



**Bureau of Soils and Water Management**  
**PHILIPPINE BIDDING DOCUMENTS**  
(As Harmonized with Development Partners)

**Supply and Delivery of various**  
**Chemicals, Laboratory Supplies**  
**and Laboratory Reference**  
**Materials for CY 2023**

**IB NO: BSWM-2023-03-027**

**Date issued**  
**March 2023**

**PHILIPPINE BIDDING DOCUMENTS**

# Procurement of GOODS

Government of the Republic of the Philippines

**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.



Republic of the Philippines  
Department of Agriculture  
**BUREAU OF SOILS AND WATER MANAGEMENT**  
SRDC Bldg., Elliptical Road corner Visayas Avenue,  
Diliman, Quezon City 1101

## **INVITATION TO BID**

### **Supply and Delivery of various Chemicals, Laboratory Supplies and Laboratory Reference Materials for CY 2023- IB NO: BSWM-2023-03-027**

1. The Bureau of Soils and Water Management (BSWM), through the **General Appropriation Act for CY 2023** intends to apply the sum of:

**Lot 1- Supply and Delivery of various Chemicals in the amount of Fourteen Million Four Hundred Thirty-One Thousand Three Hundred Sixty Pesos (Php 14,431,360.00);**

**Lot 2- Supply and Delivery of various Laboratory Supplies in the amount of Nineteen Million Eight Hundred Twenty-Three Thousand Eight Hundred Ninety-Two Pesos (Php 19,823,892.00); and**

**Lot 3- Supply and Delivery of various Laboratory Reference Materials in the amount of One Million Eight Hundred Sixty-Four Thousand Four Hundred Pesos (Php 1,864,400.00).**

being the approved budget for the contract (ABC) to payments under the contract for **Supply and Delivery of various Chemicals, Laboratory Supplies and Laboratory Reference Materials for CY 2023- IB NO: BSWM-2023-03-027**. Bids received in excess of the ABC shall be automatically rejected at bid opening.

2. The BSWM now invites bids for the above Procurement Project. **Delivery of the Goods is required within 60 calendar days upon receipt of NTP.** Bidders should have completed, **within five (5) consecutive years** from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

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 5183.

4. Prospective Bidders may obtain further information from BSWM – Bids and Awards Committee (BAC) Secretariat's Office and inspect the Bidding Documents at the given address during **MONDAY TO FRIDAY, 8:00AM TO 5:00PM EXCEPT ON DECLARED HOLIDAYS OR WORK SUSPENSION.**
5. A complete set of Bidding Documents may be acquired by interested Bidders on **March 20-April 12, 2023, 3:00PM** from the given address and website and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of:

Lot 1- Php 14,400.00  
Lot 2- Php 19,800.00  
**Lot 3- Php 1,900.00**

The Procuring Entity shall allow the bidder to present its proof of payment for the fees to BAC Secretariat on or before the deadline of Submission and Opening of Bids.

6. The BSWM will hold a **Pre-Bid Conference** on **March 30, 2023, 9:30AM at BSWM Convention Hall** and shall be open to prospective bidders. Pre-Bid Conference will be available “live” thru **BSWM Procurement Service Facebook Page (FB) Page (<https://www.facebook.com/bswmpms>)**. Furthermore, all interested bidders can participate through videoconferencing. Please coordinate with BAC Secretariat at least a day before the meeting at [bac@bswm.da.gov.ph](mailto:bac@bswm.da.gov.ph) .
7. **Bids must be duly received** by the BAC Secretariat through manual submission at the office address indicated below on or before **April 13, 2023, 9:00AM**. 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 16.
8. **Bid opening shall be on April 13, 2023, 9:30AM** at the at **BSWM Convention Hall**, 2nd Floor, SRDC Bldg., Visayas Ave. Cor. Elliptical Road, Diliman, Quezon City and through videoconferencing/webcasting via ZOOM and streamed live through BSWM Procurement Service FB Page. Bids will be opened in the presence of the bidders’ representatives who choose to attend the activity.

During the opening of bids, bidder’s representative must present his/her company identification card and authorization letter from the head of the company.

10. Schedules of the above-mentioned bidding is subject to change due to the Community Quarantine enforced by the government in line with the COVID-19 pandemic. Please refer to the BSWM PhilGEPS posting for updates (<https://www.philgeps.gov.ph/>) and BSWM Procurement Service FB Page (<https://www.facebook.com/bswmpms>).
11. The BSWM reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
12. For further information, please refer to:  
FRANCE JOSEPHINE C. BAUTISTA  
BIDS AND AWARDS COMMITTEE SECRETARIAT’S OFFICE  
2ND FLOOR, SRDC BLDG.,  
VISAYAS AVE. COR. ELLIPTICAL ROAD, DILIMAN, QUEZON CITY  
TELEFAX NUMBER: +63-2-8273-2474 loc 3218  
EMAIL ADDRESS: [bac@bswm.da.gov.ph](mailto:bac@bswm.da.gov.ph) or [bswm.bacsec@gmail.com](mailto:bswm.bacsec@gmail.com) WEBSITE: [www.bswm.gov.ph](http://www.bswm.gov.ph)  
FB Page: <https://www.facebook.com/bswmpms>

You may visit the following websites:

For downloading of Bidding Documents:

PhilGEPS- <https://notices.philgeps.gov.ph/>, BSWM Website- [www.bswm.gov.ph](http://www.bswm.gov.ph) or BSWM Procurement Service Facebook Page- <https://www.facebook.com/bswmpms> .

March 16, 2023

**DENISE A. SOLANO**  
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, ***Bureau of Soils and Water Management*** wishes to receive Bids for the ***Supply and Delivery of various Chemicals, Laboratory Supplies and Laboratory Reference Materials for CY 2023- IB NO: BSWM-2023-03-027.***

The Procurement Project (referred to herein as “Project”) is composed of ***3 Lots***, the details of which are described in Section VII (Technical Specifications).

## 2. Funding Information

2.1. The GOP through the source of funding as indicated below for ***CY 2023*** in the amount of:

***Lot 1- Supply and Delivery of various Chemicals in the amount of Fourteen Million Four Hundred Thirty-One Thousand Three Hundred Sixty Pesos (Php 14,431,360.00);***

***Lot 2- Supply and Delivery of various Laboratory Supplies in the amount of Nineteen Million Eight Hundred Twenty-Three Thousand Eight Hundred Ninety-Two Pesos (Php 19,823,892.00); and***

***Lot 3- Supply and Delivery of various Laboratory Reference Materials in the amount of One Million Eight Hundred Sixty-Four Thousand Four Hundred Pesos (Php 1,864,400.00).***

2.2. ***General Appropriation Act for CY 2023.***

## 3. Bidding Requirements

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

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

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

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

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

## 5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. Foreign ownership limited to those allowed under the rules may participate in this Project.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:
  - a. ~~For the procurement of Non-expendable Supplies and Services: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC~~
  - b. For the procurement of Expendable Supplies: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least twenty-five percent (25%) of the ABC**
  - c. ~~For procurement where the Procuring Entity has determined, after the conduct of market research, that imposition will likely result to failure of bidding that will defeat the purpose of public bidding: the Bidder should comply with the following requirements:~~
    - i. ~~Completed at least two (2) similar contracts, the aggregate amount of which should be equivalent to at least fifty percent (50%) of the ABC for this Project (Php 44,550,000.00); and~~
    - ii. ~~The largest of these similar contracts must be equivalent to at least half of the percentage of the ABC as required above (Php 22,275,000.00).~~
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

### 1. 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.

### 2. Subcontracts

- 2.1. 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:

**Subcontracting is not allowed.**

- 2.2. ~~*[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.
- 2.3. ~~*[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.
- 2.4. 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.

### **3. Pre-Bid Conference**

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

### **4. 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.

### **5. Documents comprising the Bid: Eligibility and Technical Components**

- 5.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 5.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within **five consecutive years** prior to the deadline for the submission and receipt of bids.
- 5.3. 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.

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

- 6.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 6.2. 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.
- 6.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 6.4. 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.

## **7. Bid Prices**

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

## 8. Bid and Payment Currencies

- 8.1. 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.
- 8.2. Payment of the contract price shall be made in:

Philippine Pesos.

## 9. Bid Security

- 9.1. 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**.
- 9.2. 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.

## 10. 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.

## 11. Deadline for Submission of Bids

- 11.1. 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**.

## 12. Opening and Preliminary Examination of Bids

- 12.1. 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,

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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.

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.

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

### **13. Domestic Preference**

- 13.1. 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.

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

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

- 14.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.

- 14.3. 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.

#### **14.4. The Project shall be awarded as follows:**

***1 project having several lots that shall be awarded per line-item basis.***

- 14.5. 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.

## **15. Post-Qualification**

15.1. 20.2. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

## **16. Signing of the Contract**

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:

Information that specifies and complements provisions of the ITB must be incorporated.

Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.

# Bid Data Sheet

ITB Clause	
5.3	<p>For this purpose, contracts similar to the Project shall be:</p> <ul style="list-style-type: none"> <li><i>a. Contract on Supply and Delivery of various Chemicals, Laboratory Supplies and Laboratory Reference Materials.</i></li> <li><i>b. completed within <u>five consecutive years</u> prior to the deadline for the submission and receipt of bids.</i></li> </ul>
7.1	<b><i>SUB CONTRACTING- NOT APPLICABLE</i></b>
12	The price of the Goods shall be quoted DDP [ <i>state place of destination</i> ] or the applicable International Commercial Terms (INCOTERMS) for this Project.
14.1	<p>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <ul style="list-style-type: none"> <li><i>a. The amount of <b>not less than two percent (2%) of ABC</b>, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or</i></li> <li><i>b. The amount of <b>not less than five percent (5%) of ABC</b> if bid security is in Surety Bond.</i></li> </ul> <p style="text-align: center;"><b>NOTE: Bidders SHALL use ATTACHED template of Bid Securing Declaration.</b></p> <p style="text-align: center;"><b>Other forms of Bid Securing Declaration will NOT BE ACCEPTED and SHALL BE RATED "FAILED".</b></p>
19.3	<b><i>Supply and Delivery of various Chemicals, Laboratory Supplies and Laboratory Reference Materials for CY 2023- IB NO: BSWM-2023-03-027</i></b>
20.2	<b><i>[List here any licenses and permits relevant to the Project and the corresponding law requiring it.]</i></b>
21.2	<b><i>[List here any additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity.]</i></b>

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

## 4. Inspection and Tests

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

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



## **5. Warranty**

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

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

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

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

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

### **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:

Information that complements provisions of the GCC must be incorporated.

Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

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

## Special Conditions of Contract

GCC Clause	
1	<p><i>[List here any additional requirements for the completion of this Contract. The following requirements and the corresponding provisions may be deleted, amended, or retained depending on its applicability to this Contract:]</i></p> <p><b>Delivery and Documents –</b></p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p><i>[For Goods supplied from abroad, state:]</i> “The delivery terms applicable to the Contract are DDP delivered <i>[indicate place of destination]</i>. In accordance with INCOTERMS.”</p> <p><i>[For Goods supplied from within the Philippines, state:]</i> “The delivery terms applicable to this Contract are delivered <i>[indicate place of destination]</i>. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).</p> <p>For purposes of this Clause the Procuring Entity’s Representative at the Project Site is <b><i>End-User Representative, Property Management Unit, and Inspection Committee.</i></b></p> <p><b><u>Supplier shall coordinate with the Property Management Unit for final schedule of services.</u></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: <i>Select appropriate requirements and delete the rest.</i></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> </ol>

d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and

e. training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

f. *[Specify additional incidental service requirements, as needed.]*

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

**Spare Parts –**

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

*Select appropriate requirements and delete the rest.*

a. such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and

b. in the event of termination of production of the spare parts:

i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and

ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.

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

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of **One Year**.

