLLEGE</i> or the applicable International Commercial Terms (INCOTERMS) for this Project.				
14.1	The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:				
	Lot No.	Title	if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit	if bid security is in Surety Bond	
	1	SUPPLY, DELIVERY AND INSTALLATION OF COFFEE AND CACAO PROCESSING EQUIPMENT	Php 72,917.00	Php 182,292.56	
	2	SUPPLY, DELIVERY AND INSTALLATION OF COFFEE EQUIPMENT	Php 4,000.00	Php 10,000.00	
19.3	<i>[In case the Project will be awarded by lot, list the grouping of lots by specifying the group title, items, and the quantity for every identified lot, and the corresponding ABC for each lot.]</i>				
	Item/Lot #	Unit	Item Description	Qty.	Approved Budget of the Contract (ABC)
					Unit Cost      Total Cost
	1	Lot	SUPPLY, DELIVERY AND INSTALLATION OF COFFEE AND CACAO PROCESSING EQUIPMENT	1	Php 3,645,851.29
	With the following breakdown:				

		<p><b>A. ONE (1) UNIT FLOOR TYPE LABORATORY SCALE SMALL SPRAY DRYER</b></p> <p>Technical Specifications:  Chamber material: High borosilicate glass  Water evaporation: 1500ML  Minimum feed quantity: 80ML  Drying chamber (mm ) : <math>\Phi</math> 300  Maximum intake Temperature: ~250 C (adjustable)  Hot air condition: Air Supply  Heater capacity: 3kw  Blower [power(kw), air volume (m /min)] : [0.25,9.5m/Min]  Compressor [power (kw), air volume (L /min)]: [0.58, 108 LPM]  Electric power (kw): 4kw  Outline size (mm) (l×w×h): 800×600×1300  Power supply: 220V/50Hz</p> <p>Additional Requirements:  - 7-8 KVA AVR Servo Type Long and Short Delay must be provided  -Supplier Must have Readily available Service Engineer base in Mindanao With attached I.d to show off  -Offer MUST include Installation, Commissioning and training  -( 1 ) One Year Warranty on Parts and Services upon normal use of Instruments</p>			
		<p><b>B. ONE (1) UNIT 2.5L (-50°C) BENCHTOP FREEZE DRYER WITH STAINLESS STEEL COIL AND COLLECTOR</b></p> <p>Technical Specifications  Collector Temperature: -50°C, -58°F  Conformance: CAN/CSA C22.2, UL  Ice Holding Capacity: 2.5L  Electrical Plug Type: Philippines  Style: Benchtop  Vacuum Pump Displacement Required: 98 L/min or larger displacement  Weight metric: 54.4 kg</p>			

		<p>Dimensions metric: 36.8 w x 48.8 d x 42.9 h cm Electrical: 220V</p> <p>Features</p> <p>Upright Stainless steel collector coil capable of holding 2.5L of ice before defrosting.</p> <p>Collector lid, 3/4" thick, has neoprene gasket and 3 dia.</p> <p>Compact benchtop design with a small footprint.</p> <p>Brushed stainless steel and glacier white, powder coated \ steel exterior</p> <p>Full color, 5" capacitive touch screen</p> <p>OS: – Real time display of collector temperature, vacuum level and optional End-Zone end point detection</p> <p>Start-up mode for collector cool-down and vacuum pull-down (automatic or manual).</p> <p>Operating mode (standby or run)</p> <p>Vacuum set point, alerts, diagnostic tests, user manual, defrost control, and optional drying accessory parameters.</p> <p>Data logging stores and displays data in table or graph format, and may be exported via USB</p> <p>Alerts are programmable to send via Ethernet connection to entered email addresses</p> <p>Display settings include brightness, touch sounds (on/off), and screen time out in minutes (on/off).</p> <p>Maintenance alert settings for vacuum pump oil change, Refrigeration cleaning, total operating hours and line voltage offset.</p> <p>Level-specific security lock-out prevents changes to programs and other system parameters,</p> <p>USB port and Ethernet connection</p> <p>Hot gas defrost auto shut off at 600C (+1400F)</p> <p>On/standby switch.</p>			
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		<p>Moisture sensor that prevents refrigeration or vacuum start-Up when moisture is detected in the drain line.</p> <p>Vacuum control valve that maintains vacuum level set point.</p> <p>Vacuum break valve that bleeds air into the system when power to the freeze dryer or vacuum pump is shut off. If a power outage less than approximately 5 minutes occurs, the freeze dryer will restart and the refrigeration and vacuum system will resume operation once power is restored. If the power failure is more than approximately 5 minutes and the collector warms above safe limits, the freeze dryer will not automatically restart.</p> <p>Side-mounted USB port and rear-mounted Ethernet connection.</p> <p>Side-mounted, quick-disconnect drain hose fitting and lanyard with hose connector. 18", 1/4" ID silicone tubing and clamp included.</p> <p>Rear-mounted electrical receptacle for vacuum pump connection.</p> <p>3-wire electrical cord with plug.</p> <p>Vacuum control valve</p> <p>Vacuum break valve</p> <p>Moisture sensor</p> <p>Stainless steel and powder-coated steel exterior</p> <p>Quick-disconnect drain hose fitting with hose connector.</p> <p>Electrical receptacle for vacuum pump connection</p> <p>3/4" OD vacuum connection, 50" of 3/4" ID vacuum hose and two clamps</p> <p>Package Included: Includes: 1 unit Scroll Vacuum Pump, 103 liters/min, 230V, 50/60Hz</p>			
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		<p>1 pc. Clear Chamber with 8Valves, Tall, 12.0 " dia. x 23.0 " h</p> <p>1 pc. Product Shelves, Tall, 5 shelves, 10.0 " dia. x 17.5 " h</p> <p>8 pcs. 150 ml Complete Freeze Flask</p> <p>8 pcs. Freeze 45° Adapter (Stainless Steel)</p> <p>1 pack 10 ml Serum Bottle (20mm corkage), pkg. of 100</p> <p>1 pack Split Rubber Stopper (20mm corkage), pkg. of 100</p> <p>1 pack Tear-Away Aluminum Seal (20mm corkage), pkg. of 100</p> <p>1 pc. Mini Stoppering Chamber</p> <p>Additional Requirements:</p> <ul style="list-style-type: none"> <li>- 3-4 KVA AVR Servo Type Long and Short Delay must be provided</li> <li>- Suppliers must provide certificate of exclusive /Authorized distributorship of the product.</li> <li>-Supplier Must have Readily available Service Engineer base in Mindanao With attached I.d to show off</li> <li>-Offer MUST include Installation, Commissioning and training</li> <li>-( 1 ) One Year Warranty on Parts and Services upon normal use of Instruments</li> </ul>			
		<p><b>C. ONE (1) UNIT WATER RETORT</b></p> <p>Technical Specifications:</p> <p>Outside Dimensions: W602×D679×H1064mm</p> <p>Inside Dimensions: Φ360 x D620 (Effective volume : 63 liters)</p> <p>Net Weight: approx. 120kg</p> <p>Power Supply: AC200V Single phase 5kW (25A)</p> <p>Pressure Vessel Category: Small sized pressure vessel</p> <p>Chamber Material: Stainless steel (SUS304)</p> <p>Sterilization Temperature Range: Mode 1 : 100 - 125°C</p>			