Spare parts or components shall be supplied as promptly as possible, but in any case, within **not more than Seven Calendar Days** 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> <ul style="list-style-type: none"> <li>Name of the Procuring Entity</li> <li>Name of the Supplier</li> <li>Contract Description</li> <li>Final Destination</li> <li>Gross weight</li> <li>Any special lifting instructions</li> <li>Any special handling instructions</li> <li>Any relevant HAZCHEM classifications</li> </ul>
	<p>A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.</p> <p><b>Transportation –</b></p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.</p> <p>Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.</p>

	<p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Supplier's 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	N/A
4	The inspections and tests that will be conducted are: <i>Inspection per conformity and compliance to technical specifications.</i>



	ADDRESS
<b>BSWM</b>	SRDC Building, Elliptical Road, corner Visayas Avenue, Diliman, Quezon City
<b>RSL CAR</b>	Ambuklao Rd., Gibraltar, Baguio City
<b>RSL I</b>	Ilocos Region Integrated Agricultural Laboratories, Tebag East, Sta. Barbara, Pangasinan
<b>RSL II</b>	Regional Government Center, Carig Sur, Tuguegarao City, Cagayan
<b>RSL III</b>	Capitol Compound, Sto. Nino, City of San Fernando, Pampanga 2000
<b>RSL IV-A</b>	Jose P. Laurel Highway, LARES Compound, Marawoy, Lipa City 4217, Batangas
<b>RSL- IV-B</b>	Regional Soils Laboratory, Barcenaga, Naujan, Oriental Mindoro
<b>RSL V</b>	#19 Del Rosario, Maharlika Highway, Naga City, Philippines
<b>RSL VI</b>	Department of Agriculture, Parola Street, Iloilo City Proper, Iloilo
<b>RSL VII</b>	CES Complex, Highway, Maguikay, Mandaue City
<b>RSL VII</b>	Brgy. 1 and 4, Libertad, Magsaysay Boulevard, Tacloban City
<b>RSL IX</b>	Corcuerra Ext., Port Area, Zone IV, Zamboanga City
<b>RSL X</b>	Antonio Luna St., Cagayan de Oro City, Misamis Oriental
<b>RSL XI</b>	F. Bangoy St., Agdao, Davao City, Philippines
<b>RSL XII</b>	Amas Reserach Experiment Station, Amas, Kidapawan City
<b>RSL XIII</b>	P-8, Taguibo, Butuan City, Agusan del Norte, 8600
<b>DA-BARMM</b>	Sinsuat Avenue, Cotabato City



## ***Section VII. Technical Specifications***

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

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

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

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

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

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

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

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

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

# Technical Specifications

Item	Specification	Statement of Compliance
<p><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></p>		

## Lot 1- Supply and Delivery of various Chemicals:

Item No.	Description	Quantity	
<b>2023-03-0434 LSD NSHP/NRP-PAEF-RICE</b>			
1	1000 ppm Calcium Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis	3	
2	1000 ppm Chloride Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis	1	
3	1000 ppm Copper Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis	3	
4	1000 ppm Iron Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis	3	
5	1000 ppm Magnesium Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis	3	
6	1000 ppm Manganese Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis	3	
7	1000 ppm Potassium Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis	4	
8	1000 ppm Sodium Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis	3	
9	1000 ppm Zinc Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis	3	
10	Activated Charcoal, AR, Phosphate free, 1kg/bottle	5	
11	Agar Powder, 500g/bottle, medium yellow cream to cream tan pH 5.5 to 7.5	3	
12	Ammonium Acetate, AR 98%, 500g/bott	1	
13	Ammonium Chloride, ACS reagent, ≥99%, 500g/bottle	1	
14	Ammonium Fluoride, AR grade, 500 g	5	
15	Ammonium hydroxide, conc., AR, 2.5 L/bot	1	
16	Ammonium Molybdate Tetrahydrate, AR, 500g, bottle	10	
17	Ammonium oxalate-crystal violet, ACS reagent, ≥90.0% anhydrous basis, 50g	1	
18	Amyl Alcohol, ≥99%, 1L/bottle	3	

19	Ascorbic acid, AR, 500g/bottle	6	
20	Barium Chloride Dihydrate, AR, 500g/btl	2	
21	BIOLOG Ecoplate, microplate with 3 sets of the same carbon sources 10 plates/box	5	
22	BIOLOG FF Microplate (Filamentous Fungi), microplate for Filamentous Fungi (10plates/box)	1	
23	BIOLOG GEN III Microplate (Bacteria), microplate for Bacteria,10 plates/box	1	
24	BIOLOG IF-A, used with Gen III plates, 20 tubes/box	2	
25	BIOLOG IF-B, used with Gen III plates, 20 tubes/box	2	
26	BIOLOG IF-IF, used with Gen III plates, 20 tubes/box	2	
27	BIOLOG YT Microplate (GenII for Yeast), microplate for Yeast, 10 plates/box	2	
28	Bismuth Sulphite Agar, for microbiology, 500g	1	
29	Borax anhydrous, 500g/bottle, anhydrous, ≥99%	1	
30	Boric Acid AR, 500g/bottle	1	
31	Brilliant green lactose bile broth, 500g, suitable for microbiology, NutriSelect® Basic	1	
32	Bromocresol green, AR, 5g/bottle	6	
33	Bromocresol purple, suitable for indicator, Dye content 90 % , 25g	1	
34	Bromothymol Blue, ACS reagent, Dye content 95%, 5g/bottle	1	
35	Bromothymol Blue Indicator, AR, 5g/bottle	5	
36	Calcium chloride, anhydrous, granular, ≥93%, 500g/bottle	2	
37	Calcium chloride dihydrate, AR, 500g/bottle	2	
38	Chlorophenol Red Indicator, AR, 5g/bottle	5	
39	Coliform Agar, for microbiology, pH 6.6-7.0, 500g	1	
40	Copper sulfate pentahydrate, AR, 500g/bottle	1	
41	Custom solution standard for ICP, in 5% v/v HNO <sub>3</sub> , 250ml Solution details: 1,000ug/ml Ca, Cu, Fe, Mg, Mn, K, Na, Zn.	1	
42	D-(+)- Glucose anhydrous, anhydrous, free-flowing, Redi-Dri™, ≥99.5% , 500g/bottle	2	
43	Di-potassium hydrogen phosphate, ACS reagent, 250g/bottle	1	
44	EC Broth, suitable for microbiology, 500g	1	
45	EC Conductivity Standard, NIST Traceable - 111.8 uS/cm, with COA	4	
46	EC Conductivity Standard, NIST Traceable - 12880 uS/cm, with COA	4	
47	EC Conductivity Standard, NIST Traceable - 1413 uS/cm, with COA	6	
48	EC Conductivity Standard, NIST Traceable - 147 uS/cm, with COA	6	
49	EC Conductivity Standard, NIST Traceable - 84 uS/cm, with COA	3	
50	Eosin-Methylene Blue Agar, suitable for microbiology, 500g	1	
51	Ethanol, AR, >95%, 2.5 L/bottle	41	
52	Ethanol, technical grade, 99%, 5gallon/ carboy	3	

53	Ferrous Sulfate Heptahydrate, ACS reagent, ≥99%, 250g/bottle	1	
54	Field CO2 Test Refill, CO2 probes for Digital Color Reader, 50 Packs/box	50	
55	Gum Acacia, 99% AR, 500 g/bottle	1	
56	Hydrochloric Acid (AR, 37% Concentrated, 2.5 L/bottle)	45	
57	Hydrochloric Acid (0.1 N, NIST Traceable with certificate of analysis, 1 L)	5	
58	Hydrogen Peroxide, AR, 30-50%, 500ml/bottle, with COA included, Supplier must have PNP required permits on Controlled Chemicals	6	
59	Iodonitrotetrazolium formazan, crystalline, AR, 1g/bottle	1	
60	Iodonitrotetrazolium chloride, used in colourimetric assays, 5g/bottle	1	
61	Lactophenol cotton blue, for microscopy, for staining molds, 100 ml	1	
62	Lanthanum Oxide, AR, Powder, 500g/btl	1	
63	Lauryl Tryptose Broth, for microbiology, ACS reagent, 500g	1	
64	Lugol's solution, Potassium iodide solution, for the Gram staining method, ACS reagent, 1L	1	
65	L-lysine Monohydrochloride, NIST Traceable with Certificate of Analysis AR, 100g/bottle	3	
66	Mac Conkey-Sorbitol ChromoSelect Agar, suitable for microbiology, 500g, composition: neutral red, 0.03 g/L, bile salts, 1.5 g/L, sodium chloride, 5 g/L, crystal violet, 0.001 g/L, proteose peptone, 3 g/L, agar, 13.5 g/L, peptone, 17 g/L, sorbitol, 10 g/L	1	
67	Magnesium Sulfate heptahydrate, ACS reagent, 500g/bottle	2	
68	Malic acid, 99%, 1kg/bottle	2	
69	Manganese Sulfate heptahydrate, ACS reagent, 500g/bottle	1	
70	Methyl Orange Indicator, 99% AR, 25 g/bottle	1	
71	Methyl Red, AR, 5g/bottle	1	
72	Muller-Kauffmann Tetrathionate Novobiocin Broth, for microbiology, ACS reagent, 500g	1	
73	N,N-dimethylformamide, ACS reagent, ≥99.8%, 500ml/bottle	1	
74	Nitrate (NO3) AAS Standard (NIST Traceable with COA -Nitrate AAS Standard, 500 mL/bottle capacity - 1000ppm concentration)	1	
75	Nitric Acid (AR, 2.5L/bottle >68%, with COA included, Supplier must have PNP required permits on Controlled Chemicals)	5	
76	Nutrient agar, 500g/bottle, tan, free-flowing, pellet, pH 6.8+/- 0.2, bottle	3	
77	Orthophosphoric Acid AR Grade; Liquid; Odorless; Completely Miscible; 1.685 g/cm3 density; >99% Purity), 2.5L/bottle	6	
78	Peptone, meat peptic digested, granulated, for microbiology, CAS 91079-38-8, pH 6 - 7 (20 g/l,	2	

	H <sub>2</sub> O, 20 °C). pH: 6 - 7 (20 g/l, H <sub>2</sub> O, 20 °C), 500g/bottle		
79	Peptone Enzymatic Digest of Casein, for biotechnological purposes 1kg, powder form	1	
80	pH Buffer Solution (NIST Traceable pH Buffer Solution with COA -pH 4.00 (colored buffer solution): 1L)	10	
81	pH Buffer Solution(NIST Traceable pH Buffer Solution with COA -pH 7.00 (colored buffer solution): 1L)	10	
82	pH Buffer Solution(NIST Traceable pH Buffer Solution with COA -pH 10.00 (colored buffer solution): 1L)	10	
83	Phenolphthalein, AR, 500g/bottle	1	
84	Potassium carbonate, ACS reagent, ≥99.0% , 500g/ bottle	2	
85	Potassium chloride, AR, 500g/btl	1	
86	Potassium Dichromate,99% AR, 500 g/bottle	5	
87	Potassium dihydrogen phosphate, powder, suitable for cell culture, suitable for insect cell culture, suitable for plant cell culture, ≥99.0%, 500g/bottle	1	
88	Potassium hydroxide, ACS reagent, ≥85%, pellets, 1kg/bottle	2	
89	Potassium Phosphate dibasic, ACS Reagent, ≥98%, 500g/bottle	1	
90	Potassium Phosphate monobasic, ACS Reagent, ≥99%, 500g/bottle	1	
91	Potassium Sulfate, AR, 500g/bottle	2	
92	Potato Dextrose Agar, suitable for microbiology, 500g/bottle	2	
93	Primer and probe set, 2 primers and 1 probe/set, synthesis of specific oligonucleotide DNA sequence (15-30 bp)	5	
94	Rappaport Vassiliadis Soy broth, for microbiology, 500g	1	
95	Rose bengal, Dye content 95 %, 5g/bottle	1	
96	RT-qPCR Master Mix, suitable for qPCR, suitable for RT-qPCR, sufficient for 100 reactions	4	
97	Safranin solution dye, biological stain, 25g	1	
98	Sodium Chloride, AR grade, 500g/bottle	1	
99	Sodium Hexametaphosphate, AR, 500g, bottle	5	
100	Sodium hydroxide, AR, 500g/btl	16	
101	Sodium molybdate, ≥98%, 100g/bottle	1	
102	Sodium Nitrite, AR, 500g/bottle	30	
103	Soil DNA Extraction Kit, 50 preps, For the isolation of microbial genomic DNA from all soil types, 50 preps/kit	3	
104	Sucrose Standard (NIST Traceable with COA Sucrose Standard, 100g/bottle)	1	
105	Sulfate (SO <sub>4</sub> ) AAS Standard (NIST Traceable with COA- Standard - Sulfate (SO <sub>4</sub> ), 500 mL (1000ppm))	1	
106	Sulfuric Acid (0.1 N, NIST Traceable with certificate of analysis, 1 L)	5	
107	Sulfuric Acid (AR, 98%Concentrated 2.5 L/bottle)	50	

108	Triethanol amine, AR, 2.5 L/Bottle	2	
109	Tris (hydroxymethyl) aminomethane, ACS reagent, ≥99.8%, 500g/ bottle w/ certificate of analysis, safety data sheet, and expiry date/shelf life	2	
110	Tris(hydroxymethyl)aminomethane (THAM), NIST Traceable with Certificate of Analysis, ≥99% Powder, 100g/bottle	1	
111	Trypan Blue Solution, 0.4%, liquid, sterile-filtered, suitable for cell culture, 100ml/bottle	2	
112	Xylose Lysine deoxycholate Agar, for microbiology, 500g	1	
113	Yeast extract, suitable for microbiology, 500g/bottle	1	
114	Kjeltabs Catalyst Tablet, Content per tablet: 3.5g Potassium Sulfate and 0.1g Copper Sulfate, 1000pcs/box. Attached SDS/COA of item	4	
	<b>NRP-PAEF-RICE</b>		
115	Bromocresol green, AR, 5g/bottle	128	
116	Chlorophenol Red Indicator, AR, 5g/bottle	128	
117	Bromothymol Blue Indicator, AR, 5g/bottle	128	
118	Sodium Hydroxide, AR, 5g/bottle	32	
119	Potassium dichromate, AR, 500g /bottle	128	
120	Sulfuric Acid, AR, 98%Concentrated 2.5 L/bottle	128	
121	Ammonium Fluoride, AR grade, 500g/bottle	32	
122	Ammonium Molybdate Tetrahydrate, AR, 500g, bottle	70	
123	Hydrochloric Acid, AR, 37% Concentrated, 2.5 L/bottle	160	
124	Boric Acid, AR, 500g/bottle	70	
125	Sodium Nitrite, AR, 500g/bottle	620	
126	Sodium Cobaltinitrite, Extrapure, AR, 100g/bottle	330	
127	Ethanol, AR ≥ 95% 2.5 L/bottle	480	
	<b>Note:</b> <b>Expiration: Must be at least 1 year from the date of delivery.</b>  <b>Attached a Certificate of Analysis, Safety Data Sheet and expiry date/shelf life.</b>		