		<p>Variable, Mode 2 and 3 : 70 - 125°C Variable  F -value setting range: 1 - 99,  Reference temp. 121.1°C,  Calculation start temp. 100°C,  Addition value display method (Mode 1)  Sterilization timer: 1 - 250 min  The remaining time is displayed (Modes 2 and 3)  Z-value: 10°C fixed  Pressurization force: OFF • 30 - 100kPa Variable, (Add to saturated vapor pressure at set sterilization temperature)  Cooling timer: 10 - 250 min The remaining time is displayed  Programmable auto-start timer: 1 min later to 1 week later, The start time is set  Maximum working pressure: 0.235MPa  Thermometer: Chamber temperature : Digital display 5 - 129°C / Core temperature : Digital display 45 - 129°C  Pressure gauge: Analog display 0 - 0.4 MPa  Loading Capacity: 15 trays in 3 wire baskets  Loading Capacity by bags: 250-1000ml for 15-45 pouches</p> <p>Features:  - F-value control (indicates the safety of retort food)  - A movable sensor that measures the internal temperature and F-value of the sampling</p> <p>Operation process by mode:  - Mode 1 (F-value control) :  Standby→  Heating/Pressurization→  Sterilization(Cooking)→ F-value→  Shower cooling→  Drainage→ Completion  - Modes 2 and 3 (Time control):Standby→  Heating/Pressurization→  Sterilization(Cooking)→  Shower cooling→ Drainage→  Completion</p>			
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		<p>- Clock: 24-hour system clock, Date and time are alternately displayed</p> <p>Safety devices and alarms:</p> <ul style="list-style-type: none"> <li>- Pressure safety valve, Earth leakage and over current breaker, Low water cut off device</li> <li>- Error display: Low water heating, Temperature sensor wire disconnection, Over temperature, Over pressure, Abnormality in the lid lock</li> </ul> <p>Power supply connection terminal: Ring terminal (cord length 3.6m)</p> <p>Package Inclusions:</p> <ul style="list-style-type: none"> <li>- Pack Adapter x5</li> <li>- Packing for pack adapter x100</li> <li>- Gasket for pack adapter x5</li> <li>3 pcs. Stainless steel wire basket (Φ330xH195)</li> <li>1 pc. Bottom plate</li> <li>1 pc. Pressure gauge for water pressure measurement</li> <li>1 set water supply piping parts</li> <li>15 sets Tray (SUS)</li> <li>1 pc. Printer</li> </ul> <p>Installation Requirements:</p> <p>Power Supply: AC200V, Single phase, 25A or more</p> <p>Water Supply: Water supply port : 3/8" female thread, Connect it to the water supply facility having water pressure of 0.23-0.40MPa and flow rate of 6ℓ/ min or more.</p> <p>Drainage: Drain outlet : 3/8" female thread, Connect it to drainage facility with a heat-resistant and pressure-resistant hose.</p> <p>Additional Requirements:</p> <ul style="list-style-type: none"> <li>- All functions MUST use and operate English language</li> <li>- 6-8 KVA AVR Servo Type Long and Short Delay must be provided</li> <li>- Suppliers must provide certificate of exclusive</li> </ul>			
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		<p>/Authorized distributorship of the product.</p> <ul style="list-style-type: none"> <li>- Supplier Must have Readily available Service Engineer base in Mindanao With attached I.d to show off</li> <li>- Offer MUST include Installation, Commissioning and training</li> <li>- ( 1 ) One Year Warranty on Parts and Services upon normal use of Instruments</li> </ul>			
		<p><b>D. ONE (1) UNIT VACUUM PACKAGING-SEALING MACHINE</b></p> <p>Technical Specifications:  Structure: Stainless steel  Weight: 32 kg  Sealing Length: 450 mm  Sealing Width: 10 mm  Vacuum creation: Compressed air ejector  Vacuum Capacity: 5m<sup>3</sup>/h  Productivity format (A4): 3000 pcs/day  Maximum vacuum: 86 Kpa  Energies: 220VAC 1.7KW / Air 6 bars</p> <p>Features:</p> <ul style="list-style-type: none"> <li>- Shelf adjustable in height over 15 cm</li> <li>- LCD screen indicating the operation (current vacuum value) and status cycle counter</li> <li>- Complete cycle automatically managed by the program (vacuum - (gas) - sealing - cooling)</li> <li>- The nozzle automatically moves back if there is no work for 60 seconds after the start of the vacuum process.</li> <li>- The upper sealing bar rises automatically after 2 seconds if the sealing process does not start.</li> <li>- Safety sensor ensuring the lifting of the sealing bar when a</li> </ul>			

		<p>finger, an object or a foreign material is positioned between the 2 sealing bars.</p> <p>-Different programming modes:</p> <ul style="list-style-type: none"> <li>- Sealing Only</li> <li>- Vacuum + sealing</li> </ul> <p>-Optional vacuum + gas injection + sealing</p> <ul style="list-style-type: none"> <li>- Vacuum modes:</li> </ul> <p>-Programmable in vacuum value( kpa)</p> <ul style="list-style-type: none"> <li>- Programmable in time (sec.)</li> <li>-Sealing programmable in time (0 - 2.5 sec.)</li> <li>-Cooling programmable in time (0 - 5 sec.)</li> </ul> <p>Additional Requirements:</p> <ul style="list-style-type: none"> <li>- All functions MUST use and operate English language</li> <li>- 3 KVA AVR Servo Type Long and Short Delay must be provided</li> <li>- Suppliers must provide certificate of exclusive /Authorized distributorship of the product.</li> <li>- Supplier Must have Readily available Service Engineer base in Mindanao With attached I.d to show off</li> <li>- Offer MUST include Installation, Commissioning and training</li> <li>- ( 1 ) One Year Warranty on Parts and Services upon normal use of Instruments</li> </ul>			
		<p><b>E. ONE (1) UNIT ULTRA LOW FREEZER -86°C</b></p> <p>Technical Specifications:</p> <p>Type Ultra-Low Freezer, Upright</p> <p>Capacity (English) 14.9 cu. ft.</p> <p>Capacity (Metric) 422 L</p> <p>Temperature Range -50°C to -86°C</p> <p>Door Style Outer (1), Inner (4)</p> <p>No. of Doors 1</p> <p>Inner Doors 4</p> <p>Insulation Vacuum Insulation Panels (VIP) +</p>			