**Name and Signature of Authorized Representative**

**Company Name**

**Date Signed**

## Lot 2- Supply and Delivery of various Laboratory Supplies

Item No.	Description	Quantity	
	<b>2023-03-0438 LSD NSHP/Rice-Esets/ISO Maintenance/PD 1435/Regular/NRP-PAEF-RICE</b>		
	<b>NSHP</b>		
1	Differential counter, Manual Differential Counter (8 keys)	1	
2	Digestion Tube, Clear, 250 ml capacity, straight-sided	70	
3	Digestion tube stand or rack, 50 holes, insert hole diameter and mL capacity, metal	4	
4	Disposable Laboratory Gown, White, Non-woven, Front snap fasteners, one size fits all, 10pc per set	10	
5	Durham tube, 6 x 50 mm borosilicate glass tubes with fire-polished top rims and uniform wall thickness for maximum heat transfer and chemical resistance, pack of 10	5	
6	Erlenmeyer flask, 75ml, borosilicate glass, graduated	10	
7	Erlenmeyer flask, 250ml, borosilicate glass, graduated	10	
8	Erlenmeyer flasks, 125ml, Made of Type 1 Borosilicate glass	50	
9	Filter Cartridge, OV/P100, 8pcs per box	5	
10	Filter paper, Whatmann No. 2 or equivalent, 100 pcs/box	40	
11	Filter paper, N-free filter paper, 90mm, 100pcs/box	10	
12	Filter paper, Whatmann No. 42 or equivalent, 100 pcs/box	40	
13	Funnel Stand, Wooden, ≥4 holes per stand, funnel cap: 125ml-250ml, hole dia: 50mm, height: adjustable upto 320mm	10	
14	Funnel, Borosilicate glass, Borosilicate glass type I, Funnel Dia: 90 mm, Stem Dia: 10 mm, Stem Length 90 mm	10	
15	Funnel, Borosilicate glass, Borosilicate glass type I, Dia:40mm, Stem Dia:6mm: Stem Length, 40mm	35	
16	Funnel, Borosilicate glass, Borosilicate glass type I, Dia:80mm, Stem Dia:6mm: Stem Length, 40mm	30	
17	Glass beaker, 50ml, borosilicate, type 1	15	
18	Glass Volumetric pipette, 10ml, class AS with Calibration Certificate	7	
19	Glass Volumetric pipette, 5 ml, class AS with Calibration Certificate	3	
20	Glass Volumetric pipette, 3 ml, class AS with Calibration Certificate	3	
21	Glass Volumetric pipette, 2 ml, class AS with Calibration Certificate	3	



22	Glass Volumetric pipette, 1 ml, class AS with Calibration Certificate	3	
23	Glassware Cleaning Solution (Heavy-duty biodegradable laboratory glassware cleaner for difficult cleaning problems; Cleans volumetric glassware without scrubbing)	15	
24	Knitted Gloves, cotton/poly or 100%, Natural white/bleached white, heat resistant	15	
25	Graduated cylinder, 25ml, Made of Type 1 Borosilicate glass; Class A Graduation	2	
26	Graduated cylinder, 1000ml, Made of Type 1 Borosilicate glass; Class A Graduation	25	
27	Graduated Cylinder Drying and Storage Rack, 25 cylinder holders for 1000ml. DIMENSIONS: 20" diameter and 18" height	2	
28	Graduated Cylinder Drying and Storage Rack, holders for 5ml -100ml DIMENSIONS: 20" diameter and 18" height	1	
29	Graduated pipette, Class A, USP, Certified Graduated Pipettes	3	
30	Graduated Test Tubes, 25mL , borosilicate glass	160	
31	Half-Mask respirator, Assigned Protection Factor:10, Compatible with Air System SA Series, Recommended application: Ford Chemical Testing (Small - Large)	8	
32	HDPE Carboy Square Bottle with Spigot, 5 Gal/20L capacity, white	2	
33	Ice box (chest Insulated cooler, 45 liters with side handles)	2	
34	Lab Folding Cart (Folding cart, Stable, with 2 layers, multi-use trolley with parking brake, Easy to fold away and store, can carry 60 kg or better, at least 1 meter height. (with demo unit))	3	
35	Laboratory draining rack, Vinyl-coated steel drying rack for labwares, 462x182x525mm, with removable bottom drainage pan	2	
36	Laboratory Gown, White, Unisex Full Sleeve, Gabardine Fabric (Size: S-XXL), embroidered with BSWM logo	110	
37	Laboratory push cart, 80x50*75 cm, Two layer cart	16	
38	Laboratory Shoes, White Duty Shoes Lightweight (US Size: 7-10)	60	
39	Laboratory Shoes, White Duty Shoes Lightweight (US Size: 7-10)	30	
40	Dessicant, Silica gel with indicator (blue indicating), 1kg/pack	27	
41	Magnetic Stir Bar, PTFE Magnetic stri bar, 3mm x 10mm, corrosion and temperature resistant	3	

42	Media bottles, 1L, Borosilicate Media Bottles with GL45 screw cap (orange)	7	
43	Media bottles, 500mL, Borosilicate Media Bottles with GL45 screw cap (orange)	7	
44	Microcentrifuge tube, 0.2ml, 1000pcs/pack, DNase/RNase free	2	
45	Microcentrifuge tube, 0.5ml, 1000pcs/pack, DNase/RNase free	2	
46	Microcentrifuge tube, 1.5ml, 1000pcs/pack, DNase/RNase free	2	
47	Moisture disc, large, for soil analysis, Height: 3.5cm Inner Diameter: 6.5cm, With a lid, Material: Aluminum	150	
48	Moisture disc, small, for soil analysis, Height: 2.1 cm Inner Diameter: 5.1cm, With a lid, Material: Aluminum	150	
49	Non-woven disposable face mask, with ear loop and tie on, about 2-4ply 50's/box	60	
50	Funnel stand, made of organic glass, made of organic glass, 4 holes support arm	2	
51	Parafilm, 4"x125 ft/roll	45	
52	Perforated disc, For soil analysis, Inner diameter:4.9cm outer diameter: 5.1cm Sieve Diameter: 4.8cm Holes diameter: 0.2cm Height: 2.3cm top: 2.3cm bottom: 1cm material: brass	100	
53	HDPE BOTTLE, capacity: 300ml, Dia: 90mm x H 120mm, white opaque color.	150	
54	HDPE Bottle, capacity: 500ml, Dia: 3.74inch x H 3.81 inch, Wide Mouth Size: 3.62 inch, opaque color	150	
55	Petri Dish, cover and bottom, borosilicate glass, clear, 100 x 15 mm	100	
56	Pipette Tip Rack (fits all 100-1000uL pipette tips, 25pcs/rack capacity. 4 racks/box)	5	
57	Pipette Tips (universal fits all brands of pipettor, 1-10 mL vol. cap., disposable; 250pcs/pk)	11	
58	Pipette Tips (universal fits all brands of pipettor, 1-5 mL vol. cap., disposable; 100pcs/set)	9	
59	Pipette Tips (universal fits all brands of pipettor, 1-10 µL vol. cap., disposable; 1000pcs/pk)	7	
60	Pipette Tips (universal fits all brands of pipettor, 2-20 µL vol. cap., disposable; 1000pcs/pk)	2	
61	Pipette tips with rack, 10ml capacity, 24pcs/box	10	

62	Polypropylene funnel, 100mm diameter, Plain Reusable Short Stem Propylene Funnels, 12 pcs per case	2	
63	Plastic Limit Set, ncludes: 3 pcs plastic limit plate, 12 x 12 x .375" 1 pc mixing dish 1 Straight Edge Spatula, 4" x 0.75" 1 graduated cylinder (25ml)	1	
64	Plunger, for soil analysis, Length: 24 inches perforated sheet diameter: 5cm hole diameter: 5mm MATERIAL: BRASS	5	
65	Polyethylene spill tray, 22 L Capacity	10	
66	Polypropylene bottle, wide mouth, 250ml Polypropylene Bottles, wide mouth, w/ lid, 25 pc/pack	3	
67	Polypropylene Centrifuge Tubes, 50 mL, polypropylene, 25 tubes/bag	4	
68	Polypropylene copolymer bottle, 1L, polypropylene copolymer, widemouth, laboratory quality	5	
69	Polypropylene copolymer bottle, 500ml, polypropylene copolymer, widemouth, laboratory quality	5	
70	Polypropylene copolymer bottle, 100ml, polypropylene copolymer, widemouth, laboratory quality	2	
71	Safety Goggle (black, white, polycarbonate), (black, white, unisex, polycarbonate)	8	
72	Sample cans, for soil, 1.87" (47.5mm) ID, 1.42" (36mm) deep, 48 pcs/box	1	
73	Shrikage Limit, 12 pcs Crystallizing Dish 12 pcs Monel Shrinkage Dish 3 Prong Plate	1	
74	Soil Hydrometer, For soil, with code ASTM H152, with Certificate of Compliance and Traceability	5	
75	Solution bottle, dark amber bottle, 100ml, dark amber bottle with black screw cap	5	
76	Solution bottle, dark amber bottle, 500ml, dark amber bottle with black screw cap	5	
77	Solution bottle, dark amber bottle, 1000ml, dark amber bottle with black screw cap	3	
78	Solution bottle, dark amber bottle, 2000ml, dark amber bottle with black screw cap	3	
79	Solution bottles, opaque, squeezable, 60 ml, screw cap, with printed label No background color Text: DISTILLED WATER Text color: Black	6500	
80	Solution bottles, opaque, squeezable, 30 ml, screw cap with printed label Text: CPR; Font Color: Black; pcs: 20000 Text: BTB; Font Color: Black pcs: 20000 Text: BCG; Font Color: Black pcs: 20000 Text: N (Nitrogen); Font Colotr: Black; pcs: 20000 Text: P (Phosphorus); Font Color: Black;	45500	

	pcs: 20000 Text: K (Potassium); Font Color: Black pcs: 20000 Text: K2 (Potassium 2); Font Color: Black pcs: 20000		
<b>81</b>	Solution bottles, opaque, squeezable, 15 ml, screw cap with printed label No background color Text: K1 (Potassium 1); Font Color: Black; pcs: 20000 Text: P1 (Phosphorus 1); Font Color: Black; pcs: 20000	13000	
<b>82</b>	Spatula, White, Heavy duty Silicone, size: approx. 11 inches, Heat Resistant	10	
<b>83</b>	Spatula (flat knife), blade length: 150mm	5	
<b>84</b>	Sterilized cotton swab, 100 pcs/box	5	
<b>85</b>	Stomacher sample bag, Sterile Bag for Stomacher, Made from polyethylene, 33x18.5 cm, 500 pcs/pack	1	
<b>86</b>	Test tube, 13mmx100mm, 100's/box, glass, borosilicate	100	
<b>87</b>	Test tube brush, nylon, 1"	25	
<b>88</b>	Test tube brush, nylon, 3/4"	25	
<b>89</b>	Test tube, with screw cap, 25ml, screw cap culture tubes with PTFE lined phenolic caps, 96 per pack	1	
<b>90</b>	Digital LCD Multi-Channel Timer Countdown Laboratory 3 Channel, Max time range: 1 hour, Clock display: Min/Sec, Power Supply: 2 x 1.5V Li-ion Button Battery ( Battery Included)	2	
<b>91</b>	Utility Tray, plain, aluminum, rectangular, about *14"Lx18"Wx2"H	12	
<b>92</b>	Vials, 20 - 30 ml, glass, wide mouth, screw cap	50	
<b>93</b>	Volumetric flask, 2000ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	3	
<b>94</b>	Volumetric flask, 1000ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	3	
<b>95</b>	Volumetric flask, 500ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	3	
<b>96</b>	Volumetric flask, 5000ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	25	
<b>97</b>	Volumetric Flasks, 100ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	30	
<b>98</b>	Volumetric Flasks, 50ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	10	
<b>99</b>	Volumetric Flasks, 25ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	10	
<b>100</b>	Volumetric Pipette, 10 ml, Made of Type 1 Borosilicate glass; Class A	3	

101	Weighing boat, 2x2 inches, 100/pack, PP	2	
102	Weighing Boat, 25 mL capacity, Diamond-shaped weigh boats, 100/pack	6	
103	Weighing Boat, 100g capacity, 100/pack	2	
104	Wireloop, Nichrome/Aluminum Inoculating loop, autoclavable, latex-free, 12 pcs per pack	1	
105	Laboratory Apron, Chemical Protection Anti-Static, Polymer coated chemical protective apron, Category III, Type PB (3-B), EN 14126 (Barrier to infective agents)	18	
<b>Rice-Essets</b>			
106	Absorbent for Spilled Liquids, 500g/pack	3	
107	Acid resistant tray, 20 L capacity	10	
108	Alcohol spray bottle, PP plastic, clear, 500 ml	15	
109	Alcohol thermometer, Glass, max 50°C, 1° graduation	2	
110	Aluminum disc, with cover for moisture analysis, 50x23mm	55	
111	Aluminum foil, 12 inches width, 500 ft length, 1 roll in a box	1	
112	Aspirator, Rubber	10	
113	Graduated Beaker with Handle, 2000L, Polypropylene	10	
114	Graduated Beaker with Handle, 5000 mL, Polypropylene	12	
115	Borosilicate glass type 1, 1000ml capacity	3	
116	Bottle Brush Cleaner, Long Straw Cleaning Brush (12.9" x 0.4")	10	
117	Bottle Brush Cleaner, Long Tube Cleaning Brush (15.5" x 1")	10	
118	Brush Cleaner, for 1L Graduated Cylinder	15	
119	Cannister, polypropylene, clear, Made from thick non-toxic and durable material, minimum capacity - 500g	1000	
120	Centrifuge Tubes Rack, 50holes, diameter: 32 mm, for 50 mL capacity Centrifuge tubes, Polypropylene	4	
121	Chemical Absorbent Mat Pad in Dispenser box, Heavyweight, 10"x13", 100 pads/box, gray/black	25	
122	Chemistry Test Tube Bottle Nylon Washing Brush Tool, White, 10mm diameter, 8 x 1cm / 3.1" x 0.4"	10	
123	Color-changing PCR rack, color-changing based on temperature, 96 x 0.1 and 0.2 mL tubes and strip tubes; plates up to 96-well, violet to pink	3	
124	Polypropylene copolymer bottle, 250ml, polypropylene copolymer, widemouth, laboratory quality	2	
<b>ISO Maintenance</b>			
125	Digestion Tube, Clear, approx. 100-150 ml capacity, straight-sided	80	
126	Glassware Liquid Cleaner, Liquid, alkaline and phosphate-free concentrate	13	