		<p>Water-Blown Polyurethane Foam (SNAP-compliant)  Interior Stainless Steel Shelves 3  Capacity Shelf 57 kg (125 lb)  Certifications/Compliance cULus Style Upright  Display HIC 5.6 in. 7-segment display with capacitive touch buttons  Defrost Manual  Monitoring Options Alarm, Recorder Setpoint Security Yes  Connectivity External Monitoring/Cloud  Compatible; 4-20mA, RS485, Dry Contacts  Smart View Compatibility Smart-Vue Compatible  Amperage 5.6/15 A  Plug Type NEMA 6-15  Electrical Requirements 208 - 230 V 60 Hz  Green Features Energy Efficient  Vial Capacity 30,000 x 2mL  Compressor H-drive  Refrigerant R290 (1st stage), R170 + R290 mix (2nd stage)  Holds 2 in. Boxes (300)  Rack Capacity 6</p> <p>Includes:  -3KVA AVR Servo Type Long and Short Delay must be provided</p> <p>Additional Requirements:  -Suppliers must provide certificate of exclusive /Authorized distributorship of the product.  -Supplier Must have Readily available Service Engineer base in Mindanao With attached I.d to show off  -Offer MUST include Installation, Commissioning and training  -( 1 ) One Year Warranty on Parts and Services upon normal use of Instruments</p>			
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		<p><b>F. ONE (1) UNIT STONE OR BALL GRINDER</b></p> <p>Technical Specifications:</p> <p>Capacity: 2L</p> <p>Volume of Each Capacity: 50~500ml</p> <p>Pot Quantity: 4pcs</p> <p>Running Time Range: 1~9999min</p> <p>Reciprocal Running Time: 1~999min</p> <p>Adjustable Speed Revolution: 35~335rpm</p> <p>Adjustable Speed Rotation: 70~670rpm</p> <p>Noise: 60±5dB</p> <p>Speed Control Mode: Frequency Control</p> <p>Transmission Mode: Gear Drive</p> <p>Working Mode: 2 or 4 pots can be used each time</p> <p>Maximum Sample Volume (material + grinding ball): 2/3 of the volume of the ball mill tank</p> <p>Feed Size: Soft and Crispy material&lt;10mm, Other materials&lt;3mm</p> <p>Out-put Granularity: Minimum Granularity can be reached to 0.1um</p> <p>Adjusting Mode of Rotate Speed: Frequency converter with stepless speed regulation</p> <p>Consumption: 0.75KW</p> <p>Power Supply: AC110/220V±10%, 50/60HZ</p> <p>External Size(W*D*H): 770*470*570mm</p> <p>Net Weight(kg): 93</p> <p>Features:</p> <ul style="list-style-type: none"> <li>- 3D curve shaped design</li> <li>- Special gear with low noise</li> </ul> <p>Package Inclusions:</p>			
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		<ul style="list-style-type: none"> <li>- Fora ball mill with a capacity of 2L</li> <li>- Base holder</li> <li>- 4 pcs. Pots</li> <li>- 2-3in Balls (suitable for food processing)</li> <li>- All spare parts</li> </ul> <p>Additional Requirements:</p> <ul style="list-style-type: none"> <li>- 1-2 KVA AVR Servo Type Long and Short Delay must be provided</li> <li>- Suppliers must provide certificate of exclusive /Authorized distributorship of the product.</li> <li>- Supplier Must have Readily available Service Engineer base in Mindanao With attached I.d to show off</li> <li>-Offer MUST include Installation, Commissioning and training</li> <li>-( 1 ) One Year Warranty on Parts and Services upon normal use of Instruments</li> </ul>			
2	Lot	<p><b>SUPPLY, DELIVERY AND INSTALLATION OF COFFEE EQUIPMENT</b></p> <p><b>With the following breakdown:</b></p> <p><b>A. ONE (1) UNIT pH METER</b></p> <p>Technical Specifications:  pH measuring range: 0 – 14  pH resolution: 0.01  pH accuracy: ±0.01  mV measuring range: 0 – 0  mV resolution: 1  mV accuracy: ±1  mV measuring range: - 1,999.000–1,999.000  Parameter: pH, ORP  Channel: Single-phase  Sensor: LE427 IP67  Temperature accuracy: ±0.5 °C  Memory size: 200 measurements  Protection Rating: Watertight and dustproof (IP67)  Dimensions: 188 x 77 x 33 mm</p>	1		<b>Php 200,000.00</b>



		<p>Display Type: 3.1" Segmented LCD, b/w  Sensor Included: Sensor for solid samples  Connectors: BNC, Cinch / RCA  Temperature resolution: 0.1 °C  Temperature Range: 0 °C – 100 °C  Weight: 260g  Meter Type: Portable Single-Channel</p> <p>Package Inclusions:  2 pcs. Clip covers  4 pcs. Sample bottles (50ml)  - Wrist strap  - Carrying case</p> <p>Additional Requirements:  - A product manual should be provided with complete details  - With at least one (1) year after-sales warranty service upon normal use of instruments</p>			
		<p><b>B. ONE (1) UNIT TOTAL DISSOLVED SOLIDS (TDS) METER</b></p> <p>Technical Specifications:  Parameter: TDS, Conductivity, Salinity  TDS Range: 0-10.00,100.0, 1000ppm, 10.00, 200.0ppt  TDS Accuracy: ±1%F.S.  TDS Resolution: 0.01,0.1,1  TDS Factor: 0.1-1.0 (default 0.5)  Temperature Range:0-105°C/32-221°F  Temperature Accuracy: ±0.5°C/±0.9°F  Temperature Resolution: 0.1°C/0.1°F  Temperature Offset Calibration: 1point, reading ±10°C</p> <p>Temperature Compensation: 0~100°C, manual or automatic  Temperature Coefficient: Linear (0.0~10.0%/°C), non-linear, pure water</p>			

		<p>Reference Temperature: 20/25°C  Cell Constant: K=0.1, 1, 10  Stability Criteria: Low or high</p> <p>Display: Custom LCD (80*60mm)  Power Requirements: 3x 1.5V AA batteries or DC5V power adapter  Battery Life: Approximately 150 hours (Turn off the backlight)  Dimensions: 170*85*30mm  Weight: 300g</p> <p>Features:</p> <ul style="list-style-type: none"> <li>- 1 to 5 points calibration with automatic recognition for conductivity standards.</li> <li>- Automatic electrode diagnosis shows the calibration points and factors</li> <li>- Selectable cell constant, reference temperature, TDS factor, linear and pure water compensations, seawater and practical salinity measurement modes.</li> <li>- Automatic temperature compensation ensures accurate readings over the entire range.</li> <li>- Auto-Read function senses and locks the measurement endpoint.</li> <li>- Calibration due alarm prompts user to calibrate the meter regularly</li> <li>- Auto-Power Off effectively conserves battery life.</li> <li>- Setup menu allows setting the number of calibration points, stabilitycriteria,temperature unit, date and time, etc.</li> <li>- Reset function automatically resumes all settings back to the factory defaults.</li> <li>- Expanded memory stores or recalls up to 500 data sets.</li> <li>- USB communication interface is easy to transfer data to PC.</li> </ul>			
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		<p>- Multi-mode powerscheme (batteries, power adapter and USB port) ensures that using the meter smoothly.</p> <p>Package Inclusions:</p> <ul style="list-style-type: none"> <li>- Connector (6-pin nimi-DIN, 3.5mm jack socket)</li> </ul> <p>Additional Requirements:</p> <ul style="list-style-type: none"> <li>- A product manual should be provided with complete details</li> <li>- With at least one (1) year after-sales warranty service upon normal use of instruments</li> </ul>			
		<p><b>C. ONE (1) UNIT DIGITAL REFRACTOMETER</b></p> <p>Technical Specifications:</p> <p>Brix Measurement range: 0 - 95% w/w</p> <p>Brix Accuracy: 0.2 % w/w</p> <p>Brix Resolution: 0.1</p> <p>Measurement scales: Refractive Index, Brix, Brix compensated 20 °C, HFCS 42 / 55 / 90, °Baumé, KMW, Oechsle German / Swiss, °Plato, Wort</p> <p>Measurement duration: 2s</p> <p>Weight: 115g</p> <p>IP Rating: IP65</p> <p>Measurement range nD: 1.33 - 1.53</p> <p>Accuracy nD: ±0.0003</p> <p>Resolution nD: 0.0001</p> <p>Temperature compensation range: 5 - 60 °C</p> <p>Built-in Measurement Scales: Brix / Sugar tables, Refractive Index</p> <p>Minimum sample volume: 0.3 mL</p> <p>Product Type: Portable refractometer</p> <p>Measuring cell materials: Glass and stainless steel</p> <p>Dimensions (LxHxW): 115 mm x 30 mm x 54 mm</p> <p>Display / User interface: 1.8" digital LCD</p>			

		<p>Battery type: 3V, 2 x AAA (Alkaline batteries)  Parts in contact with sample: 8 mm optical glass, stainless steel, ABS (case material)  Battery Life: 10,000 readings</p> <p>Features:</p> <ul style="list-style-type: none"> <li>- High Ambient Light detection (HAL)</li> <li>- Error messaging</li> <li>- Battery life indicator</li> </ul> <p>Package Inclusions:</p> <ul style="list-style-type: none"> <li>1 pc. Refractometer</li> <li>1 pc. Packaging box</li> <li>1 pc. Soft case</li> </ul> <p>Additional Requirements:</p> <ul style="list-style-type: none"> <li>- A product manual should be provided with complete details</li> <li>- With at least one (1) year after-sales warranty service upon normal use of instruments</li> </ul>			
		<p><b>D. ONE (1) UNIT WATER ACTIVITY METER</b></p> <p>Technical Specification</p> <p>Working Temp. -10°C~50°C</p> <p>Working Humidity 0~95%RH</p> <p>Display LCD display</p> <p>Measuring Temperature -10°C~50°C</p> <p>Range Water Activity 0~1.000</p> <p>Measurement Temperature ±0.5°C</p> <p>Accuracy Water Activity ±0.015 (@25°C) ±0.012 (@23°C±5°C)</p> <p>Measurement Time 5~40min</p> <p>Measurement Points 1~4</p> <p>Temperature Coefficient ≤0.0005/°C</p> <p>Activity Repeatability ≤0.008</p> <p>Multi-point joint calibration, single-point calibration</p> <p>Interface RS232, USB</p>			

		<p>Standard Accessories Data cable, micro printer, one sensor</p> <p>Consumption 10W Power Supply AC110/220V±10%, 50/60HZ</p> <p>Feature: 1. The measured object is unlimited, liquid solids and powder etc 2. Chemical resistant.</p> <p>Additional Requirements: -Supplier Must have Readily available Service Engineer base in Mindanao With attached I.d to show off -Offer MUST include Installation, Commissioning and training -( 1 ) One Year Warranty on Parts and Services upon normal use of Instruments</p>			
		<p><b>E. ONE (1) UNIT COFFEEMAKER</b></p> <p>Technical Specifications: Brew Capacity: 0.8L Power: 220V 1.2kW Dimensions: 12 1/2" x 7 1/2" x 13" Inches High</p> <p>Features: - Pre-infusion - Contact time of water and coffee - Heating water to the Specialty Coffee Industry target temp (197.6F-204.8F) - Hot Plate keeps the coffee warm without burning or compromising flavor. Hot Plate shuts off automatically after 90- minutes.</p> <p>Package Inclusions: - Coffeemaker - Filters - Glass coffeemaker cover - Coffeemaker cleaner - Brew Clip</p>			

			<p>Additional Requirements:</p> <ul style="list-style-type: none"> <li>- A product manual should be provided with complete details</li> <li>- Easy process of return and exchange request</li> <li>- With at least one (1) year after-sales warranty service upon normal use of instruments</li> </ul>			
20.2	<p>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 the following:</p> <ul style="list-style-type: none"> <li>i. Certificate of distributor from the manufacturer's brand</li> <li>ii. Certificates of training from the manufacturer's brand on their application engineer</li> </ul>					
21.2	<i>No further instructions</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**.