	Volume: 5 Liters Sequestering agent content (alkalimetric): 8.5-10% Density: 1.05-1.09 Free alkali (as NaOH): 1.5-2.5% Phosphate: ≤ 0.002% Inclusions: Safety Data Sheet (SDS), Certificate of Analysis (CoA)		
127	Media bottles, 250ml, Borosilicate Media Bottles with GL45 screw cap (orange)	7	
128	Mortar and Pestle, Porcelain, 130 ml	5	
129	Glass Volumetric pipette, 5 ml, class AS with Calibration Certificate	3	
130	Microcentrifuge tube rack, Tube rack double panel 96 wells (1.5 and 0.5ml)	5	
131	Laboratory Tray (Dim: 46 x 14 x 2; easy cleaning; Uniform 3/16" heavy wall construction for added rigidity; Standard color natural black or white)	10	
	<b>PD 1435</b>		
132	Delicate task wipers, absorbent lint-free wipes, Anti stat polyshield, (11x21 cm), 280 sheets/box	80	
133	Pipette Tips (universal fits all brands of pipettor, 100-1000 uL vol. cap., disposable; 1000pcs/pk)	3	
134	Weighing boat, sterile hexagonal weighing boat, color white, polystyrene, rounded corners, 10ml capacity, 200 pcs per pack	1	
	<b>Regular</b>		
135	Solution bottle, 250ml, dark amber bottle with black screw cap	5	
136	Concentrated Liquid Detergent, 5L	50	
137	Polypropylene Conical Centrifuge Tube, 25ml, Plug-seal cap, PP, Conical, Pre-sterile, Bulk Pack, 500 Tubes/case	1	
138	Crucible tong, plastic-coated curved jaws	10	
139	Funnel, Polypropylene, Polypropylene, Funnel Dia: 100 mm, For Powder	26	
	<b>NRP-PAEF-RICE</b>		
140	Solution bottles, opaque, squeezable, 60 ml, screw cap, with printed label No background color Text: DISTILLED WATER Text color: Black	25500	
141	Solution bottles, opaque, squeezable, 30 ml, screw cap with printed label Text: CPR; Font Color: Black; pcs: 25500 Text: BTB; Font Color: Black pcs: 25500 Text: BCG; Font Color: Black pcs: 25500 Text: N (Nitrogen); Font Color: Black; pcs: 25500 Text: P (Phosphorus); Font Color: Black; pcs: 25500 Text: K (Potassium); Font Color: Black pcs: 25500 Text: K2 (Potassium 2); Font Color: Black	178500	

	pcs: 25500 see attach sample		
142	Solution bottles, opaque, squeezable, 15 ml, screw cap with printed label No background color Text: K1 (Potassium 1); Font Color: Black; pcs: 25500 Text: P1 (Phosphorus 1); Font Color: Black; pcs: 25500 see attach sample"	51000	
143	Test tube, 13mmx100mm, 100's/box, glass	1500	
<b>2023-03-0436 SSD SIDA-RDE-SRA Trust</b>			
144	Wash Bottle (500mL capacity, easy to squeeze and recover, suitable for washing labwares, made of high quality plastic, durable)	5	
145	Soil hardness meter (Measuring range-0 – 40mm (0 – 49MPa); Cone angle-25 ° 20'; Strength of spring-78.4N/40mm; Outside dimensions-L225mm x diam.40mm; Weight-250g; Total weight-Approx370g; includes case)	1	
<b>2023-03-0437 SWRRD RD Rice Cont. Fund</b>			
146	Disposable Petri Dish, 10pcs per set; size 90mmx15mm	100	
147	Nitrile gloves, powder free, 100's/box Small	5	
148	Nitrile gloves, powder free, 100's/box medium	5	
149	Laboratory footwear rubber open heels, white feature: slip resistant, incredibly light, water-friendly and buoyant; weighs only ounces, ventilation ports add breathability and help shed water and debris, easy to clean and quick to dry, pivoting heel straps for a more secure fit, size will be measured by the bidder to the actual size of laboratory personnel.	12	
150	Ethyl Alcohol, 95%, Technical grade	5	
151	Interfolded Tissue Paper, 175 sheets	50	

**Name and Signature of Authorized Representative**

**Company Name**

**Date Signed**

**Lot 3- Supply and Delivery of various Laboratory Reference Materials**

Item No.	Description	Quantity	
	<b>2023-03-0435 LSD NSHP</b>		
1	Certified Reference Material for Agricultural Environment, Soil, 175g/bottle, Sandy soil, NIST Traceable or equivalent (ISO 17043 Accredited)	10	
2	Certified Reference Material for Agricultural Environment, Soil, 175g/bottle, Clay soil, NIST Traceable or equivalent (ISO 17043 Accredited)	5	
3	History Proficiency Test Samples (Quality Reference Material) for Soil Chemistry and Soil Physics; 8 samples per set, 1kg/bottle Soil Soil Chem Parameters: -Soil Electrical Conductivity (1:1 Soil-to-Water Ratio) -Soil pH (1:1 Soil-to-Water Ratio) -Available Phosphorus (Olsen and Bray Method) -Exchangeable Bases Ammonium Acetate Extraction Method for Potassium, Sodium, Calcium and Magnesium -Trace Elements DTPA Extraction Method for Copper, Zinc, Iron, and Manganese -Total Nitrogen (Kjeldahl Method) -Organic Matter (Walkley-Black Method) -Cation Exchange Capacity Soil Physics Parameter -Particle Size Analysis from (ISO 17043 Accredited)	4	
4	History Proficiency Test Samples (Quality Reference Material) for Soil Chemistry and Soil Physics; 150g/bottle Parameters: Soil Chemistry Parameters: -Air Dry Moisture Content -Soil pH (1:5 Soil-to-Water Ratio) --Soil EC (1:5 Soil-to-Water Ratio) -Available Phosphorus (Olsen and Bray Method) -Trace Elements DTPA Extraction Method for Copper, Zinc, Iron, and Manganese -Total Nitrogen (Kjeldahl Method) Soil Physics Parameters: -1/3 bar -15 bar -Total Sand -Clay -Silt - Moisture Content with Certificate of Analysis	22	
5	Certified Reference Material for Water (NO3-N, PO4-P and NH4-N), 15-20 mL /Bottle, Attach Certificate of Analysis (Must have NIST Traceability) Water Parameters are the following but not limited to: - Nitrate (NO3-N) in water	2	



	<ul style="list-style-type: none"> <li>- Phosphorus in phosphate (PO<sub>4</sub>-P) in water</li> <li>- Ammonia (NH<sub>4</sub>-N) in water</li> </ul>		
6	<p>Certified Reference Material for Water Attach Certificate of Analysis (Must have NIST Traceability) Water Parameters are the following but not limited to:</p> <ul style="list-style-type: none"> <li>- Calcium in water</li> <li>- Magnesium in water</li> </ul> <p>500 mL</p>	2	
7	<p>Certified Reference Material for Water (Alkalinity as CaCO<sub>3</sub>, Cl, NO<sub>3</sub>, SO<sub>4</sub>, K, Na, EC), 500 mL, Attach Certificate of Analysis (Must have NIST Traceability) Water Parameters are the following but not limited to:</p> <ul style="list-style-type: none"> <li>- Alkalinity as CaCO<sub>3</sub></li> <li>- Chloride in water</li> <li>- Nitrate in water</li> <li>- Sulfate in water</li> <li>- Sodium and Potassium in water</li> <li>- pH in water</li> <li>- Electrical Conductivity in water</li> </ul>	2	
8	<p>Certified Reference Material for Water (pH), 500 mL, Attach Certificate of Analysis (Must have NIST Traceability) Water Parameters are the following but not limited to:</p> <ul style="list-style-type: none"> <li>-pH in Water</li> </ul>	2	
9	<p>Certified Reference Material for Water (Heavy Metals), 500 mL, Attach Certificate of Analysis (Must have NIST Traceability) Water Parameters are the following but not limited to:</p> <ul style="list-style-type: none"> <li>-Pb, Hg, Cd, As, Cr</li> </ul>	2	
10	<p>Certified Reference Material for Compost, NIST Traceable or equivalent (ISO 17043 Accredited) (pH, Moisture, Total N, Total Ca, Total Cu, Total Fe, Total K, Total Mg, Total Mn, Total Na, Total P, total Zn, Lead, Hg, Cd, As, Cr), 50-100g, Attach Certificate of Analysis (Must have NIST Traceability)</p>	5	
11	<p>Certified Reference Material for Land Plants NIST Traceable or equivalent (ISO 17043 Accredited) ( Total N, Total Ca, Total Cu, Total Fe, Total K, Total Mg, Total Mn, Total Na, Total P, total Zn, Heavy Metals), 10-30g/bottle Plant Tissue Parameters:</p> <ul style="list-style-type: none"> <li>-Total Nitrogen</li> <li>- Total Bases (Total Calcium, Total Potassium, Total Magnesium, Total Sodium)</li> <li>- Total Phosphorus</li> <li>- Total Zinc, Manganese, Iron, Copper</li> <li>- Lead, Hg, Cd, As, Cr</li> </ul>	2	
12	<p>History Proficiency Test Samples (Quality Reference Material) for Water Chemistry; 8 samples per set, approx 500mL/bottle Water Parameters:</p> <ul style="list-style-type: none"> <li>- pH</li> <li>- Electrical Conductivity</li> <li>- Sodium</li> </ul>	2	

- Potassium - Sulfate - Phosphate - Magnesium - Calcium - Nitrate from (ISO 17043 Accredited)		
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**Name and Signature of Authorized Representative**

**Company Name**

**Date Signed**

## ***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:

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

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.

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

- (i) *[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.
- (j) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

**FINANCIAL COMPONENT ENVELOPE**

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



## **Annex A: Bid Securing Declaration Form**

**[ shall be submitted with the Bid if bidder opts to provide this form of Bid Security]**

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REPUBLIC OF THE PHILIPPINES)  
CITY OF \_\_\_\_\_) S.S

### **BID SECURING DECLARATION**

**Project Identification No.: [Insert number]**

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

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
2. **I/We shall furnish the required performance security within ten (10) calendar days in/ Case of receipt of Notice of Award (pursuant to GPPB Circular No. 04-2020 and GPPB Resolution No. 16-2020).**
3. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
4. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
  - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
  - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
  - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

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

*[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]*

*[Insert signatory's legal capacity]*

*Affiant*

**[Jurat]**

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

**Download from: <https://www.gppb.gov.ph/downloadables.php>**

**Price Schedule for Goods Offered from Abroad**

*[shall be submitted with the Bid if bidder is offering goods from Abroad]*

**For Goods Offered from Abroad**

Name of Bidder \_\_\_\_\_ Project ID No. \_\_\_\_\_ Page \_\_\_ of \_\_\_

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

Name: \_\_\_\_\_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_



## Price Schedule for Goods Offered from Within the Philippines

*[shall be submitted with the Bid if bidder is offering goods from within the Philippines]*

### For Goods Offered from Within the Philippines

Name of Bidder \_\_\_\_\_ Project ID No. \_\_\_\_\_ Page \_\_\_ of \_\_\_

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

Name: \_\_\_\_\_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_

## Contract Agreement Form for the Procurement of Goods (Revised)

*[Not required to be submitted with the Bid, but it shall be submitted within ten (10) days after receiving the Notice of Award]*

### CONTRACT AGREEMENT

THIS AGREEMENT made the \_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_ between [name of PROCURING ENTITY] of the Philippines (hereinafter called "the Entity") of the one part and [name of Supplier] of [city and country of Supplier] (hereinafter called "the Supplier") of the other part;

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

#### NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as integral part of this Agreement, viz.:
  - i. Philippine Bidding Documents (PBDs);
    - i. Schedule of Requirements;
    - ii. Technical Specifications;
    - iii. General and Special Conditions of Contract; and
    - iv. Supplemental or Bid Bulletins, if any
  - ii. Winning bidder's bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;  
  
Bid form, including all the documents/statements contained in the Bidder's bidding envelopes, as annexes, and all other documents submitted (e.g., Bidder's response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;
  - iii. Performance Security;
  - iv. Notice of Award of Contract; and the Bidder's conforme thereto; and
  - v. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.
3. In consideration for the sum of *[total contract price in words and figures]* or such other sums as may be ascertained, *[Named of the bidder]* agrees to *[state the object of the contract]* in accordance with his/her/its Bid.

4. The *[Name of the procuring entity]* agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

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

*[Insert Name and Signature]*

*[Insert Name and Signature]*

*[Insert Signatory's Legal Capacity]*

*[Insert Signatory's Legal Capacity]*

for:

for:

*[Insert Procuring Entity]*

*[Insert Name of Supplier]*

**Acknowledgment**

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

## Omnibus Sworn Statement (Revised)

*[shall be submitted with the Bid]*

REPUBLIC OF THE PHILIPPINES )  
CITY/MUNICIPALITY OF \_\_\_\_\_ ) S.S.

### AFFIDAVIT

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

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

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

*[If a partnership, corporation, cooperative, or joint venture:]* I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

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

*[If a sole proprietorship:]* As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

*[If a partnership, corporation, cooperative, or joint venture:]* I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*

*[If a sole proprietorship:]* The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical

Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

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

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

7. *[Name of Bidder]* complies with existing labor laws and standards; and
8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
  - a. Carefully examining all of the Bidding Documents;
  - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
  - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
  - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.
9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.