## 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 the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184.

## 4. Inspection and Tests

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

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



## **5. Warranty**

- 5.1 In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.
- 5.2 The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

## **6. Liability of the Supplier**

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

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

## ***Section V. Special Conditions of Contract***

### **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><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 <b>Davao del Sur State College, Brgy. Matti, Digos City</b>. 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 <b>Davao del Sur State College, Brgy. Matti, Digos City</b>. 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 <b>PROF. MARK JUDE F. TRONDILLO</b>.</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:</p> <ol 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> </ol>

- 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.

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:

1. 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
2. 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 costs 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 two (2) years.

Spare parts or components shall be supplied as promptly as possible, but in any case, within two (2) months of placing the order.

	<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> <p>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</p>
	<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	The payment shall be upon completion of the delivery.
4	The inspection and test that will be conducted is: <i>Performance Testing</i>

## *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	<b>SUPPLY, DELIVERY AND INSTALLATION OF COFFEE AND CACAO PROCESSING EQUIPMENT</b>	1 LOT	\ Php 3,645,851.29	60 calendar days upon receipt of the Notice to Proceed
2	<b>SUPPLY, DELIVERY AND INSTALLATION OF COFFEE EQUIPMENT</b>	1 LOT	Php 200,000.00	60 calendar days upon receipt of the Notice to Proceed

## ***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.

In case of Renewal of Regular and Recurring Services, the Procuring Entity must indicate here the technical requirements for the service provider, which must include the set criteria in the conduct of its performance evaluation.

# Technical Specifications

				<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 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>
<b>Technical Specifications</b>	<b>Qty</b>	<b>ABC</b>	<b>Bidders Offer/Technical Specification</b>	
<b>SUPPLY, DELIVERY AND INSTALLATION OF COFFEE AND CACAO PROCESSING EQUIPMENT</b>  With the following breakdown:	1 Lot	Php 3,645,851.29		
<b>A. ONE (1) UNIT FLOOR TYPE LABORATORY SCALE SMALL SPRAY DRYER</b> Technical Specifications: Chamber material: High borosilicate glass Water evaporation: 1500ML Minimum feed quantity: 80ML Drying chamber (mm ) : ₱ 300				

<p>Maximum intake Temperature: ~250 C (adjustable)  Hot air condition: Air Supply  Heater capacity: 3kw  Blower [power(kw), air volume (m /min)] : [0.25,9.5m/Min]  Compressor [power (kw), air volume (L /min)]: [0.58, 108 LPM]  Electric power (kw): 4kw  Outline size (mm) (l×w×h): 800×600×1300  Power supply: 220V/50Hz</p> <p>Additional Requirements:  - 7-8 KVA AVR Servo Type Long and Short Delay must be provided  -Supplier Must have Readily available Service Engineer base in Mindanao With attached I.d to show off  -Offer MUST include Installation, Commissioning and training  -( 1 ) One Year Warranty on Parts and Services upon normal use of Instruments</p>				
<p><b>B. ONE (1) UNIT 2.5L (-50°C) BENCHTOP FREEZE DRYER WITH STAINLESS STEEL COIL AND COLLECTOR</b></p> <p>Technical Specifications  Collector Temperature: -50°C, -58°F  Conformance: CAN/CSA C22.2, UL  Ice Holding Capacity: 2.5L  Electrical Plug Type: Philippines  Style: Benchtop  Vacuum Pump Displacement Required: 98 L/min or larger displacement  Weight metric: 54.4 kg  Dimensions metric: 36.8 w x 48.8 d x 42.9 h cm  Electrical: 220V</p> <p>Features  Upright Stainless steel collector coil capable of holding 2.5L of ice before defrosting.  Collector lid, ¾” thick, has neoprene gasket and 3 dia.  Compact benchtop design with a small footprint.  Brushed stainless steel and glacier white, powder coated \ steel exterior  Full color, 5" capacitive touch screen  OS: – Real time display of collector temperature, vacuum level and optional End-Zone end point detection  Start-up mode for collector cool-down and vacuum pull-down (automatic or manual).</p>				

<p>Operating mode (standby or run)  Vacuum set point, alerts, diagnostic tests, user manual, defrost control, and optional drying accessory parameters.  Data logging stores and displays data in table or graph format, and may be exported via USB  Alerts are programmable to send via Ethernet connection to entered email addresses  Display settings include brightness, touch sounds (on/off), and screen time out in minutes (on/off).  Maintenance alert settings for vacuum pump oil change, Refrigeration cleaning, total operating hours and line voltage offset.  Level-specific security lock-out prevents changes to programs and other system parameters,  USB port and Ethernet connection  Hot gas defrost auto shut off at 600C (+1400F)  On/standby switch.  Moisture sensor that prevents refrigeration or vacuum start-Up when moisture is detected in the drain line.  Vacuum control valve that maintains vacuum level set point.  Vacuum break valve that bleeds air into the system when power to the freeze dryer or vacuum pump is shut off. If a power outage less than approximately 5 minutes occurs, the freeze dryer will restart and the refrigeration and vacuum system will resume operation once power is restored. If the power failure is more than approximately 5 minutes and the collector warms above safe limits, the freeze dryer will not automatically restart.  Side-mounted USB port and rear-mounted Ethernet connection.  Side-mounted, quick-disconnect drain hose fitting and lanyard with hose connector. 18", 1/4" ID silicone tubing and clamp included.  Rear-mounted electrical receptacle for vacuum pump connection.  3-wire electrical cord with plug.  Vacuum control valve  Vacuum break valve  Moisture sensor  Stainless steel and powder-coated steel exterior  Quick-disconnect drain hose fitting with hose connector.  Electrical receptacle for vacuum pump connection</p>				
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<p>3/4" OD vacuum connection, 50" of 3/4" ID vacuum hose and two clamps</p> <p>Package Included: Includes: 1 unit Scroll Vacuum Pump, 103 liters/min, 230V, 50/60Hz 1 pc. Clear Chamber with 8Valves, Tall, 12.0 " dia. x 23.0 " h 1 pc. Product Shelves, Tall, 5 shelves, 10.0 " dia. x 17.5 " h 8 pcs. 150 ml Complete Freeze Flask 8 pcs. Freeze 45° Adapter (Stainless Steel) 1 pack 10 ml Serum Bottle (20mm corkage), pkg. of 100 1 pack Split Rubber Stopper (20mm corkage), pkg. of 100 1 pack Tear-Away Aluminum Seal (20mm corkage), pkg. of 100 1 pc. Mini Stoppering Chamber</p> <p>Additional Requirements: - 3-4 KVA AVR Servo Type Long and Short Delay must be provided - Suppliers must provide certificate of exclusive /Authorized distributorship of the product. -Supplier Must have Readily available Service Engineer base in Mindanao With attached I.d to show off -Offer MUST include Installation, Commissioning and training -( 1 ) One Year Warranty on Parts and Services upon normal use of Instruments</p>				
<p><b>C. ONE (1) UNIT WATER RETORT</b> Technical Specifications: Outside Dimensions: W602×D679×H1064mm Inside Dimensions: Φ360 x D620 (Effective volume : 63 liters) Net Weight: approx. 120kg Power Supply: AC200V Single phase 5kW (25A) Pressure Vessel Category: Small sized pressure vessel Chamber Material: Stainless steel (SUS304) Sterilization Temperature Range: Mode 1 : 100 - 125°C Variable, Mode 2 and 3 : 70 - 125°C Variable F -value setting range: 1 - 99, Reference temp. 121.1°C, Calculation start temp. 100°C, Addition value display method (Mode 1) Sterilization timer: 1 - 250 min The remaining time is displayed (Modes 2 and 3) Z-value: 10°C fixed</p>				