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

*[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]*

*[Insert signatory's legal capacity]*  
Affiant

***[Jurat]***

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

## Performance Securing Declaration (Revised)

*[if used as an alternative performance security but it is not required to be submitted with the Bid, as it shall be submitted within ten (10) days after receiving the Notice of Award]*

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REPUBLIC OF THE PHILIPPINES)  
CITY OF \_\_\_\_\_ ) S.S.

### PERFORMANCE SECURING DECLARATION

Invitation to Bid: [Insert Reference Number indicated in the Bidding Documents]

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

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, to guarantee the faithful performance by the supplier/distributor/manufacture/contractor/consultant of its obligations under the Contract, I/we shall submit a Performance Securing Declaration within a maximum period of ten (10) calendar days from the receipt of the Notice of Award prior to the signing of the Contract.
2. I/We accept that: I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of one (1) year for the first offense, or two (2) years **for the second offense**, upon receipt of your Blacklisting Order if I/We have violated my/our obligations under the Contract;
3. I/We understand that this Performance Securing Declaration shall cease to be valid upon:
  - a. issuance by the Procuring Entity of the Certificate of Final Acceptance, subject to the following conditions:
    - i. Procuring Entity has no claims filed against the contract awardee;
    - ii. It has no claims for labor and materials filed against the contractor; and
    - iii. Other terms of the contract; or
  - b. replacement by the winning bidder of the submitted PSD with a performance security in any of the prescribed forms under Section 39.2 of the 2016 revised IRR of RA No. 9184 as required by the end-user.

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

*[Insert NAME OF BIDDER OR ITS  
AUTHORIZED REPRESENTATIVE]*

*[Insert signatory's legal capacity]*

Affiant

***[Jurat]***

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







**SAMPLE FORMS**

**Statement of all Ongoing Government & Private Contracts Including Contracts Awarded but not yet Started**

**Business Name:** \_\_\_\_\_

**Business Address:** \_\_\_\_\_

Name of Contract/ Project Cost	a. Owner's Name b. Address c. Telephone Nos.	Nature of Work	Bidders Role		a. Date Awarded b. Date Started c. Date of Completion	% of Accomplishment		Value of Outstanding Works / Undelivered Portion
			Description	%		Planned	Actual	
<u>Government</u>								
<u>Private</u>								
<b>Total Cost</b>								

**Submitted by:** \_\_\_\_\_  
(Printed Name and Signature)

**Designation:** \_\_\_\_\_

**Date:** \_\_\_\_\_

### Statement of Completed Similar Contracts

**Business Name:**  
**Business Address:**

Name of Contract/ Project Cost	a. Owner's Name b. Address c. Telephone Nos.	Nature of Work	Bidders Role		a. Date Awarded b. Date Started c. Date of Completion	Value of Works
			Description	%		
Note: The following documents shall be presented for verification of the above statement during Post-Qualification:					<b>Total</b>	

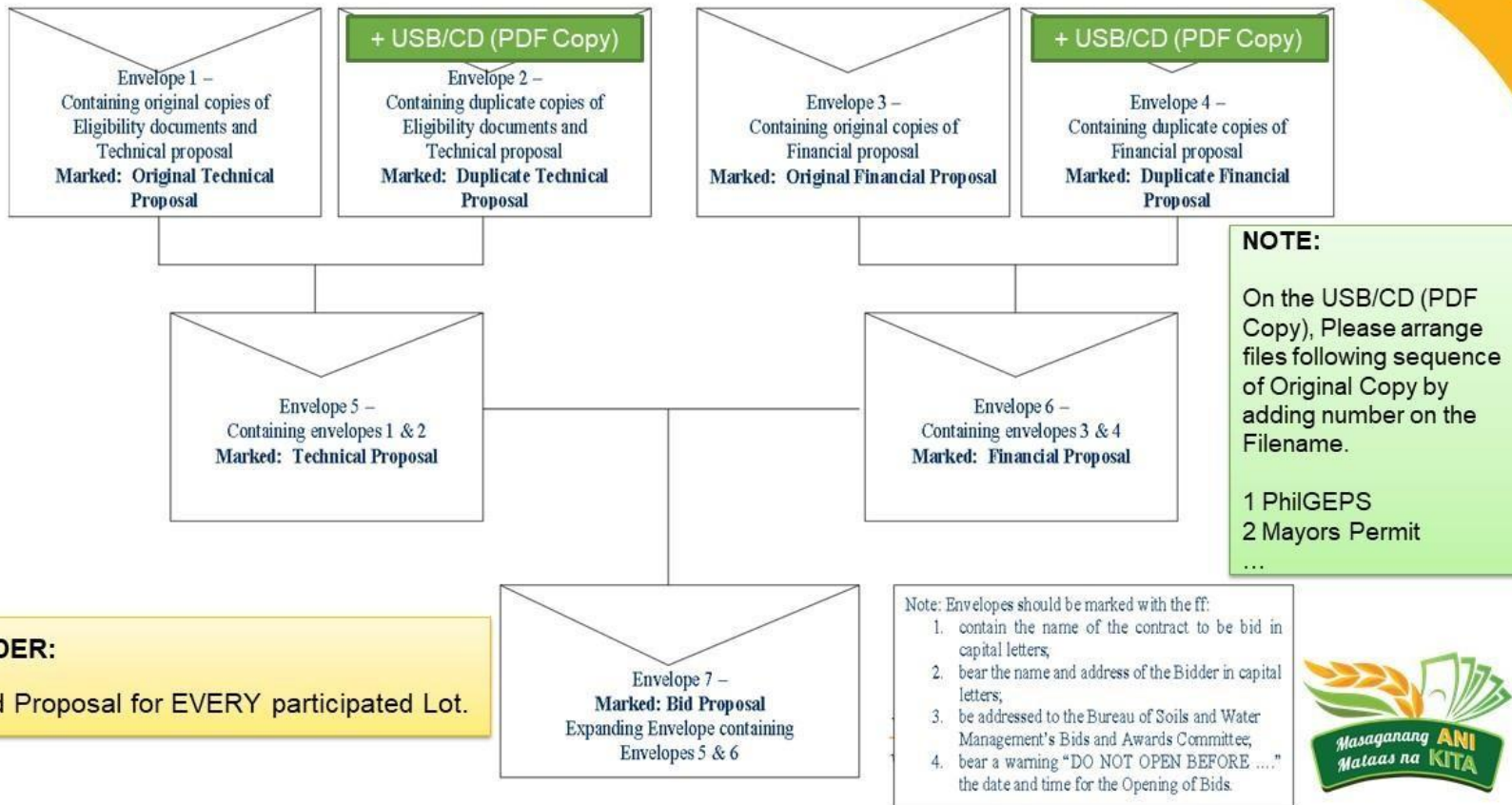
- 1 Notice of Award OR Notice to Proceed issued by the End user OR its equivalent;
- 2 Copy of actual contract OR its equivalent; and
- 3 Certificate of Completion OR End-user's Acceptance OR Proof of payment

Submitted by: \_\_\_\_\_  
(Printed Name and Signature)

Designation: \_\_\_\_\_

Date: \_\_\_\_\_

# Sealing and Marking of Bid:









1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price exw per item	Transportation and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit	Total Price delivered Final Destination
								(col 5+6+7+8)	(col 9) x (col 4)
	Batch 11								
	Batch 12								
	Batch 13								
	Batch 14								
	Batch 15								

**Note: For computation purposes, reflect Column Six (Transportation Expenses) on Biomass Shredding Machine only.**

Name: \_\_\_\_\_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_

Item No.	Description	Quantity	Unit	Unit Cost	Total
	<del>ZUZS-03-0434 LSD NSHP / NRP-PAEF- RICE</del>				
1	1000 ppm Calcium Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis	3	bottle	8,000.00	24,000.00
2	1000 ppm Chloride Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis	1	bottle	22,000.00	22,000.00
3	1000 ppm Copper Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis	3	bottle	8,000.00	24,000.00
4	1000 ppm Iron Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis	3	bottle	8,000.00	24,000.00
5	1000 ppm Magnesium Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis	3	bottle	8,000.00	24,000.00
6	1000 ppm Manganese Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis	3	bottle	8,000.00	24,000.00
7	1000 ppm Potassium Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis	4	bottle	8,000.00	32,000.00
8	1000 ppm Sodium Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis	3	bottle	8,000.00	24,000.00
9	1000 ppm Zinc Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis	3	bottle	8,000.00	24,000.00
10	Activated Charcoal, AR, Phosphate free, 1kg/bottle	5	bottle	10,800.00	54,000.00
11	Agar Powder, 500g/bottle, medium yellow cream to cream tan pH 5.5 to 7.5	3	bottle	10,200.00	30,600.00
12	Ammonium Acetate, AR 98%, 500g/bott	1	bottle	3,000.00	3,000.00
13	Ammonium Chloride, ACS reagent, ≥99%, 500g/bottle	1	bottle	6,000.00	6,000.00
14	Ammonium Fluoride, AR grade, 500 g	5	bottle	8,300.00	41,500.00
15	Ammonium hydroxide, conc., AR, 2.5 L/bot	1	bottle	3,000.00	3,000.00
16	Ammonium Molybdate Tetrahydrate, AR, 500g, bottle	10	bottle	7,200.00	72,000.00
17	Ammonium oxalate-crystal violet, ACS reagent, ≥90.0% anhydrous basis, 50g	1	bottle	7,200.00	7,200.00
18	Amyl Alcohol, ≥99%, 1L/bottle	3	bottle	6,000.00	18,000.00
19	Ascorbic acid, AR, 500g/bottle	6	bottle	3,000.00	18,000.00
20	Barium Chloride Dihydrate, AR, 500g/btl	2	bottle	2,500.00	5,000.00
21	BIOLOG Ecoplate, microplate with 3 sets of the same carbon sources 10 plates/box	5	box	29,400.00	147,000.00
22	BIOLOG FF Microplate (Filamentous Fungi), microplate for Filamentous Fungi (10plates/box)	1	box	33,900.00	33,900.00
23	BIOLOG GEN III Microplate (Bacteria), microplate for Bacteria, 10 plates/box	1	box	21,000.00	21,000.00
24	BIOLOG IF-A, used with Gen III plates, 20 tubes/box	2	box	10,000.00	20,000.00
25	BIOLOG IF-B, used with Gen III plates, 20 tubes/box	2	box	12,000.00	24,000.00
26	BIOLOG IF-IF, used with Gen III plates, 20 tubes/box	2	box	9,700.00	19,400.00
27	BIOLOG YT Microplate (GenII for Yeast), microplate for Yeast, 10 plates/box	2	box	24,600.00	49,200.00
28	Bismuth Sulphite Agar, for microbiology, 500g	1	bottle	18,000.00	18,000.00



29	Borax anhydrous, 500g/bottle, anhydrous, ≥99%	1	bottle	22,500.00	22,500.00
30	Boric Acid AR, 500g/bottle	1	bottle	3,500.00	3,500.00
31	Brilliant green lactose bile broth, 500g, suitable for microbiology, NutriSelect® Basic	1	bottle	15,000.00	15,000.00
32	Bromocresol green, AR, 5g/bottle	6	bottle	4,800.00	28,800.00
33	Bromocresol purple, suitable for indicator, Dye content 90 % , 25g	1	bottle	13,200.00	13,200.00
34	Bromothymol Blue, ACS reagent, Dye content 95%, 5g/bottle	1	bottle	4,200.00	4,200.00
35	Bromothymol Blue Indicator, AR, 5g/bottle	5	bottle	3,600.00	18,000.00
36	Calcium chloride, anhydrous, granular, ≥93%, 500g/bottle	2	bottle	6,600.00	13,200.00
37	Calcium chloride dihydrate, AR, 500g/bottle	2	bottle	3,600.00	7,200.00
38	Chlorophenol Red Indicator, AR, 5g/bottle	5	bottle	4,800.00	24,000.00
39	Coliform Agar, for microbiology, pH 6.6-7.0, 500g	1	bottle	40,000.00	40,000.00
40	Copper sulfate pentahydrate, AR, 500g/bottle	1	bottle	3,300.00	3,300.00
41	Custom solution standard for ICP, in 5% v/v HNO <sub>3</sub> , 250ml Solution details: 1,000ug/ml Ca, Cu, Fe, Mg, Mn, K, Na, Zn.	1	bottle	114,000.00	114,000.00
42	D-(+)- Glucose anhydrous, anhydrous, free-flowing, Redi-Dri™, ≥99.5% , 500g/bottle	2	bottle	3,700.00	7,400.00
43	Di-potassium hydrogen phosphate, ACS reagent, 250g/bottle	1	bottle	7,800.00	7,800.00
44	EC Broth, suitable for microbiology, 500g	1	bottle	12,500.00	12,500.00
45	EC Conductivity Standard, NIST Traceable - 111.8 uS/cm, with COA	4	bottle	5,000.00	20,000.00
46	EC Conductivity Standard, NIST Traceable - 12880 uS/cm, with COA	4	bottle	5,000.00	20,000.00
47	EC Conductivity Standard, NIST Traceable - 1413 uS/cm, with COA	6	bo	5,000.00	30,000.00
48	EC Conductivity Standard, NIST Traceable - 147 uS/cm, with COA	6	bottle	5,000.00	30,000.00
49	EC Conductivity Standard, NIST Traceable - 84 uS/cm, with COA	3	bottle	5,000.00	15,000.00
50	Eosin-Methylene Blue Agar, suitable for microbiology, 500g	1	bottle	9,000.00	9,000.00
51	Ethanol, AR, >95%, 2.5 L/bottle	41	bottle	4,500.00	184,500.00
52	Ethanol, technical grade, 99%, 5gallon/ carboy	3	gallon	4,500.00	13,500.00
53	Ferrous Sulfate Heptahydrate, ACS reagent, ≥99%, 250g/bottle	1	bottle	5,800.00	5,800.00
54	Field CO <sub>2</sub> Test Refill, CO <sub>2</sub> probes for Digital Color Reader, 50 Packs/box	50	pack	4,000.00	200,000.00
55	Gum Acacia, 99% AR, 500 g/bottle	1	bottle	2,500.00	2,500.00
56	Hydrochloric Acid (AR, 37% Concentrated, 2.5 L/bottle)	45	bottle	4,000.00	180,000.00
57	Hydrochloric Acid (0.1 N, NIST Traceable with certificate of analysis, 1 L)	5	bottle	2,500.00	12,500.00

58	Hydrogen Peroxide, AR, 30-50%, 500ml/bottle, with COA included, Supplier must have PNP required permits on Controlled Chemicals	6	bottle	5,000.00	30,000.00
59	Iodonitrotetrazolium formazan, crystalline, AR, 1g/bottle	1	bottle	20,000.00	20,000.00
60	Iodonitrotetrazolium chloride, used in colourimetric assays, 5g/bottle	1	bottle	27,600.00	27,600.00
61	Lactophenol cotton blue, for microscopy, for staining molds, 100 ml	1	bottle	4,800.00	4,800.00
62	Lanthanum Oxide, AR, Powder, 500g/btl	1	bottle	7,920.00	7,920.00
63	Lauryl Tryptose Broth, for microbiology, ACS reagent, 500g	1	bottle	24,000.00	24,000.00
64	Lugol's solution, Potassium iodide solution, for the Gram staining method, ACS reagent, 1L	1	bottle	6,000.00	6,000.00
65	L-lysine Monohydrochloride, NIST Traceable with Certificate of Analysis AR, 100g/bottle	3	bottle	4,000.00	12,000.00
66	Mac Conkey-Sorbitol ChromoSelect Agar, suitable for microbiology, 500g, composition: neutral red, 0.03 g/L, bile salts, 1.5 g/L, sodium chloride, 5 g/L, crystal violet, 0.001 g/L, proteose peptone, 3 g/L, agar, 13.5 g/L, peptone, 17 g/L, sorbitol, 10 g/L	1	bottle	39,000.00	39,000.00
67	Magnesium Sulfate heptahydrate, ACS reagent, 500g/bottle	2	bottle	9,000.00	18,000.00
68	Malic acid, 99%, 1kg/bottle	2	bottle	6,000.00	12,000.00
69	Manganese Sulfate heptahydrate, ACS reagent, 500g/bottle	1	bottle	11,400.00	11,400.00
70	Methyl Orange Indicator, 99% AR, 25 g/bottle	1	bottle	3,800.00	3,800.00
71	Methyl Red, AR, 5g/bottle	1	bottle	7,000.00	7,000.00
72	Muller-Kauffmann Tetrathionate Novobiocin Broth, for microbiology, ACS reagent, 500g	1	bottle	7,800.00	7,800.00
73	N,N-dimethylformamide, ACS reagent, ≥99.8%, 500ml/bottle	1	bottle	10,200.00	10,200.00
74	Nitrate (NO <sub>3</sub> ) AAS Standard (NIST Traceable with COA -Nitrate AAS Standard, 500 mL/bottle capacity - 1000ppm concentration)	1	bottle	18,000.00	18,000.00
75	Nitric Acid (AR, 2.5L/bottle >68%, with COA included, Supplier must have PNP required permits on Controlled Chemicals)	5	bottle	10,000.00	50,000.00
76	Nutrient agar, 500g/bottle, tan, free-flowing, pellet, pH 6.8+/- 0.2, bottle	3	bottle	7,200.00	21,600.00
77	Orthophosphoric Acid AR Grade; Liquid; Odorless; Completely Miscible; 1.685 g/cm <sup>3</sup> density; >99% Purity), 2.5L/bottle	6	bottle	9,000.00	54,000.00
78	Peptone, meat peptic digested, granulated, for microbiology, CAS 91079-38-8, pH 6 - 7 (20 g/l, H <sub>2</sub> O, 20 °C). pH: 6 - 7 (20 g/l, H <sub>2</sub> O, 20 °C), 500g/bottle	2	bottle	3,800.00	7,600.00

79	Peptone Enzymatic Digest of Casein, for biotechnological purposes 1kg, powder form	1	bottle	8,200.00	8,200.00
80	pH Buffer Solution (NIST Traceable pH Buffer Solution with COA -pH 4.00 (colored buffer solution): 1L)	10	bottle	5,000.00	50,000.00
81	pH Buffer Solution(NIST Traceable pH Buffer Solution with COA -pH 7.00 (colored buffer solution): 1L)	10	bottle	5,000.00	50,000.00
82	pH Buffer Solution(NIST Traceable pH Buffer Solution with COA -pH 10.00 (colored buffer solution): 1L)	10	bottle	5,000.00	50,000.00
83	Phenolphthalein, AR, 500g/bottle	1	bottle	3,000.00	3,000.00
84	Potassium carbonate, ACS reagent, ≥99.0%, 500g/ bottle	2	bottle	7,200.00	14,400.00
85	Potassium chloride, AR, 500g/btl	1	bottle	4,700.00	4,700.00
86	Potassium Dichromate,99% AR, 500 g/bottle	5	bottle	5,500.00	27,500.00
87	Potassium dihydrogen phosphate, powder, suitable for cell culture, suitable for insect cell culture, suitable for plant cell culture, ≥99.0%, 500g/bottle	1	bottle	9,500.00	9,500.00
88	Potassium hydroxide, ACS reagent, ≥85%, pellets, 1kg/bottle	2	bottle	9,000.00	18,000.00
89	Potassium Phosphate dibasic, ACS Reagent, ≥98%, 500g/bottle	1	bottle	14,400.00	14,400.00
90	Potassium Phosphate monobasic, ACS Reagent, ≥99%, 500g/bottle	1	bottle	9,600.00	9,600.00
91	Potassium Sulfate, AR, 500g/bottle	2	bottle	3,600.00	7,200.00
92	Potato Dextrose Agar, suitable for microbiology, 500g/bottle	2	bottle	10,800.00	21,600.00
93	Primer and probe set, 2 primers and 1 probe/set, synthesis of specific oligonucleotide DNA sequence (15-30 bp)	5	set	12,000.00	60,000.00
94	Rappaport Vassiliadis Soy broth, for microbiology, 500g	1	bottle	10,800.00	10,800.00
95	Rose bengal, Dye content 95 %, 5g/bottle	1	bottle	19,200.00	19,200.00
96	RT-qPCR Master Mix, suitable for qPCR, suitable for RT-qPCR, sufficient for 100 reactions	4	kit	20,400.00	81,600.00
97	Safranin solution dye, biological stain, 25g	1	bottle	11,640.00	11,640.00
98	Sodium Chloride, AR grade, 500g/bottle	1	bottle	2,000.00	2,000.00
99	Sodium Hexametaphosphate, AR, 500g, bottle	5	bottle	3,000.00	15,000.00
100	Sodium hydroxide, AR, 500g/btl	16	bottle	2,500.00	40,000.00
101	Sodium molybdate, ≥98%, 100g/bottle	1	bottle	9,000.00	9,000.00
102	Sodium Nitrite, AR, 500g/bottle	30	bottle	2,500.00	75,000.00
103	Soil DNA Extraction Kit, 50 preps, For the isolation of microbial genomic DNA from all soil types, 50 preps/kit	3	kit	31,200.00	93,600.00
104	Sucrose Standard (NIST Traceable with COA Sucrose Standard, 100g/bottle)	1	bottle	90,000.00	90,000.00
105	Sulfate (SO <sub>4</sub> ) AAS Standard (NIST Traceable with COA- Standard - Sulfate (SO <sub>4</sub> ), 500 mL (1000ppm))	1	bottle	12,000.00	12,000.00

106	Sulfuric Acid (0.1 N, NIST Traceable with certificate of analysis, 1 L)	5	bottle	2,000.00	10,000.00
107	Sulfuric Acid (AR, 98% Concentrated 2.5 L/bottle)	50	bottle	2,500.00	125,000.00
108	Triethanol amine, AR, 2.5 L/Bottle	2	bottle	7,200.00	14,400.00
109	Tris (hydroxymethyl) aminomethane, ACS reagent, ≥99.8%, 500g/ bottle w/ certificate of analysis, safety data sheet, and expiry date/shelf life	2	bottle	13,500.00	27,000.00
110	Tris(hydroxymethyl)aminomethane (THAM), NIST Traceable with Certificate of Analysis, ≥99% Powder, 100g/bottle	1	bottle	100,000.00	100,000.00
111	Trypan Blue Solution, 0.4%, liquid, sterile-filtered, suitable for cell culture, 100ml/bottle	2	bottle	2,400.00	4,800.00
112	Xylose Lysine deoxycholate Agar, for microbiology, 500g	1	bottle	21,600.00	21,600.00
113	Yeast extract, suitable for microbiology, 500g/bottle	1	bottle	14,500.00	14,500.00
114	Kjeltabs Catalyst Tablet, Content per tablet: 3.5g Potassium Sulfate and 0.1g Copper Sulfate, 1000pcs/box. Attached SDS/COA of item	4	box	20,000.00	80,000.00
	<b>NRP-PAEF-RICE</b>				
115	Bromocresol green, AR, 5g/bottle	128	bot	4,800.00	614,400.00
116	Chlorophenol Red Indicator, AR, 5g/bottle	128	bot	4,800.00	614,400.00
117	Bromothymol Blue Indicator, AR, 5g/bottle	128	bot	3,600.00	460,800.00
118	Sodium Hydroxide, AR, 5g/bottle	32	bot	2,500.00	80,000.00
119	Potassium dichromate, AR, 500g /bottle	128	bot	5,500.00	704,000.00
120	Sulfuric Acid, AR, 98% Concentrated 2.5 L/bottle	128	bot	2,500.00	320,000.00
121	Ammonium Fluoride, AR grade, 500g/bottle	32	bot	8,300.00	265,600.00
122	Ammonium Molybdate Tetrahydrate, AR, 500g, bottle	70	bot	7,200.00	504,000.00
123	Hydrochloric Acid, AR, 37% Concentrated, 2.5 L/bottle	160	bot	4,000.00	640,000.00
124	Boric Acid, AR, 500g/bottle	70	bot	3,500.00	245,000.00
125	Sodium Nitrite, AR, 500g/bottle	620	bot	2,500.00	1,550,000.00
126	Sodium Cobaltinitrite, Extrapure, AR, 100g/bottle	330	bot	8,500.00	2,805,000.00
127	Ethanol, AR ≥ 95% 2.5 L/bottle	480	bot	4,500.00	2,160,000.00
	<b>Note: Expiration: Must be at least 1 year from the date of delivery.  Attached a Certificate of Analysis, Safety Data Sheet and expiry date/shelf life.</b>				
	<b>Total:</b>				<b>14,431,360.00</b>

Item No	Description	Quantity	Unit	Unit Cost	Total
	<b>2023-03-0438 LSD NSHP/Rice-Esets/ISO Maintenance/PD 1435/Regular/NRP-PAEF-RICE</b>				
	<b>NSHP</b>				
1	Differential counter, Manual Differential Counter (8 keys)	1	pc	14,400.00	14,400.00
2	Digestion Tube, Clear, 250 ml capacity, straight-sided	70	pc	6,000.00	420,000.00
3	Digestion tube stand or rack, 50 holes, insert hole diameter and mL capacity, metal	4	pcs	4,000.00	16,000.00
4	Disposable Laboratory Gown, White, Non-woven, Front snap fasteners, one size fits all, 10pc per set	10	set	800.00	8,000.00
5	Durham tube, 6 x 50 mm borosilicate glass tubes with fire-polished top rims and uniform wall thickness for maximum heat transfer and chemical resistance, pack of 10	5	pack	3,000.00	15,000.00
6	Erlenmeyer flask, 75ml, borosilicate glass, graduated	10	pc	400.00	4,000.00
7	Erlenmeyer flask, 250ml, borosilicate glass, graduated	10	pc	650.00	6,500.00
8	Erlenmeyer flasks, 125ml, Made of Type 1 Borosilicate glass	50	pcs	400.00	20,000.00
9	Filter Cartridge, OV/P100, 8pcs per box	5	pc	6,000.00	30,000.00
10	Filter paper, Whatmann No. 2 or equivalent, 100 pcs/box	40	box	2,400.00	96,000.00
11	Filter paper, N-free filter paper, 90mm, 100pcs/box	10	box	2,400.00	24,000.00
12	Filter paper, Whatmann No. 42 or equivalent, 100 pcs/box	40	box	2,400.00	96,000.00
13	Funnel Stand, Wooden, ≥4 holes per stand, funnel cap: 125ml-250ml, hole dia: 50mm, height: adjustable upto 320mm	10	pc	5,600.00	56,000.00
14	Funnel, Borosilicate glass, Borosilicate glass type I, Funnel Dia: 90 mm, Stem Dia: 10 mm, Stem Length 90 mm	10	pc	500.00	5,000.00
15	Funnel, Borosilicate glass, Borosilicate glass type I, Dia:40mm, Stem Dia:6mm: Stem Length, 40mm	35	pc	500.00	17,500.00
16	Funnel, Borosilicate glass, Borosilicate glass type I, Dia:80mm, Stem Dia:6mm: Stem Length, 40mm	30	pc	500.00	15,000.00
17	Glass beaker, 50ml, borosilicate, type 1	15	pcs.	300.00	4,500.00
18	Glass Volumetric pipette, 10ml, class AS with Calibration Certificate	7	pcs	650.00	4,550.00
19	Glass Volumetric pipette, 5 ml, class AS with Calibration Certificate	3	pcs	750.00	2,250.00