<p>Pressurization force: OFF • 30 - 100kPa  Variable, (Add to saturated vapor pressure at set sterilization temperature)  Cooling timer: 10 - 250 min The remaining time is displayed  Programmable auto-start timer: 1 min later to 1 week later, The start time is set  Maximum working pressure: 0.235MPa  Thermometer: Chamber temperature : Digital display 5 - 129°C / Core temperature : Digital display 45 - 129°C  Pressure gauge: Analog display 0 - 0.4 MPa  Loading Capacity: 15 trays in 3 wire baskets  Loading Capacity by bags: 250-1000ml for 15-45 pouches</p> <p>Features:</p> <ul style="list-style-type: none"> <li>- F-value control (indicates the safety of retort food)</li> <li>- A movable sensor that measures the internal temperature and F-value of the sampling</li> </ul> <p>Operation process by mode:</p> <ul style="list-style-type: none"> <li>- Mode 1 (F-value control) : Standby→ Heating/Pressurization→ Sterilization(Cooking)→ F-value→ Shower cooling→ Drainage→ Completion</li> <li>- Modes 2 and 3 (Time control):Standby→ Heating/Pressurization→ Sterilization(Cooking)→ Shower cooling→ Drainage→ Completion</li> <li>- Clock: 24-hour system clock, Date and time are alternately displayed</li> </ul> <p>Safety devices and alarms:</p> <ul style="list-style-type: none"> <li>- Pressure safety valve, Earth leakage and over current breaker, Low water cut off device</li> <li>- Error display: Low water heating, Temperature sensor wire disconnection, Over temperature, Over pressure, Abnormality in the lid lock</li> </ul> <p>Power supply connection terminal: Ring terminal (cord length 3.6m)</p> <p>Package Inclusions:</p> <ul style="list-style-type: none"> <li>- Pack Adapter x5</li> <li>- Packing for pack adapter x100</li> <li>- Gasket for pack adapter x5</li> <li>3 pcs. Stainless steel wire basket (Φ330xH195)</li> <li>1 pc. Bottom plate</li> <li>1 pc. Pressure gauge for water pressure measurement</li> <li>1 set water supply piping parts</li> <li>15 sets Tray (SUS)</li> <li>1 pc. Printer</li> </ul>				
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<p>Installation Requirements:  Power Supply: AC200V, Single phase, 25A or more  Water Supply: Water supply port : 3/8" female thread, Connect it to the water supply facility having water pressure of 0.23-0.40MPa and flow rate of 6ℓ/ min or more.  Drainage: Drain outlet : 3/8" female thread, Connect it to drainage facility with a heat-resistant and pressure-resistant hose.</p> <p>Additional Requirements:  - All functions MUST use and operate English language  - 6-8 KVA AVR Servo Type Long and Short Delay must be provided  - Suppliers must provide certificate of exclusive /Authorized distributorship of the product.  - Supplier Must have Readily available Service Engineer base in Mindanao With attached I.d to show off  - Offer MUST include Installation, Commissioning and training  - ( 1 ) One Year Warranty on Parts and Services upon normal use of Instruments</p>				
<p><b>D. ONE (1) UNIT VACUUM PACKAGING-SEALING MACHINE</b></p> <p>Technical Specifications:  Structure: Stainless steel  Weight: 32 kg  Sealing Length: 450 mm  Sealing Width: 10 mm  Vacuum creation: Compressed air ejector  Vacuum Capacity: 5m<sup>3</sup>/h  Productivity format (A4): 3000 pcs/day  Maximum vacuum: 86 Kpa  Energies: 220VAC 1.7KW / Air 6 bars</p> <p>Features:  - Shelf adjustable in height over 15 cm  - LCD screen indicating the operation (current vacuum value) and status cycle counter  - Complete cycle automatically managed by the program (vacuum - (gas) - sealing - cooling)  - The nozzle automatically moves back if there is no work for 60 seconds after the start of the vacuum process.  - The upper sealing bar rises automatically after 2 seconds if the sealing process does not start.  - Safety sensor ensuring the lifting of the sealing bar when a finger, an object or a foreign</p>				

<p>material is positioned between the 2 sealing bars.</p> <ul style="list-style-type: none"> <li>- Different programming modes: <ul style="list-style-type: none"> <li>- Sealing Only</li> <li>- Vacuum + sealing</li> <li>- Optional vacuum + gas injection + sealing</li> </ul> </li> <li>- Vacuum modes: <ul style="list-style-type: none"> <li>- Programmable in vacuum value( kpa)</li> <li>- Programmable in time (sec.)</li> <li>- Sealing programmable in time (0 - 2.5 sec.)</li> <li>- Cooling programmable in time (0 - 5 sec.)</li> </ul> </li> </ul> <p>Additional Requirements:</p> <ul style="list-style-type: none"> <li>- All functions MUST use and operate English language</li> <li>- 3 KVA AVR Servo Type Long and Short Delay must be provided</li> <li>- Suppliers must provide certificate of exclusive /Authorized distributorship of the product.</li> <li>- Supplier Must have Readily available Service Engineer base in Mindanao With attached I.d to show off</li> <li>- Offer MUST include Installation, Commissioning and training</li> <li>- ( 1 ) One Year Warranty on Parts and Services upon normal use of Instruments</li> </ul>				
<p><b>E. ONE (1) UNIT ULTRA LOW FREEZER -86°C</b></p> <p>Technical Specifications:</p> <p>Type Ultra-Low Freezer, Upright</p> <p>Capacity (English) 14.9 cu. ft.</p> <p>Capacity (Metric) 422 L</p> <p>Temperature Range -50°C to -86°C</p> <p>Door Style Outer (1), Inner (4)</p> <p>No. of Doors 1</p> <p>Inner Doors 4</p> <p>Insulation Vacuum Insulation Panels (VIP) + Water-Blown Polyurethane Foam (SNAP-compliant)</p> <p>Interior Stainless Steel</p> <p>Shelves 3</p> <p>Capacity Shelf 57 kg (125 lb)</p> <p>Certifications/Compliance cULus Style Upright</p> <p>Display HIC 5.6 in. 7-segment display with capacitive touch buttons</p> <p>Defrost Manual</p> <p>Monitoring Options Alarm, Recorder Setpoint</p> <p>Security Yes</p> <p>Connectivity External Monitoring/Cloud</p>				