20	Glass Volumetric pipette, 3 ml, class AS with Calibration Certificate	3	pcs	750.00	2,250.00
21	Glass Volumetric pipette, 2 ml, class AS with Calibration Certificate	3	pcs	650.00	1,950.00
22	Glass Volumetric pipette, 1 ml, class AS with Calibration Certificate	3	pcs	650.00	1,950.00
23	Glassware Cleaning Solution (Heavy-duty biodegradable laboratory glassware cleaner for difficult cleaning problems; Cleans volumetric glassware without scrubbing)	15	gallon	660.00	9,900.00
24	Knitted Gloves, cotton/poly or 100%, Natural white/bleached white, heat resistant	15	pc	300.00	4,500.00
25	Graduated cylinder, 25ml, Made of Type 1 Borosilicate glass; Class A Graduation	2	pcs	700.00	1,400.00
26	Graduated cylinder, 1000ml, Made of Type 1 Borosilicate glass; Class A Graduation	25	pc	3,600.00	90,000.00
27	Graduated Cylinder Drying and Storage Rack, 25 cylinder holders for 1000ml. DIMENSIONS: 20" diameter and 18" height	2	pc	30,000.00	60,000.00
28	Graduated Cylinder Drying and Storage Rack, holders for 5ml -100ml DIMENSIONS: 20" diameter and 18" height	1	pc	30,000.00	30,000.00
29	Graduated pipette, Class A, USP, Certified Graduated Pipettes	3	pcs	700.00	2,100.00
30	Graduated Test Tubes, 25mL , borosilicate glass	160	pcs.	1,500.00	240,000.00
31	Half-Mask respirator, Assigned Protection Factor:10, Compatible with Air System SA Series, Recommended application: Ford Chemical Testing (Small - Large)	8	pc	3,000.00	24,000.00
32	HDPE Carboy Square Bottle with Spigot, 5 Gal/20L capacity, white	2	pcs	5,000.00	10,000.00
33	Ice box (chest Insulated cooler, 45 liters with side handles)	2	piece	4,000.00	8,000.00
34	Lab Folding Cart (Folding cart, Stable, with 2 layers, multi-use trolley with parking brake, Easy to fold away and store, can carry 60 kg or better, at least 1 meter height. (with demo unit))	3	piece	2,200.00	6,600.00
35	Laboratory draining rack, Vinyl-coated steel drying rack for labwares, 462x182x525mm, with removable bottom drainage pan	2	pc	7,800.00	15,600.00

36	Laboratory Gown, White, Unisex Full Sleeve, Gabardine Fabric (Size: S-XXL), embroidered with BSWM logo	110	pc	1,500.00	165,000.00
37	Laboratory push cart, 80x50*75 cm, Two layer cart	16	pcs.	9,522.00	152,352.00
38	Laboratory Shoes, White Duty Shoes Lightweight (US Size: 7-10)	60	pc	350.00	21,000.00
39	Laboratory Shoes, White Duty Shoes Lightweight (US Size: 7-10)	30	pc	350.00	10,500.00
40	Dessicant, Silica gel with indicator (blue indicating), 1kg/pack	27	pack	650.00	17,550.00
41	Magnetic Stir Bar, PTFE Magnetic stir bar, 3mm x 10mm, corrosion and temperature resistant	3	pack	5,000.00	15,000.00
42	Media bottles, 1L, Borosilicate Media Bottles with GL45 screw cap (orange)	7	pc	1,100.00	7,700.00
43	Media bottles, 500mL, Borosilicate Media Bottles with GL45 screw cap (orange)	7	pc	1,100.00	7,700.00
44	Microcentrifuge tube, 0.2ml, 1000pcs/pack, DNase/RNase free	2	pack	6,000.00	12,000.00
45	Microcentrifuge tube, 0.5ml, 1000pcs/pack, DNase/RNase free	2	pack	4,200.00	8,400.00
46	Microcentrifuge tube, 1.5ml, 1000pcs/pack, DNase/RNase free	2	pack	4,560.00	9,120.00
47	Moisture disc, large, for soil analysis, Height: 3.5cm Inner Diameter: 6.5cm, With a lid, Material: Aluminum	150	pc	300.00	45,000.00
48	Moisture disc, small, for soil analysis, Height: 2.1 cm Inner Diameter: 5.1cm, With a lid, Material: Aluminum	150	pc	300.00	45,000.00
49	Non-woven disposable face mask, with ear loop and tie on, about 2-4ply 50's/box	60	box	200.00	12,000.00
50	Funnel stand, made of organic glass, made of organic glass, 4 holes support arm	2	pc	5,000.00	10,000.00
51	Parafilm, 4"x125 ft/roll	45	pcs	4,800.00	216,000.00
52	Perforated disc, For soil analysis, Inner diameter:4.9cm outer diameter: 5.1cm Sieve Diameter: 4.8cm Holes diameter: 0.2cm Height: 2.3cm top: 2.3cm bottom: 1cm material: brass	100	pc	2,760.00	276,000.00
53	HDPE BOTTLE, capacity: 300ml, Dia: 90mm x H 120mm, white opaque color.	150	bottle	150.00	22,500.00

54	HDPE Bottle, capacity: 500ml, Dia: 3.74inch x H 3.81 inch, Wide Mouth Size: 3.62 inch, opaque color	150	bottle	200.00	30,000.00
55	Petri Dish, cover and bottom, borosilicate glass, clear, 100 x 15 mm	100	pc	400.00	40,000.00
56	Pipette Tip Rack (fits all 100-1000uL pipette tips, 25pcs/rack capacity. 4 racks/box)	5	box	4,800.00	24,000.00
57	Pipette Tips (universal fits all brands of pipettor, 1-10 mL vol. cap., disposable; 250pcs/pk)	11	pack	5,000.00	55,000.00
58	Pipette Tips (universal fits all brands of pipettor, 1-5 mL vol. cap., disposable; 100pcs/set)	9	set/pack	12,000.00	108,000.00
59	Pipette Tips (universal fits all brands of pipettor, 1-10 µL vol. cap., disposable; 1000pcs/pk)	7	pack	8,700.00	60,900.00
60	Pipette Tips (universal fits all brands of pipettor, 2-20 µL vol. cap., disposable; 1000pcs/pk)	2	pack	8,700.00	17,400.00
61	Pipette tips with rack, 10ml capacity, 24pcs/box	10	box	6,800.00	68,000.00
62	Polypropylene funnel, 100mm diameter, Plain Reusable Short Stem Propylene Funnels, 12 pcs per case	2	case	7,000.00	14,000.00
63	Plastic Limit Set, ncludes: 3 pcs plastic limit plate, 12 x 12 x .375" 1 pc mixing dish 1 Straight Edge Spatula, 4" x 0.75" 1 graduated cylinder (25ml)	1	pc	48,000.00	48,000.00
64	Plunger, for soil analysis, Length: 24 inches perforated sheet diameter: 5cm hole diameter: 5mm MATERIAL: BRASS	5	pc	3,000.00	15,000.00
65	Polyethylene spill tray, 22 L Capacity	10	pcs	4,000.00	40,000.00
66	Polypropylene bottle, wide mouth, 250ml Polypropylene Bottles, wide mouth, w/ lid, 25 pc/pack	3	pack	6,000.00	18,000.00
67	Polypropylene Centrifuge Tubes, 50 mL, polypropylene, 25 tubes/bag	4	pack	2,000.00	8,000.00
68	Polypropylene copolymer bottle, 1L, polypropylene copolymer, widemouth, laboratory quality	5	pc	1,800.00	9,000.00
69	Polypropylene copolymer bottle, 500ml, polypropylene copolymer, widemouth, laboratory quality	5	pc	1,000.00	5,000.00
70	Polypropylene copolymer bottle, 100ml, polypropylene copolymer, widemouth, laboratory quality	2	pc	400.00	800.00
71	Safety Goggle (black, white, polycarbonate), (black, white, unisex, polycarbonate)	8	pc	450.00	3,600.00



72	Sample cans, for soil, 1.87" (47.5mm) ID, 1.42" (36mm) deep, 48 pcs/box	1	box	42,000.00	42,000.00
73	Shrinkage Limit, 12 pcs Crystallizing Dish 12 pcs Monel Shrinkage Dish 3 Prong Plate	1	set	42,000.00	42,000.00
74	Soil Hydrometer, For soil, with code ASTM H152, with Certificate of Compliance and Traceability	5	pc	5,000.00	25,000.00
75	Solution bottle, dark amber bottle, 100ml, dark amber bottle with black screw cap	5	pc	300.00	1,500.00
76	Solution bottle, dark amber bottle, 500ml, dark amber bottle with black screw cap	5	pc	700.00	3,500.00
77	Solution bottle, dark amber bottle, 1000ml, dark amber bottle with black screw cap	3	pc	1,500.00	4,500.00
78	Solution bottle, dark amber bottle, 2000ml, dark amber bottle with black screw cap	3	pc	2,000.00	6,000.00
79	Solution bottles, opaque, squeezable, 60 ml, screw cap, with printed label No background color Text: DISTILLED WATER Text color: Black	6500	pc	42.00	273,000.00
80	Solution bottles, opaque, squeezable, 30 ml, screw cap with printed label Text: CPR;Font Color: Black; pcs: 20000 Text: BTB; Font Color: Black pcs: 20000 Text: BCG; Font Color: Black pcs: 20000 Text: N (Nitrogen); Font Color: Black; pcs: 20000 Text: P (Phosphorus); Font Color: Black; pcs: 20000 Text: K (Potassium); Font Color: Black pcs: 20000 Text: K2 (Potassium 2); Font Color: Black pcs: 20000	45500	pc	35.00	1,592,500.00
81	Solution bottles, opaque, squeezable, 15 ml, screw cap with printed label No background color Text: K1 (Potassium 1); Font Color: Black; pcs: 20000 Text: P1 (Phosphorus 1); Font Color: Black; pcs: 20000	13000	pc	28.00	364,000.00
82	Spatula, White, Heavy duty Silicone, size: approx. 11 inches, Heat Resistant	10	pc	150.00	1,500.00
83	Spatula(flat knife), blade length: 150mm	5	pc	750.00	3,750.00

<b>84</b>	Sterilized cotton swab, 100pcs/box	5	box	1,344.00	6,720.00
<b>85</b>	Stomacher sample bag, Sterile Bag for Stomacher, Made from polyethylene, 33x18.5 cm, 500 pcs/pack	1	pack	27,000.00	27,000.00
<b>86</b>	Test tube, 13mmx100mm, 100's/box, glass, borosilicate	100	box	2,600.00	260,000.00
<b>87</b>	Test tube brush, nylon, 1"	25	pcs	250.00	6,250.00
<b>88</b>	Test tube brush, nylon, 3/4"	25	pcs	250.00	6,250.00
<b>89</b>	Test tube, with screw cap, 25ml, screw cap culture tubes with PTFE lined phenolic caps, 96 per pack	1	pack	37,000.00	37,000.00
<b>90</b>	Digital LCD Multi-Channel Timer Countdown Laboratory 3 Channel, Maxt time range: 1 hour, Clock display: Min/Sec, Power Supply: 2 x 1.5V Li-ion Button Battery ( Battery Included)	2	pc	1,200.00	2,400.00
<b>91</b>	Utility Tray, plain, aluminum, rectangular, about *14"Lx18"Wx2"H	12	pc	2,400.00	28,800.00
<b>92</b>	Vials, 20 - 30 ml, glass, wide mouth, screw cap	50	pcs.	200.00	10,000.00
<b>93</b>	Volumetric flask, 2000ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	3	pc	2,400.00	7,200.00
<b>94</b>	Volumetric flask, 1000ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	3	pc	2,400.00	7,200.00
<b>95</b>	Volumetric flask, 500ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	3	pc	2,400.00	7,200.00
<b>96</b>	Volumetric flask, 5000ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	25	pc	3,600.00	90,000.00
<b>97</b>	Volumetric Flasks, 100ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	30	pcs	1,200.00	36,000.00
<b>98</b>	Volumetric Flasks, 50ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	10	pc	2,760.00	27,600.00
<b>99</b>	Volumetric Flasks, 25ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	10	pc	2,520.00	25,200.00
<b>100</b>	Volumetric Pipette, 10 ml, Made of Type 1 Borosilicate glass; Class A	3	pcs	500.00	1,500.00
<b>101</b>	Weighing boat, 2x2 inches, 100/pack, PP	2	pack	2,400.00	4,800.00
<b>102</b>	Weighing Boat, 25 mL capacity, Diamond-shaped weigh boats, 100/pack	6	packs	5,300.00	31,800.00
<b>103</b>	Weighing Boat, 100g capacity, 100/pack	2	packs	5,300.00	10,600.00
<b>104</b>	Wireloop, Nichrome/Aluminum Inoculating loop, autoclavable, latex-free, 12 pcs per pack	1	pack	2,500.00	2,500.00