<p>Compatible; 4-20mA, RS485, Dry Contacts Smart View Compatibility Smart-Vue Compatible Amperage 5.6/15 A Plug Type NEMA 6-15 Electrical Requirements 208 - 230 V 60 Hz Green Features Energy Efficient Vial Capacity 30,000 x 2mL Compressor H-drive Refrigerant R290 (1st stage), R170 + R290 mix (2nd stage) Holds 2 in. Boxes (300) Rack Capacity 6</p> <p>Includes: -3KVA AVR Servo Type Long and Short Delay must be provided</p> <p>Additional Requirements: -Suppliers must provide certificate of exclusive /Authorized distributorship of the product. -Supplier Must have Readily available Service Engineer base in Mindanao With attached I.d to show off -Offer MUST include Installation, Commissioning and training -( 1 ) One Year Warranty on Parts and Services upon normal use of Instruments</p>				
<p><b>F. ONE (1) UNIT STONE OR BALL GRINDER</b> Technical Specifications: Capacity: 2L Volume of Each Capacity: 50~500ml Pot Quantity: 4pcs Running Time Range: 1~9999min Reciprocal Running Time: 1~999min Adjustable Speed Revolution: 35~335rpm Adjustable Speed Rotation: 70~670rpm Noise: 60±5dB Speed Control Mode: Frequency Control Transmission Mode: Gear Drive Working Mode: 2 or 4 pots can be used each time Maximum Sample Volume (material + grinding ball): 2/3 of the volume of the ball mill tank Feed Size: Soft and Crispy material&lt;10mm, Other materials&lt;3mm Out-put Granularity: Minimum Granularity can be reached to 0.1um</p>				

<p>Adjusting Mode of Rotate Speed: Frequency converter with stepless speed regulation Consumption: 0.75KW Power Supply: AC110/220V±10%, 50/60HZ External Size(W*D*H): 770*470*570mm Net Weight(kg): 93</p> <p>Features: - 3D curve shaped design - Special gear with low noise</p> <p>Package Inclusions: - Fora ball mill with a capacity of 2L - Base holder - 4 pcs. Pots - 2-3in Balls (suitable for food processing) - All spare parts</p> <p>Additional Requirements: - 1-2 KVA AVR Servo Type Long and Short Delay must be provided - Suppliers must provide certificate of exclusive /Authorized distributorship of the product. - Supplier Must have Readily available Service Engineer base in Mindanao With attached I.d to show off -Offer MUST include Installation, Commissioning and training     -( 1 ) One Year Warranty on Parts and Services upon normal use of Instruments</p>				
<p><b>SUPPLY, DELIVERY AND INSTALLATION OF COFFEE EQUIPMENT</b></p> <p><b>With the following breakdown:</b></p>	<p><b>1 Lot</b></p>	<p><b>Php 200,000.00</b></p>		
<p><b>A. ONE (1) UNIT pH METER</b></p> <p>Technical Specifications: pH measuring range: 0 – 14 pH resolution: 0.01 pH accuracy: ±0.01 mV measuring range: 0 – 0 mV resolution: 1 mV accuracy: ±1 mV measuring range: -1,999.000–1,999.000 Parameter: pH, ORP Channel: Single-phase Sensor: LE427 IP67 Temperature accuracy: ±0.5 °C Memory size: 200 measurements Protection Rating: Watertight and dustproof (IP67)</p>				

<p>Dimensions: 188 x 77 x 33 mm  Display Type: 3.1" Segmented LCD, b/w  Sensor Included: Sensor for solid samples  Connectors: BNC, Cinch / RCA  Temperature resolution: 0.1 °C  Temperature Range: 0 °C – 100 °C  Weight: 260g  Meter Type: Portable Single-Channel</p> <p>Package Inclusions:  2 pcs. Clip covers  4 pcs. Sample bottles (50ml)  - Wrist strap  - Carrying case</p> <p>Additional Requirements:  - A product manual should be provided with complete details  - With at least one (1) year after-sales warranty service upon normal use of instruments</p>				
<p><b>B. ONE (1) UNIT TOTAL DISSOLVED SOLIDS (TDS) METER</b></p> <p>Technical Specifications:  Parameter: TDS, Conductivity, Salinity  TDS Range: 0-10.00,100.0, 1000ppm, 10.00, 200.0ppt  TDS Accuracy: ±1%F.S.  TDS Resolution: 0.01,0.1,1  TDS Factor: 0.1-1.0 (default 0.5)  Temperature Range:0-105°C/32-221°F  Temperature Accuracy: ±0.5°C/±0.9°F  Temperature Resolution: 0.1°C/0.1°F  Temperature Offset Calibration: 1point, reading ±10°C</p> <p>Temperature Compensation: 0~100°C, manual or automatic  Temperature Coefficient: Linear (0.0~10.0%/°C), non-linear, pure water  Reference Temperature: 20/25°C  Cell Constant: K=0.1, 1, 10  Stability Criteria: Low or high</p> <p>Display: Custom LCD (80*60mm)  Power Requirements: 3x 1.5V AA batteries or DC5V power adapter  Battery Life: Approximately 150 hours (Turn off the backlight)  Dimensions: 170*85*30mm  Weight: 300g</p>				

<p>Features:</p> <ul style="list-style-type: none"> <li>- 1 to 5 points calibration with automatic recognition for conductivity standards.</li> <li>- Automatic electrode diagnosis shows the calibration points and factors</li> <li>- Selectable cell constant, reference temperature, TDS factor, linear and pure water compensations, seawater and practical salinity measurement modes.</li> <li>- Automatic temperature compensation ensures accurate readings over the entire range.</li> <li>- Auto-Read function senses and locks the measurement endpoint.</li> <li>- Calibration due alarm prompts user to calibrate the meter regularly</li> <li>- Auto-Power Off effectively conserves battery life.</li> <li>- Setup menu allows setting the number of calibration points, stability criteria, temperature unit, date and time, etc.</li> <li>- Reset function automatically resumes all settings back to the factory defaults.</li> <li>- Expanded memory stores or recalls up to 500 data sets.</li> <li>- USB communication interface is easy to transfer data to PC.</li> <li>- Multi-mode powerscheme (batteries, power adapter and USB port) ensures that using the meter smoothly.</li> </ul> <p>Package Inclusions:</p> <ul style="list-style-type: none"> <li>- Connector (6-pin mini-DIN, 3.5mm jack socket)</li> </ul> <p>Additional Requirements:</p> <ul style="list-style-type: none"> <li>- A product manual should be provided with complete details <ul style="list-style-type: none"> <li>- With at least one (1) year after-sales warranty service upon normal use of instruments</li> </ul> </li> </ul>				
<p><b>B. ONE (1) UNIT TOTAL DISSOLVED SOLIDS (TDS) METER</b></p> <p>Technical Specifications:</p> <p>Parameter: TDS, Conductivity, Salinity</p> <p>TDS Range: 0-10.00, 100.0, 1000ppm, 10.00, 200.0ppt</p> <p>TDS Accuracy: ±1%F.S.</p> <p>TDS Resolution: 0.01, 0.1, 1</p>				

<p>TDS Factor: 0.1-1.0 (default 0.5)  Temperature Range:0-105°C/32-221°F  Temperature Accuracy: ±0.5°C/±0.9°F  Temperature Resolution: 0.1°C/0.1°F  Temperature Offset Calibration: 1point, reading ±10°C</p> <p>Temperature Compensation: 0~100°C, manual or automatic  Temperature Coefficient: Linear (0.0~10.0%/°C), non-linear, pure water  Reference Temperature: 20/25°C  Cell Constant: K=0.1, 1, 10  Stability Criteria: Low or high</p> <p>Display: Custom LCD (80*60mm)  Power Requirements: 3x 1.5V AA batteries or DC5V power adapter  Battery Life: Approximately 150 hours (Turn off the backlight)  Dimensions: 170*85*30mm  Weight: 300g</p> <p>Features:</p> <ul style="list-style-type: none"> <li>- 1 to 5 points calibration with automatic recognition for conductivity standards.</li> <li>- Automatic electrode diagnosis shows the calibration points and factors</li> <li>- Selectable cell constant, reference temperature, TDS factor, linear and pure water compensations, seawater and practical salinity measurement modes.</li> <li>- Automatic temperature compensation ensures accurate readings over the entire range.</li> <li>- Auto-Read function senses and locks the measurement endpoint.</li> <li>- Calibration due alarm prompts user to calibrate the meter regularly</li> <li>- Auto-Power Off effectively conserves battery life.</li> <li>- Setup menu allows setting the number of calibration points, stabilitycriteria,temperature unit, date and time, etc.</li> <li>- Reset function automatically resumes all settings back to the factory defaults.</li> <li>- Expanded memory stores or recalls up to 500 data sets.</li> <li>- USB communication interface is easy to transfer data to PC.</li> </ul>				
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<p>- Multi-mode powerscheme (batteries, power adapter and USB port) ensures that using the meter smoothly.</p> <p>Package Inclusions:  - Connector (6-pin nimi-DIN, 3.5mm jack socket)</p> <p>Additional Requirements:  - A product manual should be provided with complete details  - With at least one (1) year after-sales warranty service upon normal use of instruments</p>				
<p><b>D. ONE (1) UNIT WATER ACTIVITY METER</b></p> <p>Technical Specification  Working Temp. -10°C~50°C  Working Humidity 0~95%RH  Display LCD display  Measuring Temperature -10°C~50°C  Range Water Activity 0~1.000  Measurement Temperature ±0.5°C  Accuracy Water Activity ±0.015 (@25°C) ±0.012 (@23°C±5°C)  Measurement Time 5~40min  Measurement Points 1~4  Temperature Coefficient ≤0.0005/°C  Activity Repeatability ≤0.008  Multi-point joint calibration, single-point calibration  Interface RS232, USB  Standard Accessories Data cable, micro printer, one sensor  Consumption 10W  Power Supply AC110/220V±10%, 50/60HZ  Feature:  1. The measured object is unlimited, liquid solids and powder etc  2. Chemical resistant.</p> <p>Additional Requirements:  -Supplier Must have Readily available Service Engineer base in Mindanao With attached I.d to show off  -Offer MUST include Installation, Commissioning and training  -( 1 ) One Year Warranty on Parts and Services upon normal use of Instruments</p>				
<p><b>E. ONE (1) UNIT COFFEEMAKER</b></p> <p>Technical Specifications:  Brew Capacity: 0.8L  Power: 220V 1.2kW</p>				

<p>Dimensions: 12 1/2" x 7 1/2" x 13" Inches High</p> <p>Features:</p> <ul style="list-style-type: none"> <li>- Pre-infusion</li> <li>- Contact time of water and coffee</li> <li>- Heating water to the Specialty Coffee Industry target temp (197.6F-204.8F)</li> <li>- Hot Plate keeps the coffee warm without burning or compromising flavor. Hot Plate shuts off automatically after 90- minutes.</li> </ul> <p>Package Inclusions:</p> <ul style="list-style-type: none"> <li>- Coffeemaker</li> <li>- Filters</li> <li>- Glass coffeemaker cover</li> <li>- Coffeemaker cleaner</li> <li>- Brew Clip</li> </ul> <p>Additional Requirements:</p> <ul style="list-style-type: none"> <li>- A product manual should be provided with complete details</li> <li>- Easy process of return and exchange request <ul style="list-style-type: none"> <li>- With at least one (1) year after-sales warranty service upon normal use of instruments</li> </ul> </li> </ul>				
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## ***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) **in accordance with Section 8.5.2 of the IRR;**

#### Technical Documents

- (b) 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**
- (c) 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**
- (d) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission **or** Original copy of Notarized Bid Securing Declaration; **and**
- (e) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; **and**
- (f) 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

- (g) 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*

- (h) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence **or** duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

## II. FINANCIAL COMPONENT ENVELOPE

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

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

- (k) [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.
- (l) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