105	Laboratory Apron, Chemical Protection Anti-Static, Polymer coated chemical protective apron, Category III, Type PB (3-B), EN 14126 (Barrier to infective agents)	18	pcs	500.00	9,000.00
<b>Rice-Essets</b>					
106	Absorbent for Spilled Liquids, 500g/pack	3	pack	7,400.00	22,200.00
107	Acid resistant tray, 20 L capacity	10	pcs	1,700.00	17,000.00
108	Alcohol spray bottle, PP plastic, clear, 500 ml	15	pc	300.00	4,500.00
109	Alcohol thermometer, Glass, max 50°C, 1° graduation	2	pc	1,800.00	3,600.00
110	Aluminum disc, with cover for moisture analysis, 50x23mm	55	pc	300.00	16,500.00
111	Aluminum foil, 12 inches width, 500 ft length, 1 roll in a box	1	box	600.00	600.00
112	Aspirator, Rubber	10	pc	200.00	2,000.00
113	Graduated Beaker with Handle, 2000L, Polypropylene	10	pc	600.00	6,000.00
114	Graduated Beaker with Handle, 5000 mL, Polypropylene	12	pc	1,100.00	13,200.00
115	Borosilicate glass type 1, 1000ml capacity	3	pc	900.00	2,700.00
116	Bottle Brush Cleaner, Long Straw Cleaning Brush (12.9" x 0.4")	10	pc	100.00	1,000.00
117	Bottle Brush Cleaner, Long Tube Cleaning Brush (15.5" x 1")	10	pc	100.00	1,000.00
118	Brush Cleaner, for 1L Graduated Cylinder	15	pc	100.00	1,500.00
119	Cannister, polypropylene, clear, Made from thick non-toxic and durable material, minimum capacity - 500g	1000	pcs	80.00	80,000.00
120	Centrifuge Tubes Rack, 50holes, diameter: 32 mm, for 50 mL capacity Centrifuge tubes, Polypropylene	4	pcs	3,600.00	14,400.00
121	Chemical Absorbent Mat Pad in Dispenser box, Heavyweight, 10"x13", 100 pads/box, gray/black	25	box	5,500.00	137,500.00
122	Chemistry Test Tube Bottle Nylon Washing Brush Tool, White, 10mm diameter, 8 x 1cm / 3.1" x 0.4"	10	pc	150.00	1,500.00
123	Color-changing PCR rack, color-changing based on temperature, 96 x 0.1 and 0.2 mL tubes and strip tubes; plates up to 96-well, violet to pink	3	pcs	6,000.00	18,000.00
124	Polypropylene copolymer bottle, 250ml, polypropylene copolymer, widemouth, laboratory quality	2	pc	600.00	1,200.00
<b>ISO Maintenance</b>					
125	Digestion Tube, Clear, approx. 100-150 ml capacity, straight-sided	80	pc	6,000.00	480,000.00

126	Glassware Liquid Cleaner, Liquid, alkaline and phosphate-free concentrate Volume: 5 Liters Sequestering agent content (alkalimetric): 8.5-10% Density: 1.05-1.09 Free alkali (as NaOH): 1.5-2.5% Phosphate: ≤ 0.002% Inclusions: Safety Data Sheet (SDS), Certificate of Analysis (CoA)	13	bottle	8,500.00	110,500.00
127	Media bottles, 250ml, Borosilicate Media Bottles with GL45 screw cap (orange)	7	pc	1,000.00	7,000.00
128	Mortar and Pestle, Porcelain, 130 ml	5	pc	500.00	2,500.00
129	Glass Volumetric pipette, 5 ml, class AS with Calibration Certificate	3	pc	750.00	2,250.00
130	Microcentrifuge tube rack, Tube rack double panel 96 wells (1.5 and 0.5ml)	5	pc	600.00	3,000.00
131	Laboratory Tray (Dim: 46 x 14 x 2; easy cleaning; Uniform 3/16" heavy wall construction for added rigidity; Standard color natural black or white)	10	pc	300.00	3,000.00
	<b>PD 1435</b>				
132	Delicate task wipers, absorbent lint-free wipers, Anti stat polyshield, (11x21 cm), 280 sheets/box	80	box	660.00	52,800.00
133	Pipette Tips (universal fits all brands of pipettor, 100-1000 uL vol. cap., disposable; 1000pcs/pk)	3	pack	2,400.00	7,200.00
134	Weighing boat, sterile hexagonal weighing boat, color white, polystyrene, rounded corners, 10ml capacity, 200 pcs per pack	1	pack	3,000.00	3,000.00
	<b>Regular</b>				
135	Solution bottle, 250ml, dark amber bottle with black screw cap	5	pc	500.00	2,500.00
136	Concentrated Liquid Detergent, 5L	50	pc	850.00	42,500.00
137	Polypropylene Conical Centrifuge Tube, 25ml, Plug-seal cap, PP, Conical, Pre-sterile, Bulk Pack, 500 Tubes/case	1	case	12,000.00	12,000.00
138	Crucible tong, plastic-coated curved jaws	10	pc	1,200.00	12,000.00
139	Funnel, Polypropylene, Polypropylene, Funnel Dia: 100 mm, For Powder	26	pc	500.00	13,000.00
	<b>NRP-PAEF-RICE</b>				
140	Solution bottles, opaque, squeezable, 60 ml, screw cap, with printed label No background color Text: DISTILLED WATER Text color: Black	25500	pcs	42.00	1,071,000.00

141	Solution bottles, opaque, squeezable, 30 ml, screw cap with printed label Text: CPR;Font Color: Black; pcs: 25500 Text: BTB; Font Color: Black pcs: 25500 Text: BCG; Font Color: Black pcs: 25500 Text: N (Nitrogen); Font Colotr: Black; pcs:25500 Text: P (Phosphorus); Font Color: Black; pcs: 25500 Text: K (Potassium); Font Color: Black pcs: 25500 Text: K2 (Potassium 2); Font Color: Black pcs: 25500 see attach sample	178500	pcs	35.00	6,247,500.00
142	Solution bottles, opaque, squeezable, 15 ml, screw capwith printed label No background color Text: K1 (Potassium 1); Font Color: Black; pcs: 25500 Text: P1 (Phosphorus 1); Font Color: Black; pcs: 25500 see attach sample"	51000	pcs	28.00	1,428,000.00
143	Test tube, 13mmx100mm, 100's/box, glass	1500	box	2,600.00	3,900,000.00
<b>2023-03-0436 SSD SIDA-RDE-SRA Trust</b>					
144	Wash Bottle (500mL capacity, easy to squeeze and recover, suitable for washing labwares, made of high quality plastic, durable)	5	pcs	100.00	500.00
145	Soil hardness meter (Measuring range-0 – 40mm (0 – 49MPa); Cone angle-25 ° 20'; Strength of spring-78.4N/40mm; Outside dimensions-L225mm x diam.40mm; Weight-250g; Total weight-Approx370g; includes case)	1	pack	11,000.00	11,000.00
<b>2023-03-0437 SWRRD RD Rice Cont. Fund</b>					
146	Disposable Petri Dish, 10pcs per set; size 90mmx15mm	100	set	200.00	20,000.00
147	Nitrile gloves, powder free, 100's/box Small	5	box	500.00	2,500.00
148	Nitrile gloves, powder free, 100's/box medium	5	box	500.00	2,500.00

<b>149</b>	Laboratory footwear rubber open heels, white feature: slip resistant, incredibly light, water-friendly and buoyant; weighs only ounces, ventilation ports add breathability and help shed water and debris, easy to clean and quick to dry, pivoting heel straps for a more secure fit, size will be measured by the bidder to the actual size of laboratory personnel.	12	pc	3,000.00	36,000.00
<b>150</b>	Ethyl Alcohol, 95%, Technical grade	5	Carboy (20 liters)	3,500.00	17,500.00
<b>151</b>	Interfolded Tissue Paper, 175 sheets	50	pack	100.00	5,000.00
	<b>Total:</b>				<b>19,823,892.00</b>

Item No.	Description	Quantity	Unit	Unit Cost	Total
<b>2023-03-0435 LSD NSHP</b>					
1	Certified Reference Material for Agricultural Environment, Soil, 175g/bottle, Sandy soil, NIST Traceable or equivalent (ISO 17043 Accredited)	10	bottle	26,000.00	260,000.00
2	Certified Reference Material for Agricultural Environment, Soil, 175g/bottle, Clay soil, NIST Traceable or equivalent (ISO 17043 Accredited)	5	bottle	26,000.00	130,000.00
3	History Proficiency Test Samples (Quality Reference Material) for Soil Chemistry and Soil Physics; 8 samples per set, 1kg/bottle Soil Soil Chem Parameters: -Soil Electrical Conductivity (1:1 Soil-to-Water Ratio) -Soil pH (1:1 Soil-to-Water Ratio) -Available Phosphorus (Olsen and Bray Method) -Exchangeable Bases Ammonium Acetate Extraction Method for Potassium, Sodium, Calcium and Magnesium -Trace Elements DTPA Extraction Method for Copper, Zinc, Iron, and Manganese -Total Nitrogen (Kjeldahl Method) -Organic Matter (Walkley-Black Method) -Cation Exchange Capacity Soil Physics Parameter -Particle Size Analysis from (ISO 17043 Accredited)	4	bottle	80,000.00	320,000.00
4	History Proficiency Test Samples (Quality Reference Material) for Soil Chemistry and Soil Physics; 150g/bottle Parameters: Soil Chemistry Parameters: -Air Dry Moisture Content -Soil pH (1:5 Soil-to-Water Ratio) --Soil EC (1:5 Soil-to-Water Ratio) -Available Phosphorus (Olsen and Bray Method) -Trace Elements DTPA Extraction Method for Copper, Zinc, Iron, and Manganese -Total Nitrogen (Kjeldahl Method) Soil Physics Parameters: -1/3 bar -15 bar -Total Sand -Clay -Silt - Moisture Content with Certificate of Analysis	22	bottle	20,000.00	440,000.00
5	Certified Reference Material for Water (NO3-N, PO4-P and NH4-N), 15-20 mL /Bottle, Attach Certificate of Analysis (Must have NIST Traceability) Water Parameters are the following but not limited to: - Nitrate (NO3-N) in water - Phosphorus in phosphate (PO4-P) in water - Ammonia (NH4-N) in water	2	bottle	23,000.00	46,000.00

6	<p>Certified Reference Material for Water Attach Certificate of Analysis (Must have NIST Traceability)  Water Parameters are the following but not limited to:  - Calcium in water  - Magnesium in water  500 mL</p>	2	bottle	23,000.00	46,000.00
7	<p>Certified Reference Material for Water (Alkalinity as CaCO<sub>3</sub>, Cl, NO<sub>3</sub>, SO<sub>4</sub>, K, Na, EC), 500 mL, Attach Certificate of Analysis (Must have NIST Traceability)  Water Parameters are the following but not limited to:  - Alkalinity as CaCO<sub>3</sub>  - Chloride in water  - Nitrate in water  - Sulfate in water  - Sodium and Potassium in water  - pH in water  - Electrical Conductivity in water</p>	2	bottle	24,000.00	48,000.00
8	<p>Certified Reference Material for Water (pH), 500 mL, Attach Certificate of Analysis (Must have NIST Traceability)  Water Parameters are the following but not limited to:  -pH in Water</p>	2	bottle	23,000.00	46,000.00
9	<p>Certified Reference Material for Water (Heavy Metals), 500 mL, Attach Certificate of Analysis (Must have NIST Traceability)  Water Parameters are the following but not limited to:  -Pb, Hg, Cd, As, Cr</p>	2	bottle	48,000.00	96,000.00
10	<p>Certified Reference Material for Compost, NIST Traceable or equivalent (ISO 17043 Accredited) (pH, Moisture, Total N, Total Ca, Total Cu, Total Fe, Total K, Total Mg, Total Mn, Total Na, Total P, total Zn, Lead, Hg, Cd, As, Cr), 50-100g, Attach Certificate of Analysis (Must have NIST Traceability)</p>	5	bottle	22,800.00	114,000.00
11	<p>Certified Reference Material for Land Plants NIST Traceable or equivalent (ISO 17043 Accredited) ( Total N, Total Ca, Total Cu, Total Fe, Total K, Total Mg, Total Mn, Total Na, Total P, total Zn, Heavy Metals), 10-30g/bottle  Plant Tissue Parameters:  -Total Nitrogen  - Total Bases (Total Calcium, Total Potassium, Total Magnesium, Total Sodium)  - Total Phosphorus  - Total Zinc, Manganese, Iron, Copper  - Lead, Hg, Cd, As, Cr</p>	2	bottle	79,200.00	158,400.00



12	History Proficiency Test Samples (Quality Reference Material) for Water Chemistry; 8 samples per set, approx 500mL/bottle Water Parameters: - pH - Electrical Conductivity - Sodium - Potassium - Sulfate - Phosphate - Magnesium - Calcium - Nitrate from (ISO 17043 Accredited)	2	bottle	80,000.00	160,000.00
<b>Total:</b>					<b>1,864,400.00</b>



	ADDRESS
<b>BSWM</b>	SRDC Building, Elliptical Road, corner Visayas Avenue, Diliman, Quezon City
<b>RSL CAR</b>	Ambuklao Rd., Gibraltar, Baguio City
<b>RSL I</b>	Ilocos Region Integrated Agricultural Laboratories, Tebag East, Sta. Barbara, Pangasinan
<b>RSL II</b>	Regional Government Center, Carig Sur, Tuguegarao City, Cagayan
<b>RSL III</b>	Capitol Compound, Sto. Nino, City of San Fernando, Pampanga 2000
<b>RSL IV-A</b>	Jose P. Laurel Highway, LARES Compound, Marawoy, Lipa City 4217, Batangas
<b>RSL- IV-B</b>	Regional Soils Laboratory, Barcenaga, Naujan, Oriental Mindoro
<b>RSL V</b>	#19 Del Rosario, Maharlika Highway, Naga City, Philippines
<b>RSL VI</b>	Department of Agriculture, Parola Street, Iloilo City Proper, Iloilo
<b>RSL VII</b>	CES Complex, Highway, Maguikay, Mandaue City
<b>RSL VII</b>	Brgy. 1 and 4, Libertad, Magsaysay Boulevard, Tacloban City
<b>RSL IX</b>	Corcuerra Ext., Port Area, Zone IV, Zamboanga City
<b>RSL X</b>	Antonio Luna St., Cagayan de Oro City, Misamis Oriental
<b>RSL XI</b>	F. Bangoy St., Agdao, Davao City, Philippines
<b>RSL XII</b>	Amas Reserach Experiment Station, Amas, Kidapawan City
<b>RSL XIII</b>	P-8, Taguibo, Butuan City, Agusan del Norte, 8600
<b>DA-BARMM</b>	Sinsuat Avenue, Cotabato City